Summer 7-2023

APPLICATION OF ARTIFICIAL NEURAL NETWORK (ANN) IN DEVELOPMENT OF PREDICTION MODELS FOR PAVEMENT PERFORMANCE AND MATERIAL PROPERTIES

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APPLICATION OF ARTIFICIAL NEURAL NETWORK (ANN) IN DEVELOPMENT OF PREDICTION MODELS FOR PAVEMENT PERFORMANCE AND MATERIAL PROPERTIES

by

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A thesis submitted in partial fulfillment

of the requirements for the degree of

Master of Science in Civil Engineering

Department of Civil Engineering

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College of Engineering

University of Texas at Tyler

July, 2023

The University of Texas at Tyler
Tyler, Texas

This is to certify that the Master's Thesis of

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June 30, 2023
for the Master of Science in Civil Engineering degree

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Dedication

In loving memory of Argha Das Dhruba, whose absence is felt deeply each passing day. You will forever remain by my side, dear brother.

ACKNOWLEDGEMENT

I would like to take this opportunity to express my heartfelt gratitude to the following individuals and organizations who have played a significant role in my academic journey and the completion of this thesis.

First and foremost, I am deeply indebted to my supervisor, Dr. Mena Souliman. His guidance, mentorship, and unwavering support have been invaluable in introducing me to the research world and navigating the challenging process. I am profoundly grateful for the sacrifices he made, including accompanying and driving me to conferences despite having a young family. His dedication to my growth as a researcher has been truly inspiring, and I consider myself fortunate to have had the privilege of working under his guidance.

I would also like to extend my sincere thanks to other members of my thesis committee Dr. Torey Nalbone and Dr. Saygili, their insights and feedback have improved the quality of my work. I also like to thank Dr. Vechion for being a source of inspiration with his unwavering dedication to teaching and for introducing me to the captivating world of ANN. Thanks to my department, college of engineering, graduate school and the university to provide me the financial and other support throughout my academic journey.

I would also like to express my gratitude to my friends who have been there for me throughout this journey in Tyler – PJ, Tanim, Fahim (both), Rami, Pratik, Prem, Prithviraj, Zabi, Olsen and Murphy couples, Sarfaraz Bhai. To my family – Ma, Bappi, Dada, Boudi, I want to express my deep love and gratitude. You have been my pillar of strength, and I am forever grateful for your unwavering support. Prachya, Pi, and Puja - you have given my life meaning, and I am immensely grateful.

ABSTRACT

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July 2023

This dissertation presents the development and application of Artificial Neural Network (ANN)-based prediction models for Dynamic Modulus (E*), Dynamic Shear Modulus ($|G_b^*|$, Phase Angle (δ_b), Soil-Water Characteristics Curve (SWCC) parameters, and International Roughness Index (IRI). The IRI prediction model considering climatic and traffic conditions of Texas with data from the Long-Term Pavement Performance (LTPP) database with $R^2 = 0.92$ can be utilized by Local transportation agencies. An E* prediction model with three neurons, using 7400 data points obtained from 346 mixtures with $R^2=0.82$ can bypass the need for laboratory tests. ANN-based $|G_b^*|$ and δ_b prediction models were also developed with seven neurons and three neurons respectively. Both are independent of each other and perform better than the previous two models. ANN showed promising results in predicting SWCC parameters like a_f and c_f. The models with equations are easier to use. Therefore, these models can be integrated into standard design procedures like MEPDG.

Keywords: Artificial Neural Network, IRI, Dynamic Modulus, Dynamic Shear Modulus, Phase Angle, Soil-Water Characteristics Curve

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CHAPTER 1

INTRODUCTION

In recent years, the artificial neural network (ANN) has emerged as a powerful and rapidly evolving technique within the realm of artificial intelligence (AI). Its applications have extended across various industries, contributing to substantial advancements in the field. The amalgamation of neural networks with big data has particularly opened new horizons and posed both opportunities and challenges in the domain of pavement engineering. The use of ANNs in pavement engineering is still in its early stages, but it has the potential to revolutionize the field. This thesis dissertation will contribute to the growing body of knowledge on the use of ANNs in pavement engineering and help to pave the way for even more innovative and efficient approaches in the future (Zhu et al., 2017; Khan & Yairi, 2018; Hou et al., 2020; Srikanth & Arockiasamy, 2020).

This dissertation presents a comprehensive study of the development and application of ANN-based prediction models in pavement engineering. The aim of this research is to explore the relationship between pavement material property, volumetric property, traffic, and climate data with key parameters such as International Roughness Index (IRI), Dynamic Modulus (E*), Dynamic Shear Modulus ($|G_b^*|$, Phase Angle (ϕ), and Soil-Water Characteristics Curve (SWCC). The models are developed using a database comprising pavement performance data from the Long-Term Pavement Performance (LTPP) program, as well as specific data related to the Colombian mixture, binder dynamic shear modulus, phase angle, and Soil-Water Characteristics Curve (SWCC) parameters.

1.1 Background

ANN has a long history of application in civil and transportation engineering and is increasingly utilized in civil and transportation applications, replacing traditional methods (Dougherty, 1995; Adeli, 2001; Flintsch, 2003). Notably, ANN modeling has been integrated a long time ago in the Mechanistic-Empirical Pavement Design Guide (MEPDG) (NCHRP 2004) specifically highlighted the successful utilization of neural networks, emphasizing their significance. The present focus of a subcommittee within the Transportation Research Board, AFS50(1) [previously known as A2K05(1)], revolves around the "Applications of Nontraditional Computing Tools Including Neural Networks." This subcommittee aims to fulfill its primary mission of enhancing practitioners' comprehension and promoting the utilization of artificial neural networks (ANNs) and other nontraditional computational intelligence techniques in the context of pavement engineering applications (TR Circular 1999).

Through the development of ANN models, this study aims to leverage the available databases, including the E*, $|G_b^*|$, δ_b, LTPP, and USDA databases, to improve the accuracy and efficiency of pavement design. By utilizing ANNs, the study aims to unlock valuable insights and establish robust models that can assist practitioners in making informed decisions regarding pavement design and maintenance strategies.

The availability of extensive test data has significantly contributed to advancements in this field. One notable database is the E* database developed by Witczak and his colleagues. This database contains a wealth of information on pavement material properties. The $|G_b^*|$ and δ databases, which complement the E* database, provide additional data on binder viscosity. Furthermore, the Long Term Pavement Performance (LTPP) database offers a vast collection of comprehensive information gathered from various pavement test sections across the United States. This database

includes data on pavement distress, structural properties, climate factors, and maintenance activities. The LTPP database serves as a valuable resource for studying long-term pavement behavior and performance. In addition to pavement-related databases, the United States Department of Agriculture (USDA) maintains a database that provides detailed about the grain size distribution of soil with engineering properties. Understanding the soil characteristics is crucial for designing durable and stable pavements, as the properties of the underlying soil which is known as subgrade, greatly influence the pavement's structural integrity.

By harnessing the wealth of data available from these databases, researchers can exploit the potential of ANNs to develop models for important pavement design properties. ANNs are capable of effectively analyzing large volumes of data and identifying complex patterns, making them an ideal tool for capturing the intricate relationships between various input parameters and pavement performance.

1.2 Research Scope and Objectives

1.2.1 Developing ANN-based Model for Key Pavement Parameter

The primary goal of this study is to construct prediction models for pavement material properties and performance indices using Artificial Neural Networks (ANN). Four critical variables have been chosen from different layers of the pavements to develop the ANN-based models. These variables include the International Roughness Index (IRI) measured from the top surface, the E* property of the base course, the $|G_b^*|$ property of the binder, and the SWCC parameters in the Subgrade layer.

1.2.2 Extracting an Equation from Each Individual Model

To ensure model reproducibility, all the model parameters will be documented. However, it can be challenging for practitioners with limited knowledge of machine learning to work with models that involve weights and biases. Consequently, to cater to a broader user base and make it more accessible, an equation will be derived from each model. By extracting an equation from each model, practitioners will have a simplified representation that they can easily understand and work with. This approach aims to bridge the gap between machine learning experts and practitioners who may not have extensive knowledge in the field. Making the models more user-friendly and interpretable encourages wider adoption and utilization of the predictions derived from these models.

1.2.3 Identifying the Key Variables with Sensitivity Analysis

The sensitivity indices serve as a quantitative measure to identify the key variables within the models and evaluate their impact on the model output. Insights into the relative contribution of each variable to the final output are achieved by calculating sensitivity indices. This analysis aids in identifying the variables that have a substantial influence on the model's predictions and allows us to prioritize their importance. Understanding the sensitivity of the models to different variables enhances our comprehension of the underlying mechanisms and assists in refining the models for better accuracy and performance.

1.3 Thesis Organization

The first chapter of this dissertation is the introduction of the research and background with objectives. The second chapter is about the literature review where the application of ANN and all the selected prediction properties for prediction model development are discussed in detail. The

four selected properties are collected from four different databases, the third chapter discusses that. The fourth chapter discusses the model development process in detail and the fifth chapter discusses the tools to analyze the model after development. From the sixth to ninth chapter, all four prediction models are reported and discussed. The tenth and last chapter discusses the summary, conclusion, and future recommendations. All the datasets are attached in **APPENDIX A** to **D**.

CHAPTER 2
LITERATURE REVIEW

2.1 Application of ANN in Pavement Engineering

The artificial neural network (ANN), is a rapidly growing technique in the field of artificial intelligence (AI), playing a leading role in the advancement of various industries. With the combination of neural networks and big data, pavement engineering is experiencing both opportunities and challenges. Due to the complexity of problems in this field, there is a need to find an effective tool that can replace the cumbersome calculations involved in traditional methods. Additionally, researchers are interested in uncovering valuable insights and knowledge from physical phenomena and experimental data. ANN, as a highly promising data-driven technique, has garnered significant attention and demonstrated success and reliability in numerous academic subjects and projects (Zhu et al., 2017; Khan and Yairi; 2018, Hou et al., 2020; Srikanth & Arockiasamy, 2020)

As early as the 1990s, researchers began utilizing ANNs to study different aspects of pavement engineering (Haussmann et al., 1997). These studies included the development of ANN models as alternative design tools to simplify the analysis of pavement stress under various structural design schemes (Ceylan et al., 1998, 1999). ANN was also employed to estimate the mechanical properties and durability of pavement materials (Attoh-Okine and Fekpe, 1996, Najjar and Basheer, 1997 and Zaman and Zhu, 1998). Furthermore, ANNs were found to be feasible for pavement distress recognition and maintenance planning (Fwa and Chan, 1993, Kaseko and Ritchie,1993). Recent studies have expanded the application of ANNs in different stages of pavement engineering, such as design, construction, inspection and monitoring, and maintenance (Ghorbani et al., 2020; Naderpour et al., 2018; Androjic & Dolacek-Alduk 2018; Roxas et al.,

2019; Tong et al., 2018; Zhang et al., 2017; Elbagalati et al., 2018; Hafez et al., 2019). The previous findings regarding ANN's application in pavement engineering indicate its immense potential for further advancement.

Designing pavements is an intricate process that requires considering the interplay of various factors, including the materials used, the structure of the pavement, the loads it will bear, and the environmental conditions it will be subjected to. Traditionally, this design procedure heavily relied on the expertise of experienced engineers and involved complex calculations. However, with the increasing accessibility of research data in the field of pavement engineering, researchers have embarked on a quest to generate and assess design schemes using artificial neural networks (ANNs). These ANNs have emerged as an effective alternative tool, revolutionizing the design process in pavement engineering.

ANNs have shown great promise in optimizing the structural aspects of pavements by analyzing and understanding the relationships between various design variables. This allows researchers to develop more efficient and resilient pavement structures that can withstand different types of loads and environmental conditions. The use of ANNs enables engineers to explore a wider range of design possibilities and evaluate their performance with greater accuracy.

Another area of focus is the prediction of asphalt mixture performance. ANNs provide a powerful means to model the complex behavior of asphalt mixtures, taking into account factors such as aggregate properties, binder characteristics, and environmental conditions. By training ANNs on extensive datasets, researchers can develop models that accurately predict the performance of asphalt mixtures under different scenarios. This knowledge is invaluable in selecting optimal mix designs that ensure long-lasting and high-performing pavements.

In summary, the integration of ANNs into pavement design has sparked significant advancements in the field. By leveraging research data and employing ANNs, engineers are able to generate and evaluate design schemes that optimize pavement structures, predict asphalt mixture performance, and forecast its performance index. These research hotspots have the potential to revolutionize pavement design, leading to safer, longer-lasting, and more sustainable road infrastructure.

2.2 Important Pavement Parameter

The AASHTO 1993 flexible pavement design method is an empirical method that is used to design new and rehabilitated highway pavements ("Transportation Officials. AASHTO Guide for Design of Pavement Structures," 1993). It is based on the premise that the performance of a pavement can be predicted by considering the following factors:

Traffic: The amount of traffic that the pavement will be subjected to over its design life.

Environment: The environmental conditions that the pavement will be exposed to, such as climate, soil type, and drainage.

Pavement materials: The materials that will be used to construct the pavement, such as asphalt concrete, aggregate, and subbase.

The AASHTO 1993 method uses a series of equations to calculate the structural number (SN) of a pavement. The SN is a measure of the pavement's ability to resist traffic loading. The higher the SN, the more resistant the pavement is to traffic loading.

The design process begins by determining the design traffic, which is the amount of traffic that the pavement will be subjected to over its design life. The design traffic is expressed in terms of equivalent single axle loads (ESALs).

Once the design traffic is known, the next step is to determine the environmental conditions that the pavement will be exposed to. The environmental conditions are used to calculate the reliability of the pavement, which is a measure of the probability that the pavement will perform satisfactorily over its design life.

The final step is to select the pavement materials and thicknesses. The pavement materials and thicknesses are chosen to achieve an SN that is equal to or greater than the required SN.

The AASHTO 1993 flexible pavement design method is a widely used method that is considered to be a reliable method for designing flexible pavements. However, it is important to note that the method is empirical, which means that it is based on data from past projects. As a result, the method may not be accurate for all projects.

The Mechanistic-Empirical Pavement Design Guide (MEPDG) is a modern and advanced methodology for designing pavements. Unlike the traditional approach, the MEPDG is based on the principles of engineering mechanics and takes into account a wider range of factors that impact pavement performance. This innovative method, known as mechanistic-empirical (ME) pavement design, has undergone rigorous validation using extensive road test performance data.

Compared to the AASHTO 1993 method, the MEPDG offers a more comprehensive and sophisticated approach to pavement design. It considers several crucial factors that influence pavement performance, including the mechanical properties of pavement materials, the

composition and thickness of pavement layers, the type and magnitude of traffic loading, and the prevailing environmental conditions such as climate, soil type, and drainage.

To predict the performance of pavement under various loading and environmental conditions, the MEPDG employs a series of computer models. These models are developed based on established principles of engineering mechanics and have been calibrated using data obtained from real-world road tests. By incorporating these validated models, the MEPDG provides designers with more accurate and reliable predictions of pavement behavior.

While the MEPDG offers significant advantages over the AASHTO 1993 method, it does come with certain complexities and increased time requirements. Due to its advanced nature, the MEPDG necessitates a thorough understanding of its principles and methodologies. As a result, its widespread adoption in practice has been relatively limited thus far. However, as more transportation agencies gain familiarity with the MEPDG and recognize its benefits, its acceptance and implementation are steadily increasing.

The MEPDG represents a significant shift in pavement design methodology, aiming to enhance the quality, performance, and longevity of road infrastructure. By considering a broader range of influential factors and utilizing validated computer models, the MEPDG empowers engineers to design pavements that are better suited to withstand the demands of traffic loading and environmental conditions. As the adoption of the MEPDG continues to grow, it holds great potential for revolutionizing the field of pavement design and contributing to the development of more durable and sustainable road networks.

To develop the ANN-based models, four key variables have been carefully selected from various layers of the pavements. These variables encompass crucial aspects of pavement material

properties and performance indices. Four different variables are selected from the four different layers of the pavement as shown in **Figure 1**. IRI from the top surface, E* from the base course, $|G_b|$ and δ_b from the binder course, and SWCC parameters from Subgrade.

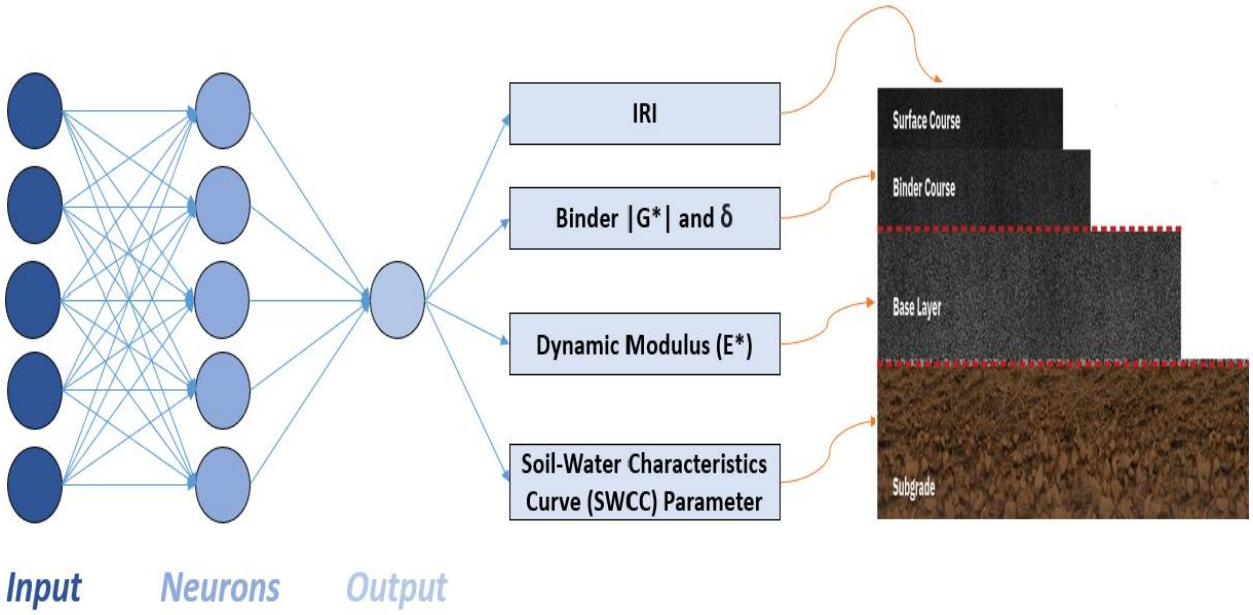


Figure 1 *Four Key Variables from Four Different Layers for ANN Model Development*

By incorporating these four variables into the ANN-based models, researchers aim to capture the essential characteristics and behaviors of the pavement system, leading to more accurate predictions of its material properties and performance indices.

There are numerous variables related to pavement design and maintenance. Among all of them, this literature selected the International roughness index, Dynamic Modulus, Dynamic Shear Modulus, and Phase Angle of Binder, Soil-Water Characteristics Cruve Parameters to investigate. In the following sections of this chapter, all these variables are discussed in detail.

2.3 International Roughness Index

The highway agencies identified roughness as the primary indicator for pavement performance from the early ‘80s. But different agencies were pursuing different methods and techniques to quantify the roughness. Therefore, the indexes were not comparable to each other. Even most of the roughness indices were not reproducible. To improve the roughness measuring system National Cooperative Highway Research Program conducted a research project in 1980 (Gillespie 1980). The World Bank continued the project to implement the rough measuring system in its project in developing countries. World Bank’s studies showed that if the methods are standardized, most of the equipment can produce a repeatable roughness index (Sayers 1986). Therefore, a new roughness index measuring method was developed and it was named as International Roughness Index (IRI).

The major advantage of IRI is that it is reproducible, repeatable, and stable with time. To measure the IRI, a “golden car” is utilized whose suspension properties are known. By simulating the response of this “golden car” at 80 km/hr (49.7 miles/hr), the IRI value is calculated. The ride response of the golden car is highly correlated with the slope statistics. In earlier research, the properties of the “golden car” were selected in such a way that it provides slope statistics (m/km) for a wide range of vehicles (Sayer 1986). Since then, IRI has been used internationally to measure road roughness.

The IRI measurement using the automotive car is convenient and accurate. But there is a huge expense associated with the process. Therefore, several IRI prediction models were developed using different techniques. The empirical method, Mechanistic-Empirical method, and probabilistic methods were utilized to develop the IRI prediction model (Gopisetti 2017). Artificial Neural Network has been proven to be useful to develop different prediction models with non-

linear pavement properties (Acharjee & Souliman, 2022). Several artificial neural network-based IRI prediction model has been developed using structural, climate, and traffic properties of pavement (Pan et al., 2012; Yang et al.; 2015, Mazari & Rodriguez 2016; Ziari et al., 2016).

Attoh-Oktin (1994) developed an IRI prediction model utilizing a backpropagation neural network. Data from the Long-Term Pavement Performance (LTPP) database were utilized to develop the model. The study was focused on predicting IRI for newly constructed pavement. Therefore, the input data for the model was asphalt layer thickness, asphalt content, structural number, cumulative equivalent single axel load, and percentage of fines passing #200 sieve. Lin et al., (2003) developed an IRI prediction model using pavement distress data. Two hidden layers with six neurons each were utilized in the network to train the model with 14 input variables. After developing the model, sensitivity analysis was performed. The result from the sensitivity analysis was that patching, rutting and potholes were the most significant input parameter for IRI prediction. Mazari and Rodriguez (2016) developed an IRI prediction model with only three input variables. Pavement age, Equivalent Single Axle Load (ESAL), and Structural Number (SN) were the three input variables. The model was developed with hybrid Gene Expression programming ANN (GEP-ANN). The model was developed with twenty neurons in one hidden layer using LTPP data from eight US states and two Canadian provinces. The GEP-ANN prediction model performed better than the GEP-only model. Ziari et al., (2016) developed an IRI prediction model with traffic, climate, and structural data. The model had there hidden layer with 100, 50, and 30 neurons. The model predicted both short and long-term IRI with high accuracy.

From the literature survey, it can be concluded that ANN-based IRI performed well for different input variables. Structural data like asphalt content, SN, and distress data are not readily available always. Therefore, easily available input variables – climate and traffic variables-based IRI

prediction model will have practical value to practitioners. The objective of this study develop a ANN-based IRI prediction model only with climate and traffic data.

2.3 Dynamic Modulus (E*)

Dynamic modulus is a key material property for asphalt pavement. It complements the volumetric mix design and is one of the primary properties used in the Asphalt Mixture Performance Test protocol. In Mechanistic-Empirical Design Guide (MEPDG), the dynamic modulus is used in the advanced pavement response model, and it allows for estimating the response of a pavement structure to a given load condition at the design stage. Moreover, the dynamic modulus defines the stiffness properties of the asphalt mixture as a function of temperature and loading rate. Due to its significance, several predictive models have been developed to predict dynamic moduli (Bari et al., 2006; Ceylan et al., 2009; Christensen et al., 2003). First-generation regression models are easy-to-use equation-based models. Witczak and Hirsch's models are the two most popular models in the asphalt community. Several Artificial Neural Network (ANN)-based models have also been developed. They have shown higher predictive performance than the regression-based models (Acharjee & Souliman, 2022; Ceylan et al., 2009). However, several studies have concluded that the predictive models need local calibration and validation to predict dynamic modulus in local scenarios (Barugahare et al., 2021, 2022). Therefore, there is a need for locally calibrated dynamic modulus predictive models for mixtures outside the USA. Colombia has a dataset with dynamic modulus with aggregates, binder, and volumetric properties. In this study, ANN is employed to develop a dynamic modulus prediction model using the Colombian mixture dataset.

Asphalt is a viscoelastic material. Therefore, its stiffness depends on the loading time and temperature of the mix. To describe its stiffness, several parameters have been used like – flexural stiffness, resilient modulus, creep compliance, relaxation modulus, and dynamic modulus (Bari, 2005). Dynamic modulus was introduced by Varner Poel of the Shell oil company in the early 1950s (Van Poel, 1954). It is the ratio between the amplitude of stress and strain when the asphalt mixture is subjected to dynamic loads (**Equation 2.1**).

$$E^* = \frac{\sigma o}{\varepsilon o} \quad \textbf{(2.1)}$$

Where,

$|E^*|$ = Dynamic Modulus,

σ_0 = maximum stress amplitude,

ε_0 = maximum strain amplitude.

Dynamic modulus was identified as a good performance indicator and recommended for the Simple Performance Test (SPT) in NCHRP 9-19 project. Due to its importance, several predictive models have been developed to predict the dynamic modulus from simple/empirical-based material properties. The earliest models were presented as a nomograph to predict logarithmic dynamic modulus (Heukelom and Klomp 1964; McLeod 1976; Shook and Kallas 1969) based on basic/empirical variables (i.e., penetration, softening point, volumetric mix properties, etc). Shook and Kallas (1969) pioneered the idea of developing a non-linear regression-based model to predict the dynamic modulus (Shook & Kallas, 1969). Witczak refined that idea and worked his whole life to continuously improve the regression-based model. He published several regression-based models over the years and improved models with new accumulated data

(Andrei et al., 1999; Bonaquist et al., 1998a; Witczak & Fonseca, 1996). The final Modified Witczak 2006 is the most widely used dynamic modulus predictive model in the asphalt community (Ceylan et al., 2009). Along with the original 1999 Witczak equation, the modified Witczak equation was incorporated into the MEPDG software (Bari et al., 2006). The 2006 Witczak model is mentioned in **Equation 2.2**:

$$\log_{10}E = -0.349 + 0.754\,(|G_b^*|^{-0.0052})\,\{\,6.65 - 0.032\,\rho_{200} + 0.0027\rho_{200}^2 + 0.0001\rho_4^2 + 0.006\,\rho_{38} - 0.00014\rho_{38}^2 - 0.08V_a - 1.06\left(\frac{Vbeff}{Vbeff+Vbefff}\right)\}$$

$$+\left(\frac{2.558+0.032Va+0.713\left(\frac{Vbeff}{Vbeff+Vbefff}\right)+0.0124\rho38-0.0001(\rho38)\text{^}2-0.0098\rho34}{1+e^{-(0.7814-0.5785\log|Gb*|+0.8834\log\delta b)}}\right) \qquad (2.2)$$

Where,

E^* = Dynamic modulus, psi

ρ_{200} = Percentage of aggregates (by weight) passing through no. 200 sieve, %

ρ_4 = Percentage of aggregates (by weight) retained on no. 4 sieve, %

ρ_{38} = Percentage of aggregates (by weight) retained on the 3/8 inch sieve, %

ρ_{34} = Percentage of aggregates (by weight) retained on the 3/4 inch sieve, %

V_a = Percentage of air voids (by volume of the mix), %

V_{beff} = Percentage of effective binder content (by volume of the mix), %

$|G_b^*|$ = Dynamic shear modulus of binder, psi

δ_b = Phase angle of binder associated with $|G_b^*|$, degree

The modified Witczak-Bari equation was developed using 7,400 data points from 346 mixtures. The R^2 of the model was 0.9 and S_e/S_y was 0.80 on the arithmetic scale. For the whole database, dynamic shear modulus ($|G^*|_b$) and associated phase angle (δ_b) for the binder were not available. Therefore, the Cox-Mertz rule, using correction factors for the non-Newtonian behaviors was utilized to calculate $|G^*|_b$ and δ_b from binder A-VTS values using **Equations 2.3-2.5**:

$$|G^*|_b = 0.0051 f_s \eta_{f_s,T} (sin\delta_b)^{7.1542 - 0.4929 f_s + 0.0211 f_s^2} \quad (2.3)$$

$$\delta_b = 90 + (-7.3146 - 2.6162 * VTS') * log\left(f_s * \eta_{f_s,T}\right) \quad (2.4)$$
$$+(0.1124 + 0.2029 * VTS') * log\left(f_s * \eta_{f_s,T}\right)^2$$

$$loglog\eta_{f_s,T} = 0.9699 f_s^{-0.0527} * A + 0.9668 f_s^{-0.0575} * VTSlogT_R \quad (2.5)$$

Where,

$|G^*_b|$ = Dynamic Shear Modulus, Pa

f_s = Dynamic shear frequency, Hz

δ_b = Binder phase angle predicted from **Equation 2.4**, Degrees

$\eta f_{s,T}$ = Viscosity of asphalt binder at a particular loading frequency (f_s) and temperature (T) determined from **Equation 2.5**, centipoise

T_R = Temperature in Rankine scale, Rankine

Based on existing the law of mixtures, Christensen et al., (2003) developed the Hirsch model to predict dynamic modulus. Several versions of the Hirsch models were examined. The most effective model utilized binder dynamic shear modulus ($|G_b^*|$), Voids in Mineral Aggregates (VMA), and Voids Filled with Aggregates (VFA) to provide an accurate result in the simplest form. **Equation 2.6-2.8**: describes the model. Some other complex models attempted to utilize the

film thickness or modulus of the mastic to predict dynamic modulus. Due to the Hirsch model's simplicity and fair performance compared to other regression-based models, it gained national interest in the USA. The Hirsch model was developed from 18 different mixtures from five different aggregate gradations and eight different binders. It showed mixed performance compared to the Witczak model in different studies. Yu & Shen, 2012 and Khattab et al., 2015 reported better performance than the Witczak model and Zhao et al., 2017 reported worse performance than the Witczak model. At low air voids and low VFA, this model lacks a strong dependency on volumetric properties (Al-Khateeb et al., 2006). Hirsch Model is described in **Equations 2.6-2.8** (Y. R. Kim et al., 2011).

$$|E^*|_m = P_c\left[4{,}200{,}000\left(1-\frac{VMA}{100}\right)+3|G^*|_b\left(\frac{VFA*VMA}{10{,}000}\right)\right]+\frac{(1-P_c)}{\frac{(1-VMA/100)}{4{,}200{,}000}+\frac{VMA}{3|G^*|_b(VFA)}}\quad(2.6)$$

$$\phi = -21(logP_c)^2 - 55logP_c \quad (2.7)$$

$$P_c = \frac{\left(20+3|G^*|_b VFA/VMA\right)^{0.58}}{650+\left(3|G^*|_b VFA/VMA\right)^{0.58}} \quad (2.8)$$

Where,

$|E^*|_m$ = Dynamic modulus of HMA, psi

P_c = Aggregate contact volume

VMA = Voids in Mineral Aggregates, %

VFA = Voids Filled with Aggregates, %

φ = Phase angle of HMA, Degree

ANNs consist of input, hidden, and output layers with connected neurons that attempt to mimic the human brain. ANN is a powerful tool to classify complicated nonlinear relationships (Kumari & Bhargava, 2019). ANN-based models have shown a powerful performance in predicting non-linear complex pavement materials properties. Several ANN-based prediction models have been developed to predict pavement properties like fatigue endurance limit, rotational viscosity, and resilient modulus (Bastola et al., 2022; M. M. Isied et al., 2021; M. Isied & Souliman, 2021). Several dynamic modulus prediction models have been developed over the years using ANN. Ceylan et al., (2009) developed multiple dynamic modulus prediction models using ANN by utilizing the 7,400 data points from 346 mixtures used in the Modified Witczak model. The ANN-based models showed a better performance than the traditional regression-based model(Acharjee & Souliman, 2022; Ceylan et al., 2009) The R^2 was in the range of 0.95-0.99. Far et al. (2011) developed an ANN model with 12,250 data points reporting an R^2 greater than 0.90. The input variables were the same as in the Hirsch model. The Hirsch-based ANN model performed better than the Witczak and Hirsch model in the same database (Far, 2011). Kaya et al. (2018) developed an ANN-based dynamic modulus prediction model for airfield pavements. They tested the Witczak model in the airfield pavement database. The R^2 for Witczak was 0.7 and R^2 for the ANN was 0.96. Kim et al. (2011) reviewed existing dynamic prediction models and developed several ANN-based prediction models that populate missing LTPP dynamic modulus data. Barugahare et al. (2021) developed an ANN-based model mixture containing recycled asphalt pavement. One of the conclusions of their study was that existing models may not work for all conditions and should be locally calibrated. Rahman and Tarefder (2017) also developed a dynamic modulus predictive model for New Mexico's super pave asphalt mixture. They also conclude that the ANN model

performed better than the regression model and that New Mexico's mixtures need local calibration to accurately predict the dynamic modulus.

The literature survey also concludes that existing predictive models need local calibration for new mixtures (Barugahare et al., 2021, 2022). Therefore, it seems that there is a need to develop a dynamic modulus predictive model to fit the Colombian HMA mixtures. The literature survey also concludes that all the ANN models performed better than the regression models with the same input variables (Acharjee & Souliman, 2022; Ceylan et al., 2009). However, most of the ANN-based models' parameters are vaguely reported in the literature, which makes the model difficult to reproduce and test. In comparison, equations derived from the traditional regression-based models are easier to reproduce and accessible to the practitioner for future use. Therefore, there is a need for an equation-based model with better accuracy than the traditional regression-based model. Though the ANN-based model has been considered a black box earlier, little research has been performed to extract the equation from ANN-based models, and the equation was extracted from the model to replicate the ANN model (Barzegaran et al., 2022; Bastola et al., 2022; Pérez-Acebo et al., 2022; Sollazzo et al., 2017). This study is an attempt to bridge the gap between these traditional regression-based models and ANN-based prediction models by producing an equation from the ANN-based model with higher accuracy than the traditional regression.

2.4 Dynamic Shear Modulus ($|G_b^*|$) and Phase Angle (δ_b)

Asphalt binder is a viscoelastic material. Viscosity is used as a principal binder parameter in Mechanistic-Empirical Design Guide (MEPDG) developed under NCHRP project 1-37A. The viscosity is calculated from the traditional ASTM A-VTS relationship in the guide (Applied

Research Associates, 2004). Viscosity derived from the A-VTS relationship does consider the effect of frequency on the binder. To account for the effect of temperature and frequency, dynamic shear modulus $|G_b^*|$ and d_b have been incorporated into the Performance Grading (PG) system. There are lots of viscosity-related A-VTS data available before the adoption of the PG grading system. To link the older A-VTS data with $|G_b^*|$ and d_b prediction models are necessary. Machine Learning techniques like Artificial Neural Networks (ANN) have shown better performance in prediction model development earlier. In this study literature survey on the $|G_b^*|$ and d_b prediction model will be conducted, and ANN will be employed to develop better-performing prediction models for $|G_b^*|$ and d_b.

Binder viscosity (h) is an important material property of asphalt binder. It is the ratio between shear stress and shear strain. It expresses the binder resistance to flow against an external flow. As asphalt binder is a visco-elastic material, its physical and rheological properties depend on both temperature (T) and frequency (f). At high temperatures, the viscosity is less for asphalt binders. The shear stress and strain ratio is nearly constant and acts like a Newtonian Liquid at high temperatures. But at low temperatures, the asphalt binder acts like a non-Newtonian fluid(Bari, 2001). The ASTM A-VTS relationship is utilized to calculate the binder viscosity at a given temperature in **Equation 2.9**

$$\text{Log}(\text{Log}(\eta)) = A + VTS.\text{Log}(T_R) \qquad \textbf{Equation 2.9}$$

Where,

η = Absolute Viscosity, centipoise

T_R = Temperature, Ranking

A = Intercept of Viscosity-Temperature Susceptibility Plot

VTS = Slope of Viscosity-Temperature Susceptibility Plot

But this relationship does not account for the effect of frequency on the viscosity of asphalt binder. To utilize the impact of both temperature and frequency on a binder, Dynamic Shear Modulus for binder (|Gb*|) has been incorporated into the Performance Grading (PG) system. $|G_b^*|$ is the ratio between maximum shear stress and shear strain of binder under dynamic loading. This value is reported in absolute value with phase angle (δ_b). As asphalt is a visco-elastic material, there is a time lag between the stress and strain under dynamic loading. Under controlled-stress testing mode, the angle between sinusoidally applied stress and resultant strain is defined as the phase angle.

Cox and Merz (1958) provided the relationship between steady-state viscosity (h) and dynamic shear modulus (|Gb*|) (Cox, W.P. and Merz, 1958), accounting for the frequency under dynamic loading. They established the relationship with elatsoviscomter data using the Markovtix equation (Markovitz, 1952). The Cox-Merz rule can explain the rheological behavior of materials showing visco-elastic behavior (Doraiswamy et al., 1991). Witczak et al. (1998) developed a $|G_b^*|$ prediction model using the Cox-Merz rule (Bonaquist et al., 1998). To account for the non-newtonian behavior of asphalt binder over the complete temperature range, they introduced a correction factor for the frequency. The model was optimized by minimizing the sum of the squared error on a logarithmic scale. As a result, it provided decent goodness of fit on a logarithmic scale, but the performance decreased on an arithmetic scale. The number of data points utilized in that study was 3,245 points. Later, Bari and Witczak (2001) developed $|G_b^*|$ and d_b prediction models with 8,940 data points with better performance in several statistical parameters (Bari & Witczak, 2007). The Bari-Witczak Models use temperature-frequency dependent viscosity ($h_{f,T}$), frequency (f), and phase angle (δ_b) as input to predict the $|G_b^*|$ in **Equation 2.10**:

$$|G_b^*| = 0.0051\ f\ h_{f,T}\ (\sin \delta_b)^{7.1542 - 0.4929f - 0.0211f\wedge 2} \quad (2.10)$$

Where,

$|G_b^*|$ = Dynamic shear modulus, Pa

f = Loading frequency in dynamic shear loading mode in DSR test to measure $|G_b^*|$ and δ_b, Hz

$\eta_{f,T}$ = Viscosity of asphalt binder for certain loading frequency (f) and temperature (T), centipoise

δ_b = Phase angle, degree

The viscosity ($h_{f,T}$) for certain temperatures and frequency is calculated from the conventional ASTM A-VTS relationship mentioned **in Equation 2.9**. The only difference is that the $h_{f,T}$ was calculated using adjusted A'-VTS' instead of conventional A-VTS. The A-VTS must be adjusted for the frequency with **Equation 2.11** and **Equation 2.12** to calculate the $\eta_{f,T}$.

$$A' = 0.9699\ f^{-0.0527}\ A \quad (2.11)$$

$$VTS' = 0.96668\ f^{-0.575}\ VTS \quad (2.12)$$

Where,

A' = Adjusted A for loading frequency

VTS' = Adjusted VTS for loading frequency

The phase angle (d_b) prediction model associated with the $|G_b^*|$ is described in **Equation 2.13**. $|G_b^*|$ is not a input variable in the phase angle prediction.

$$\delta_b = 90 + (-7.31346 - 2.6162\ VTS') * Log(f^* h_{f,T}) + (0.1124 + 0.2029VTS') * Log(f^* h_{f,T})^2 \quad (2.13)$$

Where,

δ_b = Phase angle, degree

Onifade and Birgisson (2020) improved the $|G_b^*|$ and d_b prediction model with two separate models for unmodified and modified binders (Onifade & Birgisson, 2020). They used a non-linear optimization technique based on the Nelder-Mead optimization method to calculate the coefficient for the models. They used the same data points used in the Bari-Witczak model. But they eliminated some data points from the modified binders by analyzing the trend of the phase angle tendencies. The final training data points for their model development were 7,120 out of the possible 8,940 data points. The $|G_b^*|$ prediction model for the unmodified binder is expressed in **Equation 2.14,** and for the modified binder, it is in **Equation 2.15**.

$$Log|G_b^*|_{unmodified} = [\ 3.541 + \frac{5.879}{1+0.4575\exp(-0.3251\ Log(\eta.\omega))}]* (-VTS)^{0.58} \quad (2.14)$$

$$Log|G_b^*|_{modified} = [\ 5.378 + \frac{9.437}{1+0.5731\exp(-0.2773\ Log(\eta.\omega))}]* (-VTS)^{0.28} \quad (2.15)$$

Where,

$|G_b^*|$ = Dynamic Shear modulus, psi

h = Viscosity, Megapoise

ω = Angular frequency, rad/sec

VTS = Slope in the viscosity-temparature susceptibility plot

Onifade-Birgisson developed two separate models for unmodified and modified binders. The models are described in **Equation 2.16** and **Equation 2.17**. The maximum value for the phase angle is set to 90°. Dynamic shear modulus at a temperature of -96° C is an input in the prediction model for phase angle (δ_b).

$$\delta_{b\ unmodified} = \frac{Log\ |Gb*|ref}{0.03612.\exp\left(-0.05274\ Log(\ \eta.\omega^{0.7}\right) + 0.03486.\exp\left(0.3037\ Log(\ \eta.\omega^{0.7}\right)} \quad (2.16)$$

$$\delta_{b\ modified} = \frac{Log\ |Gb*|ref}{0.02672.\exp\left(-0.08037\ Log(\ \eta.\omega^{0.7}\right) + 0.04144.\exp\left(0.2432\ Log(\ \eta.\omega^{0.7}\right)} \quad (2.17)$$

Where,

δ_b = Phase angle, degree

Log $|G_b^*|_{ref}$ = Dynamic modulus at -96° C using **Equation 2.14** and **2.15**, psi

Both Bari-Witczak and Onifade-Birgisson models were developed using traditional regression techniques. They used the same database developed by Witczak and his colleagues. Witczak et al. also developed a similar database for the dynamic modulus (E*) and developed regression-based dynamic modulus prediction models from that dataset (Bari, 2005). On that same dataset, Artificial Neural Network (ANN)-based prediction model performed better than the traditional regression-

based models (Ceylan et al., 2009) (Acharjee & Souliman, 2022). Even ANN-based models performed better in predicting dynamic modulus for special mixtures (Rahman & Tarefder, 2017; Liu et al., 2018; Barugahare et al., 2022). Surprisingly, the ANN-based |Gb*| prediction model from binder properties has not been studied yet. There are several $|G_b^*|$ prediction models from mixture properties. Recently, ANN-based models have been utilized in predicting pavement properties (M. M. Isied et al., 2021; M. Isied & Souliman, 2021). As $|G_b^*|$ and E* both are the ratio between stress and strain, ANN-based models have a higher chance to perform better in predicting the $|G_b^*|$, than the regression-based models. Earlier, ANN-based models were treated as a black box, and no equation was generated from the models. But it is possible to extract an equation from the ANN-based model to make the model easier to use (Bastola et al., 2022). Therefore, ANN will be utilized in this study to develop a better model with an extracted equation.

2.5 Soil Water Characteristics Curve (SWCC) Parameter

The soil-water characteristic curve (SWCC) depicts the relationship between matric suction and water content for a specific soil type. Matric suction is a vital property of soils and plays a fundamental role in solving engineering problems related to unsaturated soil mechanics, particularly in the areas of fluid flow, compressibility, and shear strength. For instance, when analyzing the unsaturated moisture flow beneath a highway pavement, it is necessary to determine the hydraulic conductivity of the base course and subgrade materials based on their water content, which can be estimated using the SWCC.

Although the application of unsaturated soil theories and testing has gained traction in engineering practice, determining the SWCC still requires specialized unsaturated soil testing equipment, testing expertise, and time-consuming procedures. To offer an alternative to laboratory testing, this

dissertation proposes a straightforward and cost-effective method for deriving SWCCs using grain-size distribution (GSD) and basic index properties.

Several approaches have been employed to estimate the SWCC based on GSD and other soil properties. These methods can be classified into three main categories: statistical estimation of water contents at specific matric suction values, correlation analysis between soil properties and fitting parameters of an analytical SWCC equation, and estimation of the SWCC using a physics-based conceptual model. Various models have been compared by researchers, as documented in studies by van Genuchten & Leij (1992), Williams & Ahuja (1992), Kern (1995), Nandagiri & Prasad (1997), and Zapata (1999).

In an important study by Houston et al. (2005), the second approach, involving correlation analysis, was adopted. Researchers such as Ghosh R.K. (1980), Rawls et al. (1991), Williams & Ahuja (1992), Cresswell & Paydar (1996), Tomasella & Hodnett (1998), Zapata (1999) have also employed this approach. The SWCC determination in this study was based on the Fredlund and Xing equation, which includes four fitting parameters. These four parameters were correlated with the GSD and plasticity index (PI) derived from the samples.

The NCHRP 9-23 project, titled "Environmental Effects in Pavement Mix and Structural Design Systems," conducted at Arizona State University (ASU) since 2000. The project's main objective is to investigate the impact of environmental factors on two critical aspects of pavement design: equilibrium moisture content beneath highway pavements and pavement aging effects. ASU's team of geotechnical and advanced pavement researchers has conducted extensive studies in these areas.

As part of the NCHRP 9-23 project, material samples were collected from beneath highway pavements at 30 locations across the United States. These samples underwent comprehensive

laboratory testing, which included determining moisture content, in-situ dry unit weight, liquid limit, plastic limit, specific gravity, GSD, hydrometer analysis, saturated hydraulic conductivity, and SWCCs of the base course and subgrade materials.

The test results obtained were combined with an existing database compiled by Zapata in 1999. Utilizing this database, Zapata developed a useful set of SWCCs for both granular and fine-grained soils based on GSD parameters such as the percentage passing the No. 200 sieve, the diameter corresponding to 60% passing, and the plasticity index. These equations were subsequently adopted in the NCHRP 1-37A project, titled "Design Guide for New and Rehabilitated Pavement Design." Therefore, the main goal of this dissertation is to develop a prediction model for SWCC parameters using grain size distribution data with liquid limit and plastic limit.

CHAPTER 3
DATABASE FOR MODEL DEVELOPMENT

3.1 Pavement Performance Data from LTPP

Initiated in the year 1987, Long Term Pavement Performance (LTPP) database has always been the largest pavement database under the Strategic Highway Research Program (SHRP) was initiated in 1987. Under SHRP Long Term Pavement Performance (LTPP) database has been the largest pavement database. There are 2,581 sections in the LTPP database which are spread across the 50 states in the United States and 6 provinces in Canada. Out of those 2,581 sections, Texas has 217 sections in the LTPP database. 170 sections in Texas are flexible pavements. In this study flexible pavements with no rehabilitation work from Texas were selected to build the model. The number of sections matching these criteria in LTPP is 36. **Figure 2** shows the location of the 36 sections considered in this study.

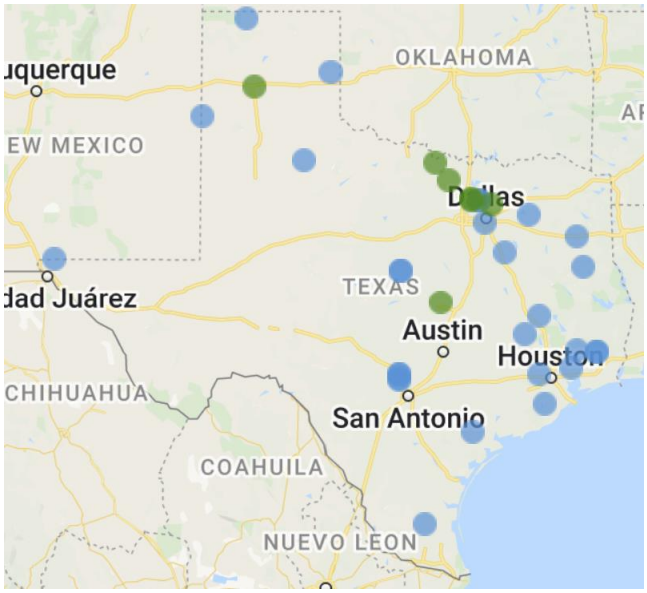


Figure 2 *Pavement Sections Considered in the Study*

The IRI value increases over time as the pavement gets deteriorated. After rehabilitation work, the IRI value decreases. Therefore, IRI values before any rehabilitation work were utilized to train the model. The IRI value increment depends on the age and the previous IRI of the road section. Therefore, previous IRI and days between two consecutive IRI measurements are used as input in the model. The climate data for every section is gathered from Modern-Era Retrospective Analysis for Research and Applications (MERRA) developed by NASA. Precipitation, evaporation, freezing days, thawing days, average temperature, mean temperature, and average humidity are calculated between two consecutive IRI data and they are utilized as input. As truck traffic plays a major role in pavement deterioration, Annual Average Daily Truck Traffic (AADTT) is utilized as the input in the model.

3.2 E* Related Data

This research paper employs the dataset associated with the development of the modified Witczak equation. The dataset, accessible to researchers via NCHRP Report 547, comprises a total of 7400 data points. These data points encompass properties of aggregates and binders collected from 346 mixes. The database provides various variables alongside dynamic modulus measurements. Based on the prior model and statistical analysis, eight input variables have been chosen for constructing the predictive model**.**

3.3 G*- δ related data

Witczak and his colleagues developed a comprehensive database of binder $|G_b|$, δ_b, A, VTS, frequency, and temperatures over the years. That database contained 8,940 data points from 41 binders. Out of 41 binders, 32 binders are unmodified, and 9 binders are modified. The testing data covers original, RTFO, and PAV aging conditions.

In this research, a comprehensive database of asphalt binder stiffness, including ASTM A-VTS viscosity (rj), shear modulus (G_b*), and phase angle (δ_b), is utilized. This database is valuable for the accurate modeling of binder stiffness. It should be noted that the viscosity of asphalt binder in the database is indirectly reported through the A and VTS parameters, which are obtained from the ASTM A-VTS relationship. Typically, the ASTM i-VTS relationship is determined using regression analysis of laboratory viscosity data (loglog viscosity in centipoises) and test temperature data (log temperature in degree Rankine). Suggested values of "A" and "VTS" for specific performance-graded (PG) binders can also be obtained from the NCHRP 1-37A project reports.

The original database was developed by Bonaquist et al. (1998) and Witczak et al. (1996) to predict binder viscosity (η) using laboratory $|G_b|$ data for the Witczak E* predictive model. This model relied on A-VTS viscosity and $|G_b|$ data from 33 different conventional and modified asphalt binders, considering three aging conditions: original or tank condition, construction phase aging using the Rolling Thin Film Oven (RTFO), and in-service aging using the Pressure Aging Vessel (PAV) at 100°C.

Furthermore, the researcher expanded the database by testing the complex shear modulus of five conventional and one modified asphalt binder commonly used by the Arizona Department of

Transportation (ADOT) as part of their Master of Science research at ASU. Additionally, complex shear modulus testing was conducted on two modified Finnish binders obtained from VTT, Communities and Infrastructure, Finland, for Pellinen's Ph.D. dissertation. These binders, along with the six ADOT binders, underwent an additional aging process using PAV at 110°C, in addition to the three aging conditions mentioned earlier. ASTM A-VTS viscosity (η) data were obtained through Conventional and Superpave consistency tests, while $|G_b|$ data were obtained through Dynamic Shear Rheometer (DSR) testing. The DSR tests were conducted at various temperatures and oscillatory loading frequencies for detailed analysis, resulting in 3,300 new q-Gb data points from the additional eight binders tested at ASU.

Consequently, the expanded database consists of complex shear modulus data for a total of 41 different types of asphalt binders, including nine modified binders, with a wide range of modifications and aging. The database comprises a total of 8,940 q-Gb* test data points. This extensive database was used in the research to integrate binder characteristics with HMA mixture characteristics. For a summary of all the asphalt binders included in the expanded database, refer to **Appendix C**.

3.4 SWCC Coefficient-Related Data

The information was obtained from the National Database of Subgrade Soil-Water Characteristic Curves, which includes selected soil properties specifically designed for use with the MEPDG (Mechanistic-Empirical Pavement Design Guide). The database encompasses 31,100 distinct soil types spread across the United States and Puerto Rico. For each soil unit, fundamental soil index properties were accessible. Moreover, field measurements were conducted to record the Soil-Water Characteristic Curve (SWCC) parameters at depths of up to 9 ft. **Figure 2** illustrates the

geographical coverage of the database. Research Results Digest (RRD) 347 provides a summary of the methodology employed to establish a nationwide database of unbound material properties derived from soil properties directly measured in the field. The purpose of this database is to serve agricultural and geotechnical (pavement) engineering needs, specifically focusing on depths of up to 100 inches. The soil properties are obtained from a database made accessible by the U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS), previously known as the Soil Conservation Service. The NRCS database encompasses 31,100 soil units, which are distributed across more than 9,800 soil profiles covering the continental United States, including Hawaii, Alaska, and Puerto Rico. The data was extracted from the NRCS database and underwent manipulation in both tabular and spatial formats. Tabulated data were organized based on soil profiles, with each profile containing one or more soil units. The spatial data files were divided into 814 maps that cover the entirety of the United States and Puerto Rico. These maps can be searched using a user-friendly interface developed in Microsoft Excel, which facilitates locating specific locations within a state using the project's generated maps.

CHAPTER 4
GENERAL PROCEDURE FOR ANN-BASED MODEL DEVELOPMENT

4.1 Architecture of an ANN Model

An artificial Neural Network (ANN) is a network consisting of multiple layers, where multiple neurons are connected to each other. Each connection has associated weights and biases. The network includes input, output, and hidden layers, with the possibility of having multiple hidden layers. For this dissertation, a single hidden layer with multiple neurons is utilized in the process of developing the model. The input layer comprises n number of neurons corresponding to the n number of inputs. The output layer consists of one neuron, representing the output. The values in the input neurons are normalized between -1 and 1, and after undergoing some operations in the hidden layer, the output from the output neuron is denormalized to obtain the actual value. **Figure 3** depicts the model architecture with four neurons in a single layer.

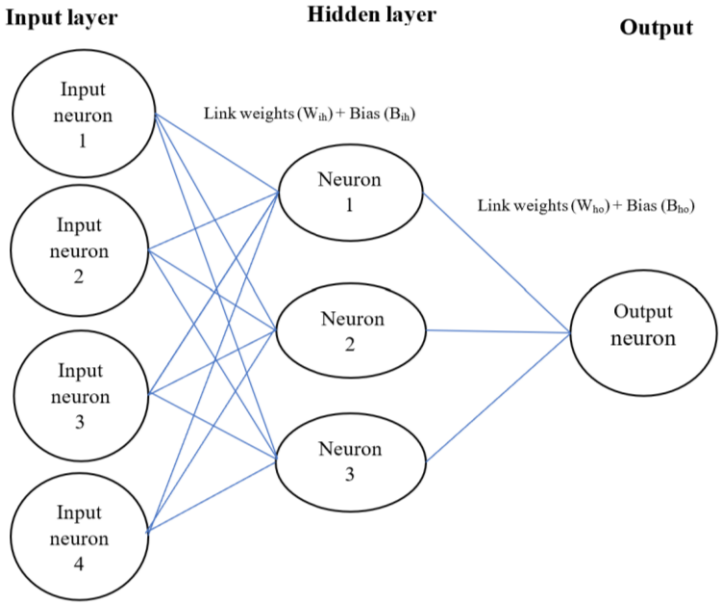


Figure 3 *Architecture of an ANN Model with 4 Input Variables with 4 Neurons in 1 Hidden Layer*

At the beginning of any run in the ANN model, the input value is normalized. The purpose of normalization is to bring all input variables to a similar scale, preventing certain features from dominating the learning process. There are various normalization techniques commonly used:

a. Min-Max Scaling (Normalization): This technique scales the values of the input variables to a specific range, typically between 0 and 1 or -1 to 1. In this dissertation, all the inputs are normalized between -1to 1. It is achieved by subtracting the minimum value and dividing by the range (maximum value minus minimum value). The details are discussed in details later.

b. Z-Score (Standardization): This technique standardizes the input variables by subtracting the mean and dividing by the standard deviation. It ensures that the variables have zero mean and unit variance.

c. Log Transformation: In some cases, when the data is heavily skewed, applying a logarithmic transformation can help normalize the distribution.

The choice of normalization technique depends on the nature of the data and the requirements of the problem at hand. In this dissertation, all the inputs are normalized between [-1,1] using **Equation 4.1.**

$$X = 2 * \frac{X - \text{Xmin}}{\text{Xmax} - \text{Xmin}} - 1 \quad (4.1)$$

Where,

X = Normalized Value of the variable x

X_{min} = Minimum value of the variable x

X_{max} = Maximum Value of the variable x

The architecture of an ANN model can be described with **Equation 4.2**

$$O = f_o\left\{B_o + \sum_{k=1}^{n}[W_k^o f_h(B_j^1 + \sum_{i=1}^{m} W_{ij}^1 X_{ni})]\right\} \quad (4.2)$$

In this dissertation, we only used the ANN model with a single hidden layer. Therefore, the expression can be simplified into **Equation 4.3**.

$$\text{ANN Model Output} = d(\{W_{oh} \text{ x } \text{Tanh}(W_{ih} \text{ x } I + B_{ih})\} + B_{oh}] \quad (4.3)$$

Where,

d = denormalization operator that deformalizes the output

W_{ih} = Matrix consists of weights from Input to First Hidden Layer

B_{ih} = Matrix consists of biases for each neuron

I = Normalized input variables as a Column Matrix

W_{ho} = Matrix consists of weights from hidden layer to output

B_{ho} = Bias matrix from hidden layer to output

The input and the hidden layer neurons are connected to weights and biases. Every single link from input neurons to the hidden layer of a neuron has assigned weights and a bias. For example, in **Figure 3** hidden neuron 1 has four links from four different inputs. Neuron 2 has the same number of links and neuron 3 also has the same number. When a normalized input is coming from the input layer to hidden layer neurons, link weights are multiplied with the input. Let's assume, the link weights from the input neurons to the hidden layer neuron 1 are W_{11}, W_{21}, and W_{31}. The corresponding bias for hidden layer neuron 1 is B_{11}. If each normalized inputs are X1, X2, and X3, the product of ($W_{11}*X_1+W_{22}*X_2+W_{31}*X_2+B_1$) is fed into hidden neuron 1. This process is

performed for each induvial neuron. The whole process is expressed in **Equation 4.3** with the matrix multiplication $\mathbf{W_{ih}\ x\ I + B_{ih}}$. Where W_{ih} are the weights from input to hidden neurons in a matrix and B_{ih} are the biases. $\mathbf{W_{ih}\ x\ I + B_{ih}}$ is activated in a hidden layer with a tangent hyperbolic function it becomes $\mathbf{Tanh(W_{ih}\ x\ I + B_{ih})}$. Then the weights from the hidden layer to the output neuron are multiplied and the bias is added. Therefore $\mathbf{Tanh(W_{ih}\ x\ I + B_{ih})}$ becomes $\mathbf{W_{oh}\ x}\ \boldsymbol{Tanh(W_{ih}\ x\ I + B_{ih})}\ \mathbf{+ B_{oh}}$. Finally, the output is denormalized with **Equation 4.4**. This equation is just the different form of **Equation 4.4**.

$$X = \frac{(Xn+1)\ (Xmax - Xmin)}{2} + X_{min} \qquad (4.4)$$

Where,

X = Variable x

X_n = Normalized Value of the variable x

X_{min} = Minimum value of the variable x

X_{max} = Maximum Value of the variable x

The output after denormalization is the actual output. In the training process, the model output and target output are compared and model parameters are changed accordingly to provide minimum error.

4.2 Training, Testing, and Validation

The training, validation, and testing process in an Artificial Neural Network (ANN) model involves several steps to ensure effective learning, evaluate model performance, and assess generalization capabilities. The detailed description is discussed in the following sections.

4.2.1 Data Split

The available dataset is typically divided into three subsets: training set, validation set, and testing set. The training set is used to train the model, the validation set is used to tune hyperparameters and monitor model performance during training, and the testing set is used to evaluate the final performance of the trained model. In this dissertation, all the data will be divided into 70-15-15 splits in the process. 70% of the data will be trained and 15% of the data will be validated and the remaining 15% will be tested.

4.2.2 Training Phase

The training phase is divided into several tasks and repeats the task cycle again and again. After Forward propagation and loss calculation, backpropagation and weight&bias update make an epoch. Epochs are repeated again and again until optimizing the loss. The whole process is discussed in the following section.

Forward Propagation: During the training phase, each input from the training set is fed through the network. The weights and biases propagate the inputs forward through the layers, activating each neuron and producing an output. This phase is discussed in detail in **Section 4.1.**

Loss Calculation: The output generated by the network is compared to the corresponding target or expected output from the training set. A loss function (e.g., mean squared error, cross-entropy) measures the discrepancy between the predicted output and the true output. In this dissertation, MSE (Mean Squared Error) is utilized as a loss function.

Backpropagation: Backpropagation is used to calculate the gradients of the loss with respect to the weights and biases in the network. These gradients represent the direction and

magnitude of weight and bias adjustments needed to minimize the loss. The gradients are propagated backward through the network.

Weight and Bias Update: The weights and biases are updated using an optimization algorithm, such as gradient descent or its variants (e.g., stochastic gradient descent, Adam). The update is performed based on the calculated gradients and a learning rate, which determines the step size for weight and bias adjustments.

Repeat: Steps a to d are repeated for a predefined number of iterations or epochs, allowing the network to learn and adjust its weights and biases to minimize the loss.

4.2.3 Validation Phase

The validation Phase is similar to the training phase. The following section discusses the validation process.

Forward Propagation: After each training epoch or a certain number of iterations, the validation set is used to evaluate the performance of the model. The inputs from the validation set are propagated forward through the network, producing predictions.

Loss Calculation: The predicted outputs are compared to the corresponding expected outputs from the validation set, and the loss is calculated using the same loss function used during training.

Performance Monitoring: The validation loss is monitored to assess how well the model is generalizing to unseen data. If the validation loss starts to increase or reaches a plateau while the training loss continues to decrease, it indicates overfitting, and adjustments to the model, such as early stopping or regularization techniques, may be necessary.

4.2.3 Testing Phase

In the testing phase, unforeseen data is utilized to test the model. The results from the testing phase give an idea about the overfitting of the model.

Forward Propagation: Once the training is completed and the model is considered ready for evaluation, the testing set, which the model has not been exposed to during training or validation, is used. The inputs from the testing set are propagated forward through the network, producing predictions.

Performance Evaluation: The predicted outputs are compared to the corresponding true outputs from the testing set. Various performance metrics are calculated to assess the model's accuracy, precision, recall, F1 score, or any other relevant metric, depending on the problem domain.

Generalization Assessment: The testing phase provides an estimate of the model's performance on unseen data and helps evaluate its generalization capabilities. It helps determine how well the model has learned to make predictions beyond the data it has been trained on.

By following this process, the training, validation, and testing phases ensure that the ANN model is trained effectively, fine-tuned for optimal performance, and evaluated rigorously to assess its ability to generalize to unseen data.

4.3 Model Parameter

After the training, validation, and testing process, the outcome of the model is the model parameter. The Tangent hyperbolic function as the activation function and normalization process is discussed

in Section 4.1. The minimum and maximum values of each variable are required to normalize the input. Next, come the two most important parameters of any ANN model – Weights and Biases.

4.3.1 Weights and Biases

The matrix for weights from Input to First Hidden Layer (W_{ih}) is m x n matrix where m is the number of neurons and n is the number of input variables. B_{ih} is a column matrix consisting of biases for each neuron. W_{ho} is a matrix consists of weights from a hidden layer to output as a row matrix. B_{ho} is the Bias matrix from the hidden layer to the output. As there is only one output in the models in this dissertation, the B_{ho} matrix has only one element. Generic expressions of W_{ih}, B_{ih}, W_{ho}, and B_{ho} matrices are expressed in the generic form in **Equation 4.5-4.8**. In the coming sections, the weights and biases will be reported for each model. Anybody can reproduce the model with minimum and maximum values of the input variables with weights and biases.

$$W_{ih} = \begin{bmatrix} 1,1 & 1,2 & \dots\dots\dots & 1,n \\ 2,1 & 2,2 & \dots\dots\dots & 2,n \\ \dots & \dots & \dots\dots\dots & \dots \\ m,1 & m,2 & \dots\dots\dots & m,n \end{bmatrix} \quad (4.5)$$

$$B_{ih} = \begin{bmatrix} 1,1 \\ 2,1 \\ \dots \\ n,1 \end{bmatrix} \quad (4.6)$$

$$W_{ho} = [1,1 \quad 1,2 \quad \dots\dots\dots \quad 1,\ m] \quad (4.7)$$

$$B_{ho} = [1,1] \quad (4.8)$$

4.3.2 Extracting Equation from the Model

If we conduct the operation in **Equation 4.3** the output will look life this in **Equation 4.9.**

$$\text{Output} = y_{r/2}\begin{bmatrix} Who1{,}1\ Tanh\ (a1x1 + a2x2 + a3x3 + \cdots \ldots\ldots\ldots\ldots + C1 \\ Who1{,}2\ \ Tanh\ (a12x1 + a22x2 + a33x3 + \cdots \ldots\ldots\ldots\ldots + C2 \\ \ldots\ldots\ldots\ldots \\ Who\ 1{,}n\ Tanh\ (an1x1 + an2x2 + an3x3 + \cdots \ldots\ldots\ldots\ldots + C \end{bmatrix} + y_{min} \quad (4.9)$$

Where,

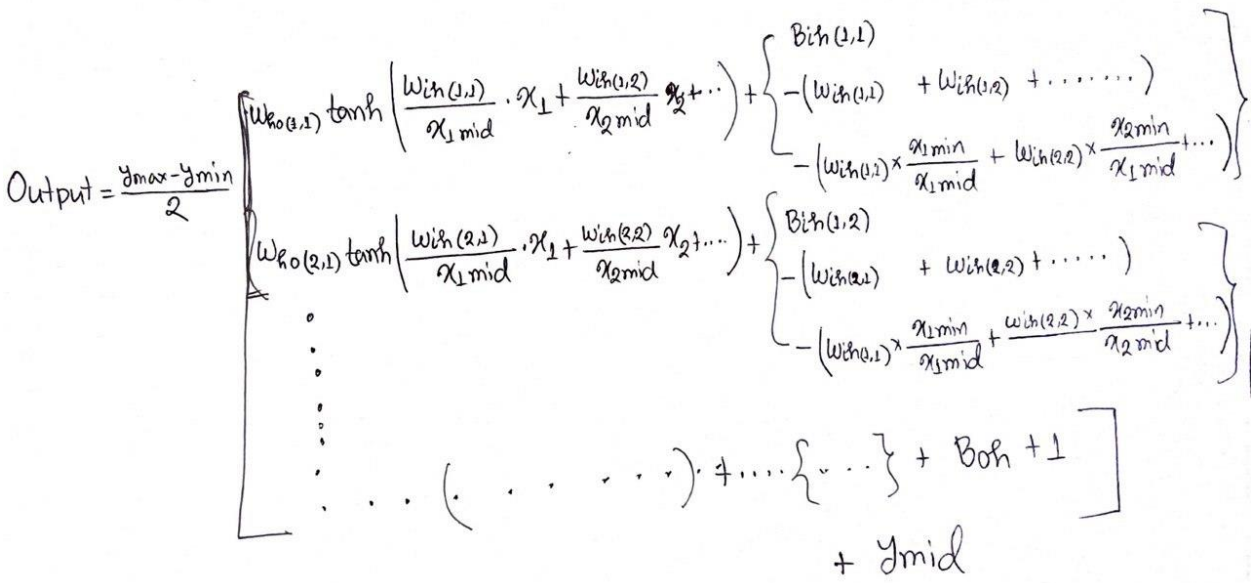
$y_{r/2} = \frac{ymax - ymin}{2}$ = Half of the range of the variable to predict

$W_{ho1,n}$ = Value from Weight Matrix from hidden layer to output

B_{ho} = Bias Matrix from output to the hidden layer

a_1, a_2, a_3, c_1, c_2…….. = Some coefficients of the generic equation

After Simplifying **Equation 4.9**, the Output will be **Equation 4.10**. With weights and bias values and **Equation 4.10**, any single hidden layer-based ANN model can be turned into an equation.



(4.10)

CHAPTER 5
STATISTICAL PARAMETER FOR MODEL COMPARISON AND SENSITIVITY ANALYSIS

After developing the model by following the step in Chapter 4, there are some tools available for model assessment. The performance of the model can be compared with existing models with a statistical parameter like R^2, RMSE, Se/Sy, etc. Sensitivity analysis can quantify the impact of each variable on model output.

5.1 Statistical Parameters

The performance of the models was evaluated with several statistical parameters such as coefficient of determination(R^2), Absolute Average Error (AAE), Root Mean Squared Error(RMSE), and S_e/S_y. First, the error of the model was calculated by subtracting measured data from the predicted data. AAE is the average of all errors in absolute value. RMSE is calculated from the mean of all squared errors. S_e/S_y is the ratio between standard error and standard deviation. The lower value of AAE, MSE, and S_e/S_y indicates a better model. The following equations were used to calculate the AAE, RMSE, and S_e/S_y.

$$E_i = \text{Predicted } y_i - \text{Measured } y_i \tag{5.1}$$

$$\text{AAE} = \frac{\Sigma|\text{Ei}|}{n} \tag{5.2}$$

$$\text{RMSE} = \sqrt[2]{\frac{\Sigma Ei^2}{n}} \tag{5.3}$$

$$S_e = \sqrt[2]{\frac{\text{SSE}}{n-1}} \tag{5.4}$$

$$S_y = \sqrt[2]{\frac{\Sigma|xi-\bar{x}|}{n-1}} \tag{5.5}$$

Where,

E_i = Model error for i-th data point

y_i = Target or output of the model for i-th data point

AAE = Abosolute average error

n = number of data points, for this study n=8940

RMSE = Root Mean Squred Erro

S_e = Standard error

S_y = Standard deviation

x_i = value of i-th data point

$\bar{x}$ = arithmetic mean of data

Another way to measure the goodness of fit for the model is by calculating the coefficient of determination (R^2). The R^2 is calculated from the predicted vs measured values of the model. The higher the R^2 value is, the better is predicts the value of $|G_b^*|$ and d_b. The R^2=1.00 for a perfect fit model. R^2 is calculated using **Equation 5.6**.

$$R^2 = 1 - \left(\frac{n-1}{n-p}\right)(S_e/S_y) \quad (5.6)$$

Where,

R^2 = Coefficient of determination

n = number of data points

p = number of regression constant

S_e/S_y = Ratio between standard error and standard deviation calculated by Equations XX and XX

5.2 Sensitivity Analysis

Any model with multiple input variables requires a sensitivity analysis. Sensitivity analysis is performed to measure the model's sensitivity to a certain input parameter change. There are two options to perform sensitivity analysis. Option One is numerical and Option Two is graphical.

In option One, sensitivity analysis is performed by calculating the sensitivity index demonstrated in **Equation 5.7**. The absolute value of the sensitivity index is reported. An input with a higher sensitivity index has a higher effect on the output of the model.

$$SI = \frac{Omax - O\,min}{Imax - Imin} \times \frac{Iav}{Oav} \quad (5.7)$$

Where,

SI = Sensitivity Index

O = Output of the model

I = Input of the model

max, min, av subscripts are for maximum, minimum, and average respectively.

Option Two is more visual and less numerical than the previous option. To perform a sensitivity analysis, a single input variable is chosen while the rest of the variables are maintained at their average values. The model's output is recorded as the selected variable is modified, and this data is then used to generate a bar chart illustrating the relationship between the predicted output and the single input variable for sensitivity analysis.

CHAPTER 6
PAVEMENT ROUGHNESS PREDICTION MODEL

6.1. Model Data

Initiated in the year 1987, Long Term Pavement Performance (LTPP) database has always been the largest pavement database under the Strategic Highway Research Program (SHRP) was initiated in 1987. Under SHRP Long Term Pavement Performance (LTPP) database has been the largest pavement database. There are 2,581 sections in the LTPP database which are spread across the 50 states in the United States and 6 provinces in Canada. Out of those 2,581 sections, Texas has 217 sections in the LTPP database. 170 sections in Texas are flexible pavements. In this study, flexible pavements with no rehabilitation work from Texas were selected to build the model. The number of sections matching these criteria in LTPP is 36. **Figure 4** shows the location of the 36 sections considered in this study.

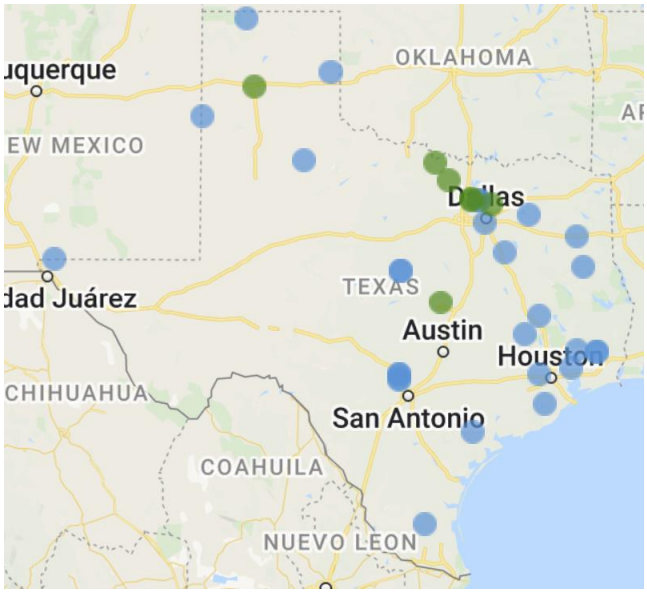


Figure 4 *Pavement Sections Considered in the Study*

The IRI value increases over time as the pavement gets deteriorated. After rehabilitation work, the IRI value decreases. Therefore, IRI values before any rehabilitation work were utilized to train the model. The IRI value increment depends on the age and the previous IRI of the road section. Therefore, previous IRI and days between two consecutive IRI measurements are used as input in the model. The climate data for every section is gathered from Modern-Era Retrospective Analysis for Research and Applications (MERRA) developed by NASA. Precipitation, evaporation, freezing days, thawing days, average temperature, mean temperature, and average humidity are calculated between two consecutive IRI data and they are utilized as input. As truck traffic plays a major role in pavement deterioration, Annual Average Daily Truck Traffic (AADTT) is utilized as the input in the model. **Table 1** is showing the minimum, maximum, and average values of all variables.

Table 1 *Minimum, Maximum, and Average Value of All Variables for IRI Model*

	Days	Prev IRI	Precipitation	Mean T	Thaw Index	Humidity	AADT
Min	197	0	654.88	15.24286	3	70.7	312
Max	3539	2.37800002	13355.1	23.11	166	82.57143	2470
Mid	1671	1.18900001	6350.11	3.933572	81.5	5.935714	1079
Average	1113.151	0.8578717	4131.8831	19.74457	52.4186047	79.23209	791.8837

6.2. Model Selection with Optimum Number of Neurons

The seven-input variable was utilized to develop the prediction model for the International Roughness Index (Index) prediction. The primary target is to build an ANN-based prediction model with the minimum number of neurons and extract an equation from the model. There are several types of Artificial Neural networks to build a predictive model. In this paper, the multilayer feed-forward ANN is used with one hidden layer and two neurons. The minimum number of

neurons and hidden layers are selected to get a simplified equation with a good coefficient of determination (R^2) value

6.3. Model Weights and Biases

The weights and biases matrix for the developed model after training, validation, and testing are reported in **Equations 6.1-6.4.**

$$\mathbf{W_{ih}} = \begin{bmatrix} \boldsymbol{N} & \mathbf{IRIprev} & \boldsymbol{P} & \boldsymbol{Tmean} & \boldsymbol{TI} & \boldsymbol{H} & \boldsymbol{AADTT} \\ 3.36636 & 4.5524 & 1.7085 & -3.6376 & 0.2906 & -0.2377 & 0.0105 \\ 2.29356 & 5.5035 & -0.9403 & -0.1432 & 2.5378 & 0.0105 & 1.0561 \end{bmatrix} \quad (6.1)$$

$$\mathbf{B_{ih}} = \begin{bmatrix} -0.190516 \\ 0.296035 \end{bmatrix} \quad (6.2)$$

$$\mathbf{W_{ho}} = \begin{bmatrix} [0.9129] \\ 0.8150 \end{bmatrix} \quad (6.3)$$

$$\mathbf{B_{ho}} = \quad [0.015852] \quad (6.4)$$

6.4. Prediction Model Equation

Reporting the weights and biases of the model makes the model reproducible for future use. But programming knowledge is necessary to build an ANN model from weights and biases. To simplify the process, an equation is extracted from the ANN model. As the model has two neurons in one hidden layer, the equation is two lines equation with the Tangent hyperbolic function. The predictive equation is described below in **Equation 6.5.**

IRI = 0.935 * {0.91293 * **Tanh** (0.423818**N**–2.1466802$\mathbf{IRI_{prev}}$+0.034269**P**-0.6043$\mathbf{T_{mean}}$+0.08793**TI**–0.2846**H**–0.000013**AADTT**–0.689110)

$$+ 0.81297*\mathbf{Tanh}(0.5450234\mathbf{N} - 3.147895\mathbf{IRI_{prev}} + 0.043864\mathbf{P} - 0.045353\mathbf{T_{mean}} + 0.006346\mathbf{TI} - 0.06453\mathbf{H} - 0.00015\mathbf{AADTT} - 0.35402) + 0.015852 + 1\} + 0.556 \quad \textbf{(6.5)}$$

Where,

IRI = International Roughness Index (m/km)

N = Number of days between previous IRI measurement and prediction (days)

IRI_{prev} = Previous IRI (m/km)

P = Precipitation in N days (mm)

T_{mean} = Mean Temperature where mean of minimum and maximum temperature was taken (°C)

TI = Thawing Index (days)

H = Average Humidity (%)

AADTT = Annual Average Daily Truck Traffic (number)

CHAPTER 7
DYNAMIC MODULUS PREDICTION MODEL

7.1 Model Data

The dataset can be accessed by researchers through NCHRP Report 547 and consists of a total of 7400 data points. These data points encompass properties of aggregates and binders collected from 346 mixes. The database includes various variables along with the dynamic modulus. Based on the previous model and statistical analysis, a set of 8 input variables is chosen to construct the predictive model. The model is similar to the Witczak model for dynamic modulus prediction. The database is reported in **APPENDIX B**. The minimum and maximum values of the variables are reported in **Table 2**.

Table 2 *Minimum, Maximum, and Average Value of All Variables for E* Model*

	ρ_{34}%	ρ_{38}%	ρ_{4}%	ρ_{200}%	V_a%	V_b%$_{eff}$	|G*|psi	δ_b degree
Min	0	0	3	0.4	0.1	6.08	0.0145	11.9
Max	29.3	56	74	11.8	18.13	25.09	7390	90
Average	4.40	24.98	48.19	4.96	6.74	10.76	996.14	58.99

7.2 Model Selection with Optimum Number of Neurons

The model undergoes training, validation, and testing process using the methodology outlined in section 4.2. Different numbers of neurons were experimented with, and it was observed that as the number of neurons increased, the prediction performance improved. However, adding more neurons in the hidden layers also introduces additional complexity to the derived equation. Hence,

a balance must be struck between the number of neurons and prediction performance. Taking into account this consideration, the optimal number of neurons is determined to be three.

7.3.1 Model Weights and Biases

The weights and biases for the trained models are reported in **Equations 7.1-7.4.** Three neurons with eight input variables produced 3x8 matrices for input to hidden layer weights.

$$\boldsymbol{W_{ih}} = \begin{bmatrix} \rho 34 & \rho 38 & \rho 4 & \rho 200 & Va & Vb & G & \delta \\ 1.09855 & 0.5345 & 2.4881 & 1.1796 & 1.5664 & -0.4692 & -1.6360 & 0.6026 \\ -1.2845 & 0.16713 & 4.58887 & 1.8243 & 2.7988 & 0.9991 & 1.6305 & 0.2026 \\ -0.6161 & -0.5982 & 0.1619 & -0.1965 & 0.5197 & 0.0065 & 0.1209 & 1.0930 \end{bmatrix} \quad (7.1)$$

$$\boldsymbol{B_{ih}} = \begin{bmatrix} -2.73028469 \\ 0.48895504 \\ 1.09235131 \end{bmatrix} \quad (7.2)$$

$$\boldsymbol{W_{ho}} = \begin{bmatrix} -0.2245 \\ 0.1806 \\ -0.5040 \end{bmatrix} \quad (7.3)$$

$$\boldsymbol{B_{ho}} = [-0.51653] \quad (7.4)$$

7.3.2 Prediction Model Equation

To ensure the model's reproducibility in the future, it is important to document the weights and biases. However, constructing an Artificial Neural Network (ANN) model based on these weights and biases requires programming expertise. Therefore, an equation is derived from the ANN model. In this case, since the model comprises three neurons within a single hidden layer, the resulting equation consists of three lines utilizing the Tangent hyperbolic function. The predictive equation, denoted as **Equation 7.5**, is presented below.

E* = 4314750 *{ -0.2245 * Tanh (-0.07499$\mathbf{r_{34}}$ + 0.01909 $\mathbf{r_{38}}$ + 0.07009 $\mathbf{r_4}$ + 0.20694 $\mathbf{r_{200}}$ + 0.17357 $\mathbf{V_a}$ – 0.04936 $\mathbf{V_{beff}}$ – 0.00044|**G***| + 0.015431$\mathbf{d_b}$ – 6.06456)

+ 0.1806 * Tanh (-0.08768$\mathbf{r_{34}}$ + 0.00597 $\mathbf{r_{38}}$ + 0.12926 $\mathbf{r_4}$ + 0.0320051$\mathbf{r_{200}}$ + 0.310461 $\mathbf{V_a}$ - 0.10511 $\mathbf{V_{beff}}$ + 0.000441|**G***| + 0.005187$\mathbf{d_b}$ – 8.40911)

- 0.504 * Tanh (0.042055$\mathbf{r_{34}}$ - 0.0214 $\mathbf{r_{38}}$ + 0.00456 $\mathbf{r_4}$ - 0.03448 $\mathbf{r_{200}}$ + 0.05765 $\mathbf{V_a}$ + 0.00068 $\mathbf{V_{beff}}$ + 3.27E-05|**G***| + 0.027989$\mathbf{d_b}$ – 0.97378) – 0.516526105 + 1} + 10500 (7.5)

Where,

E* = Dynamic modulus, psi

ρ_{200} = Percentage of aggregates (by weight) passing through no. 200 sieve, %

ρ_4 = Percentage of aggregates (by weight) retained on no. 4 sieve, %

ρ_{38} = Percentage of aggregates (by weight) retained on the 3/8 inch sieve, %

ρ_{34} = Percentage of aggregates (by weight) retained on the 3/4 inch sieve, %

$\mathbf{V_a}$ = Percentage of air voids (by volume of the mix), %

$\mathbf{V_{beff}}$ = Percentage of effective binder content (by volume of the mix), %

IG_b*l = Dynamic shear modulus of binder, psi

δ_b = Phase angle of binder associated with IG_b*l, degree

7.4 Prediction Model Equation

Figure 5 presents a sensitivity analysis depicting the relationship between all 8 variables. The sensitivity plot reveals that as the shear modulus G* and the percentage retained on a 3/8-inch sieve (ρ_{38}) increase, the dynamic modulus also increases. Conversely, the percentage remaining

on a 3/4-inch sieve (ρ_{34}) and the phase angle (δ_b) demonstrate an inverse relationship with the dynamic modulus. Among all the variables, the phase angle (δb) exhibits the highest sensitivity, as it displays the most significant changes when altered.

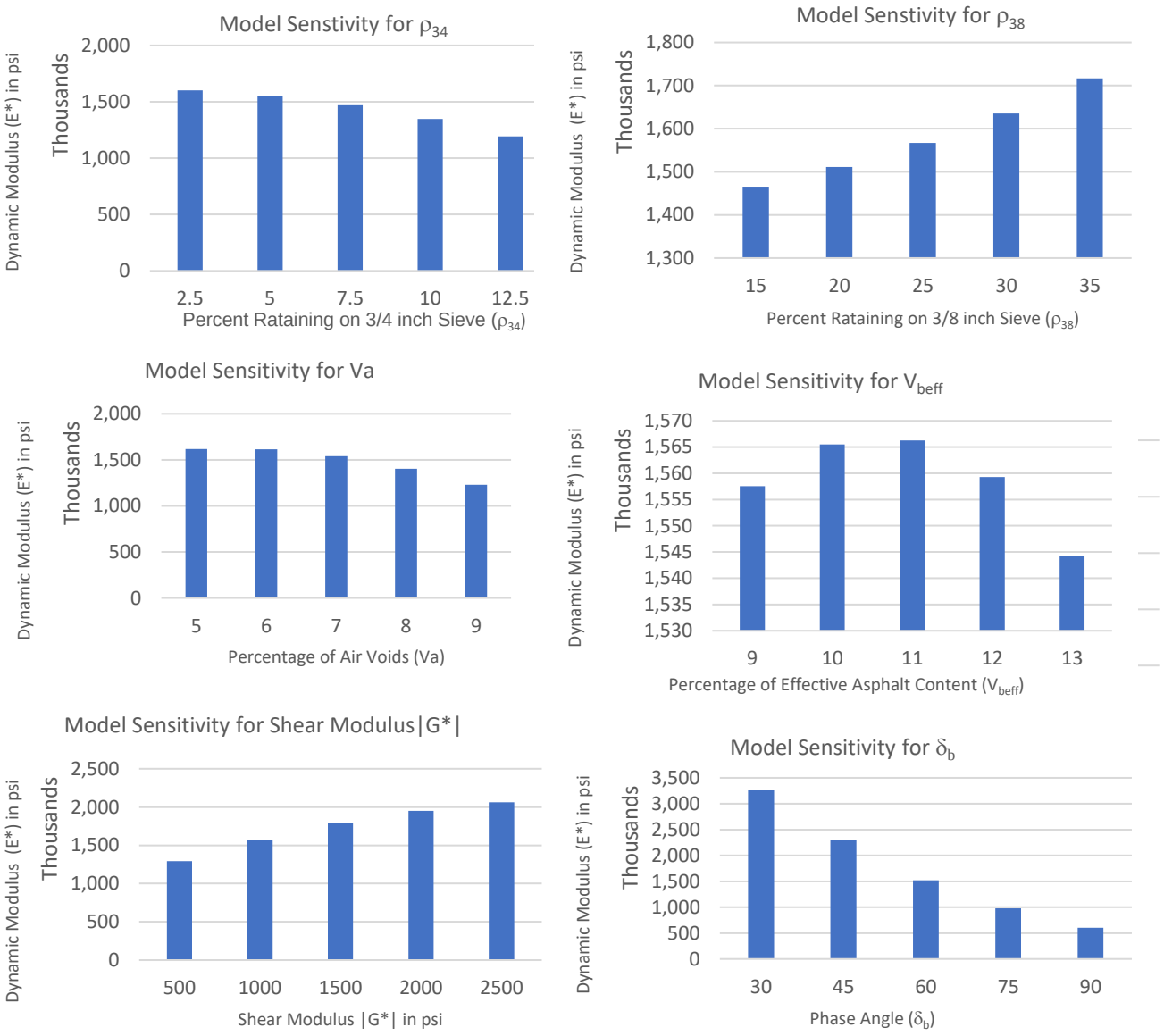


Figure 5 Sensitivity Analysis for E* Input Variables

CHAPTER 8
DYNAMIC SHEAR MODULUS AND PHASE ANGLE PREDICTION MODEL

8.1. Model Data

Witczak and his colleagues have developed a comprehensive database encompassing three decades of binder properties. These properties include parameters such as A, VTS, Temperature, frequency, $|G_b^*|$, and δ_b. The database consists of information on 33 unmodified binders and 9 modified binders. More detailed information about the dataset can be found in Bari's thesis paper (Bari, 2005). The database is attached to **APPENDIX C**. The minimum, maximum, and average values of the variables are shown in **Table 3**.

Table 3 *Minimum, Maximum, and Average Value of ALL the Variables for $|G_b^*|$, and δ_b Models*

	A	VTS	T in °C	f hz	$\|G_b^*\|$ psi	δ_b °
Minimum	7.76	-4.15	10.00	0.16	0.91	23.50
Maximum	12.24	-2.48	115.00	15.92	148,800,000	90
Average	10.37	-3.45	64.23	3.93	2,034,630.32	71.73

8.2. Model Selection with Optimum Number of Neurons

Table 4 is showing the prediction performance with respect to R^2 and RMSE for different numbers of neurons. All the model parameters were the same in the training process except for the number of neurons. The higher the number of neurons, the higher the prediction performance of the model. But the higher the number is, the more complicated the equation is. Therefore the optimum number of neurons is selected for each model and an equation is extracted from that model. For $|G_b|$ the optimum number of neurons is seven and for δ_b the number is three. The optimum number of neurons produces a simpler equation without compromising accuracy.

Table 4 *Performance of $|G_b^*|$ and δ_b Models with Number of Neurons*

	Number of Neurons	R^2 for Predicted vs Measure Log|G_b*|				Root Mean Squared Error (RMSE)			
		Training	Validation	Testing	**Overall**	Training	Validation	Testing	**Overall**
|G_b*| Model	1	0.9534	0.9505	0.9529	**0.9529**	0.4021	0.4169	0.4060	**0.4050**
	2	0.9825	0.9793	0.9829	**0.9821**	0.2452	0.2676	0.2530	**0.2499**
	3	0.9909	0.9908	0.9890	**0.9906**	0.1779	0.1793	0.1947	**0.1807**
	4	0.9916	0.9913	0.9905	**0.9914**	0.1715	0.1753	0.1784	**0.1731**
	5	0.9918	0.9906	0.9906	**0.9916**	0.1695	0.1777	0.1743	**0.1715**
	6	0.9920	0.9915	0.9912	**0.9918**	0.1670	0.1691	0.1760	**0.1687**
	7	0.9921	0.9921	0.9917	**0.9921**	0.1664	0.1629	0.1695	**0.1663**
	8	0.9925	0.9923	0.9913	**0.9923**	0.1622	0.1620	0.1727	**0.1638**
	9	0.9925	0.9920	0.9938	**0.9926**	0.1605	0.1685	0.1503	**0.1603**
	20	0.9935	0.9937	0.9921	**0.9933**	0.1510	0.1484	0.1645	**0.1527**
δ_b Model	1	0.8290	0.8196	0.8214	**0.8264**	6.6239	6.7000	6.6694	**6.6422**
	2	0.9066	0.8878	0.8912	**0.9015**	4.8754	5.3248	5.2492	**5.0025**
	3	0.9090	0.9083	0.8982	**0.9072**	4.8133	4.7606	5.1394	**4.8558**
	4	0.9130	0.9004	0.9016	**0.9093**	4.6838	5.0802	5.0402	**4.7998**
	5	0.9186	0.9057	0.8958	**0.9132**	4.5490	4.9047	5.1413	**4.6967**
	8	0.9182	0.9127	0.8965	**0.9141**	4.5536	4.7122	5.1587	**4.6730**
	10	0.9214	0.9133	0.9122	**0.9188**	4.4766	4.6383	4.7357	**4.5409**
	20	0.9457	0.9457	0.9436	**0.9454**	3.7203	3.7366	3.7376	**3.7253**
	50	0.9610	0.9602	0.9554	**0.9601**	3.1568	3.1493	3.3498	**3.1854**

8.3. Model Weights and Biases

After following the procedure in section 4.3, each model provides weights and biases. Anyone with knowledge can reproduce the model with weights and biases.

8.3.1 |G_b| Model Weights and Biases*

The weights and biases for the |G_b*| models are shown in **Equations 8.1-8.4**. The optimum number of neurons for this model is seven, therefore the W_{ih} matrix has seven rows. As, the G_b*| values a large range of values from 0.91 psi to 148,800,000 psi, the Log (|G_b*|) is utilized in the training process.

$$\mathbf{W_{ih}} = \begin{bmatrix} \boldsymbol{A} & \boldsymbol{VTS} & \boldsymbol{T} & \boldsymbol{f} \\ -0.2028 & 0.5820 & 0.8864 & 0.1141 \\ 7.5597 & 7.4915 & -2.2630 & 0.0750 \\ 6.3556 & 6.6324 & -0.4638 & 2.5342 \\ 4.6075 & 5.9345 & -1.0320 & 0.1638 \\ -12.1373 & -12.2374 & 0.8460 & -0.0963 \\ -3.8275 & 1.0387 & -3.1955 & 0.0982 \\ -1.5548 & -1.7728 & 0.1743 & -10.4202 \end{bmatrix} \quad (8.1)$$

$$\mathbf{B_{ih}} = \begin{bmatrix} 2.7624 \\ -1.3124 \\ 2.3792 \\ 0.9532 \\ 0.2228 \\ -3.6266 \\ -12.3488 \end{bmatrix} \quad (8.2)$$

$$\mathbf{W_{ho}} = \begin{bmatrix} -1.52 \\ 0.1234 \\ 0.1170 \\ 0.2119 \\ -0.0515 \\ 0.0308 \\ -2 \end{bmatrix} \quad (8.3)$$

8.3.2 δ_b Model Weights and Biases

The optimum number of neurons for δ_b is three. Therefore the matrices have three rows. The weights and biases for δ_b models are reported in **Equations 8.5– 8.8**.

$$\mathbf{W_{ih}} = \begin{bmatrix} \boldsymbol{A} & \boldsymbol{VTS} & \boldsymbol{T} & \boldsymbol{f} \\ -10.4186 & -10.0635 & 0.8619 & 7.1833 \\ 28.7597 & 29.012 & -2.1926 & 0.0640 \\ -9.4648 & -11.5517 & 1.4585 & -0.1817 \end{bmatrix} \quad (8.5)$$

$$\mathbf{B_{ih}} = \begin{bmatrix} 7.5731 \\ -2.1163 \\ -0.4637 \end{bmatrix} \quad (8.6)$$

$$\mathbf{W_{ho}} = \begin{bmatrix} -0.1076 \\ -0.5709 \\ 0.3833 \end{bmatrix} \quad (8.7)$$

$$\mathbf{B_{ho}} = [-0.1100] \quad (8.8)$$

8.4. Prediction Model Equation

For both models, the individual equation is also extracted from the model. These equations give the same result as the model and are easier to use.

8.4.1 $|G_b^*|$ Prediction Equation

Following the process mentioned in **Chapter 4,** an equation can be easily extracted from any model. The $|G_b^*|$ prediction equation is shown in **Equation 8.9**

$$\begin{aligned}\text{Log}|\mathbf{G_b^*}| = 4.1079\{&-1.5200\ \mathbf{tanh}\ (-0.0906\mathbf{A} + 0.6995\mathbf{VTS} + 0.0169\mathbf{T} - 0.0145\mathbf{f} + 4.8059)\\ &+0.1234\ \mathbf{tanh}\ (3.3758\mathbf{A} + 8.9650\mathbf{VTS} - 0.0431\mathbf{T} + 0.0095\mathbf{f} - 2.7246)\\ &+0.1170\ \mathbf{tanh}\ (2.8381\mathbf{A} + 7.9369\mathbf{VTS} - 0.0088\mathbf{T} + 0.3217\mathbf{f} - 1.7158)\\ &+0.2119\ \mathbf{tanh}\ (2.0575\mathbf{A} + 7.1017\mathbf{VTS} - 0.0197\mathbf{T} + 0.0208\mathbf{f} + 4.9887)\\ &-0.5115\ \mathbf{tanh}\ (-5.4200\mathbf{A} - 14.6443\mathbf{VTS} + 0.0161\mathbf{T} - 0.0122\mathbf{f} + 4.9524)\\ &+0.0308\ \mathbf{tanh}\ (-1.7092\mathbf{A} + 1.2430\mathbf{VTS} - 0.0609\mathbf{T} + 0.0125\mathbf{f} + 21.2891)\\ &-2.9838\ \mathbf{tanh}\ (-0.6943\mathbf{A} - 2.1215\mathbf{VTS} + 0.0033\mathbf{T} - 1.3227\mathbf{f} - 2.0177) - 1.4071 + 1\} + 0.433\end{aligned} \tag{8.9}$$

Where,

$|G_b^*|$ = Dynamic Shear modulus, psi

A = Intercept of Viscosity-Temperature Susceptibility Plot

VTS = Slope of Viscosity-Temperature Susceptibility Plot

T = Temperature, °C

f = Frequency, Hz

8.4.2 δ_b Prediction Equation

Three neurons were selected as the optimum number of neurons simplicity. One of the condition of the equation is that any output more than 90° will be considered as 90°. The equation for the phase angle δ_b prediction model is expressed in **Equation 8.10**.

$$\delta_b = 38.35 * \{-0.1076 \tanh(-4.6525A - 12.0427VTS + 0.0164T + 0.9118f + 5.8090) - 0.5709 \tanh(+12.8428A + 34.7181VTS - 0.0418T + 0.0081f - 12.8720) + 0.3833 \tanh(-4.2266A - 13.8237VTS - 0.278T - 0.0278f - 5.5885) - 0.1100 + 1\} + 23.5 \quad \textbf{(8.10)}$$

Where,

δ_b = Phase angle, degree

A = Intercept of Viscosity-Temperature Susceptibility Plot

VTS = Slope of Viscosity-Temperature Susceptibility Plot

T = Temperature, °C

f = Frequency, Hz

8.5. Comparison with Other Models

The evaluation of model performance, including two existing models and the newly developed ANN model, was conducted using various statistical parameters presented in **Table 5**. The detailed

explanation of these statistical parameters was previously discussed in this chapter 5. Across all statistical parameters, the ANN models consistently outperformed the two previous models.

Regarding $|G_b^*|$ prediction, the model performance ranked as follows: ANN > Onifade-Birgisson > Bari-Witczak. However, in δ_b prediction, the performance order shifted to ANN > Bari-Witczak > Onifade-Birgisson (**Table 5**). Notably, the Bari-Witczak $|G_b^*|$ model and the Onifade-Birgisson δ_b model rely on input from their respective counterpart models, $|G_b^*|$ and δ_b. This interdependency adds complexity to the usage of these models in calculations. On the other hand, the developed ANN-based models only require four input variables, making them independent and simpler compared to the existing models.

Table 5 *Statistical Comparison of the Developed Model with Previous Models*

Model	Scale	Parameter	Bari-Witczak	Onifade-Brigisson	ANN
$\|G_b^*\|$	Arithmetic	R^2	0.83	0.91	0.92
		RMSE	3.16E+06	2.34E+06	2.27E+06
		AAE	6.89E+05	5.54E+05	5.22E+05
		Se/Sy	0.41	0.30	0.29
	Log	R^2	0.9856	0.9900	0.9921
		RMSE	0.22	0.19	0.17
		AAE	0.16	0.12	0.10
		Se/Sy	0.12	0.10	0.09
δ_b	Arithmetic	R^2	0.81	0.67	0.91
		RMSE	6.94	10.46	4.18
		AAE	5.04	6.70	2.95
		Se/Sy	0.44	0.66	0.30

CHAPTER 9
SWCC PARAMETER PREDICTION MODEL

9.1 Model Data

The SWCC Database is comparatively large database than the previous database in this study. But this data also requires a lot of prepossessing. The size of the total dataset was more than 16 thousand. From that data 50% of the data was removed in the cleaning process. Any data points with too much high value or low value were discarded. After the cleaning process, only 8000 data points were kept for training, testing, and validation. **Table 6** is showing the minimum, maximum, and average values of all the variables. The database with 8000 cleaned data is attached to **APPENDIX D**.

Table 6 *Minimum, Maximum, and the Average of All the Variables for SWCC Parameter Model*

	LL	**PI**	**K_{sat}**	**ρ_4**	**ρ_{10}**	**ρ_{40}**	**ρ_{200}**	**a_f**	**b_f**	**c_f**	**h_r**
Minimum	0	0	0	0	0	-5	0	0.11	0.58	0.15	2534
Maximum	80	55	1.66	80	60	52.5	85	6.00	1.59	1.83	3007
Average	30.61	10.43	0.18	11.22	3.46	9.91	19.15	3.16	0.98	0.64	2998

9.2 Model Performance

For the SWCC parameter, the model performance fluctuated a lot. For all four models, number of neurons utilized was 10. Although the number of neurons is higher than the other models from the previous chapter, the performance is not that high. C_f showed good prediction performance and A_f in the middle. The ANN model could not capture B_f and C_r prediction properly.

Table *7* is showing the ANN model's prediction performance for the SWCC parameter.

Table 7 *Prediction Performance of ANN Models for SWCC Parameter*

	R^2				RMSE			
	Training	**Validation**	**Testing**	**All**	**Training**	**Validation**	**Testing**	**All**
A_f	0.4697	0.4704	0.4212	0.4625	2.38E+00	2.62E+00	2.84E+00	2.48E+00
B_f	0.1284	0.1079	0.0705	0.1155	2.80E-04	3.15E-04	3.49E-04	2.95E-04
C_f	0.6244	0.6129	0.6106	0.6203	5.15E-04	4.91E-04	5.79E-04	5.21E-04
H_r	0.1406	0.1364	0.0683	0.1258	1.51E+05	9.76E+05	1.48E+05	2.29E+05

CHAPTER 10
CONCLUSIONS, AND FUTURE RECOMMENDATIONS

10.1 Conclusions

Traditional empirical models often suffer from limited accuracy and applicability, as they rely on oversimplified assumptions and fail to capture complex relationships inherent in the data. In contrast, ANN models offer the potential for improved prediction accuracy by utilizing the powerful computational capabilities of neural networks.

Prediction models for IRI, E*, $|G_b^*|$, δ_b and SWCC parameters are developed in this dissertation. Most of the models performed better than existing models. Equations are also extracted for the model which gives the same result as the weights and bias-based model. These models can be incorporated into MEPDG. An ANN-based prediction model is a better alternative than the traditional regression models when an equation is extracted.

The climate and traffic data are readily available online. Therefore, The IRI prediction using only climate and traffic data will help the transportation agencies detect IRI in remote areas like local and rural roads.

The E* model performed better than existing regression-based models. Moreover, the extracted equation gives this model an edge over other ANN models.

The $|G_b^*|$ and δ_b models showed better prediction performance than other existing models. Unlike the previous models, they are independently workable. Output from one model is not required as input from other models.

10.2 Future Recommendations

a) The performance of models for SWCC parameters has a lot of room for improvement. ANN model with multiple hidden layers can be an answer. Deep learning or other machine learning algorithms can bring good prediction performance for the data set utilized in this thesis.

b) For the dynamic modulus, only the Witczak model was explored. But the Hirsch model is also popular for its simplicity. Developing a model similar to Hirsch for this database can be a good future research topic.

c) The IRI model was only developed for Texas. With more data from other parts of the country can be incorporated into this research topic in the future.

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APPENDIX A

Data for IRI Model Development

No.	Days	Prev IRI	Precipitation	Mean T	Thaw Index	Humidity	AADT	IRI
1	660	1.0576	2300.30	20.02	21	77.23	332	1.23142
2	414	1.1982	1908.20	20.41	20	81.50	343	1.35506
3	665	1.1833	2082.86	20.28	41	78.50	334	1.36879
4	598	1.3348	2049.56	20.12	19	78.95	431	1.45074
5	2525	0.5906	9747.65	20.12	116	78.76	312	0.82536
6	660	0.7710	2300.30	20.98	21	77.23	332	0.88016
7	665	0.6954	2082.86	20.28	41	78.50	334	0.79174
8	598	0.7008	2049.56	20.12	19	78.95	431	0.74550
9	432	0.7354	1424.51	19.55	32	79.43	412	0.84279
10	702	0.7436	2960.26	20.25	30	81.70	434	0.81048
11	2525	0.6258	9747.65	20.12	116	78.76	312	0.85029
12	660	0.6890	2300.30	20.98	21	77.23	332	0.81920
13	665	0.6780	2082.86	20.28	41	78.50	334	0.78249
14	432	0.7086	1424.51	19.55	32	79.43	412	0.82419
15	2525	0.0544	9747.65	20.12	116	78.76	312	0.67165
16	660	0.0512	2300.30	20.98	21	77.23	332	0.66450
17	197	0.0000	754.37	16.14	16	82.57	390	0.65907
18	665	0.7303	2082.86	20.28	41	78.50	334	0.81216
19	432	0.7240	1424.51	19.55	32	79.43	412	0.83467
20	2525	0.5888	9747.65	20.12	116	78.76	312	0.82417
21	660	0.6432	2300.30	20.98	21	77.23	332	0.79189
22	197	0.6478	654.88	15.24	16	82.14	390	0.74113
23	665	0.6950	2082.86	20.28	41	78.50	334	0.79153
24	598	0.7210	2049.56	20.12	19	78.95	431	0.75341
25	432	0.7322	1424.51	19.55	32	79.43	412	0.84048
26	2525	0.7296	9747.65	20.12	116	78.76	312	0.94251
27	660	0.8022	2300.30	20.98	21	77.23	332	0.90792
28	197	0.7532	654.88	15.24	16	82.14	390	0.78777
29	665	0.9912	2082.86	20.28	41	78.50	334	1.06274
30	306	0.7970	668.79	23.11	3	70.70	429	0.96086
31	432	0.7994	1424.51	19.55	32	79.43	412	0.89444
32	2525	0.6194	9747.65	20.12	116	78.76	312	0.84554
33	414	0.6496	1908.20	20.41	20	81.50	343	0.75855
34	197	0.6520	654.88	15.24	16	82.14	390	0.74265
35	665	0.6542	2082.86	20.28	41	78.50	334	0.77075
36	598	0.6610	2049.56	20.12	19	78.95	431	0.73158
37	702	0.6730	2960.26	20.25	30	81.70	434	0.77208

No.	Days	Prev IRI	Precipitation	Mean T	Thaw Index	Humidity	AADT	IRI
38	2525	0.6008	9747.65	20.12	116	78.76	312	0.83228
39	1074	0.6098	4208.50	20.17	41	78.50	343	0.76417
40	665	0.6403	2082.86	20.28	41	78.50	334	0.76437
41	598	0.6616	2049.56	20.12	19	78.95	431	0.73178
42	432	0.7102	1424.51	19.55	32	79.43	412	0.82525
43	2525	0.6802	9747.65	20.12	116	78.76	312	0.89494
44	1074	0.7232	4208.50	20.17	41	78.50	343	0.82700
45	197	0.7342	654.88	15.24	16	82.14	390	0.77796
46	665	0.7584	2082.86	20.28	41	78.50	334	0.83047
47	598	0.8096	2049.56	20.12	19	78.95	431	0.79615
48	432	0.8752	1424.51	19.55	32	79.43	412	0.97021
49	2525	0.5888	9747.65	20.12	116	78.76	312	0.82417
50	1074	0.6580	4208.50	20.17	41	78.50	343	0.78779
51	665	0.6640	2082.86	20.28	41	78.50	334	0.77546
52	598	0.6568	2049.56	20.12	19	78.95	431	0.73024
53	702	0.6600	2960.26	20.25	30	81.70	434	0.76603
54	2525	0.5528	9747.65	20.12	116	78.76	312	0.80174
55	1074	0.5560	4208.50	20.17	41	78.50	343	0.74237
56	665	0.5427	2082.86	20.28	41	78.50	334	0.72778
57	306	0.5818	668.79	23.11	3	70.70	429	0.78987
58	598	0.5972	2049.56	20.12	19	78.95	431	0.71334
59	432	0.6020	1424.51	19.55	32	79.43	412	0.76533
60	2525	0.7036	9747.65	20.12	116	78.76	312	0.91661
61	197	0.6898	654.88	15.24	16	82.14	390	0.75754
62	665	0.7595	2082.86	20.28	41	78.50	334	0.83122
63	432	0.7226	1424.51	19.55	32	79.43	412	0.83369
64	759	1.0092	3068.94	18.65	35	81.04	2470	0.96761
65	3539	1.1750	13355.10	20.22	166	79.03	2470	1.25092
66	759	1.1390	3068.94	18.65	35	81.04	2470	1.13627
67	3539	1.2800	13355.10	20.22	166	79.03	2470	1.43599
68	759	0.9796	3068.94	18.65	35	81.04	2470	0.93624
69	3539	1.0854	13355.10	20.22	166	79.03	2470	1.11094
70	759	1.3164	3068.94	18.65	35	81.04	2470	1.43612
71	3539	1.3438	13355.10	20.22	166	79.03	2470	1.55317
72	759	1.1392	3068.94	18.65	35	81.04	2470	1.13657
73	3539	1.1408	13355.10	20.22	166	79.03	2470	1.19507
74	759	1.0222	3068.94	18.65	35	81.04	2470	0.98221
75	3539	1.0478	13355.10	20.22	166	79.03	2470	1.05880
76	759	1.2098	3068.94	18.65	35	81.04	2470	1.24837

No.	Days	Prev IRI	Precipitation	Mean T	Thaw Index	Humidity	AADT	IRI
77	3539	1.2364	13355.10	20.22	166	79.03	2470	1.35721
78	603	0.7358	2365.61	20.19	27	80.30	361	0.84827
79	504	0.8134	1868.53	18.68	23	82.06	504	0.81089
80	1210	0.9682	4686.13	20.59	55	78.65	550	1.05773
81	2217	1.4602	8549.79	20.24	106	79.01	657	1.95311
82	559	1.7472	1834.10	20.77	21	79.95	1148	2.00674
83	736	1.9314	2482.83	18.95	29	81.20	1608	1.92476
84	532	1.9816	1959.73	18.21	28	82.28	1706	2.23745
85	1210	2.2156	4686.13	20.59	55	78.65	1864	2.33138
86	663	2.3780	1805.95	20.45	27	76.36	1978	2.34623

APPENDIX B

Data for Dynamic Modulus (E*) Model Development

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1	14	23.5	31.3	5.9	5.6	3.95	12.23	1,350,000
2	14	23.5	31.3	5.9	5.6	3.95	12.23	1,720,000
3	14	23.5	31.3	5.9	5.6	3.95	12.23	2,080,000
4	14	23.5	31.3	5.9	5.6	3.95	12.23	394,000
5	14	23.5	31.3	5.9	5.6	3.95	12.23	611,000
6	14	23.5	31.3	5.9	5.6	3.95	12.23	894,000
7	14	23.5	31.3	5.9	5.6	3.95	12.23	87,700
8	14	23.5	31.3	5.9	5.6	3.95	12.23	150,000
9	14	23.5	31.3	5.9	5.6	3.95	12.23	254,000
10	14	23.5	31.3	5.9	5.6	2.79	12.38	1,330,000
11	14	23.5	31.3	5.9	5.6	2.79	12.38	1,810,000
12	14	23.5	31.3	5.9	5.6	2.79	12.38	2,330,000
13	14	23.5	31.3	5.9	5.6	2.79	12.38	343,000
14	14	23.5	31.3	5.9	5.6	2.79	12.38	563,000
15	14	23.5	31.3	5.9	5.6	2.79	12.38	874,000
16	14	23.5	31.3	5.9	5.6	2.79	12.38	78,800
17	14	23.5	31.3	5.9	5.6	2.79	12.38	137,000
18	14	23.5	31.3	5.9	5.6	2.79	12.38	238,000
19	14	23.5	31.3	5.9	5.6	5.54	12.03	802,000
20	14	23.5	31.3	5.9	5.6	5.54	12.03	1,130,000
21	14	23.5	31.3	5.9	5.6	5.54	12.03	1,500,000
22	14	23.5	31.3	5.9	5.6	5.54	12.03	275,000
23	14	23.5	31.3	5.9	5.6	5.54	12.03	445,000
24	14	23.5	31.3	5.9	5.6	5.54	12.03	683,000
25	14	23.5	31.3	5.9	5.6	5.54	12.03	47,600
26	14	23.5	31.3	5.9	5.6	5.54	12.03	80,300
27	14	23.5	31.3	5.9	5.6	5.54	12.03	137,000
28	14	23.5	31.3	5.9	5.6	4.71	12.13	1,070,000
29	14	23.5	31.3	5.9	5.6	4.71	12.13	1,450,000
30	14	23.5	31.3	5.9	5.6	4.71	12.13	1,800,000
31	14	23.5	31.3	5.9	5.6	4.71	12.13	308,000
32	14	23.5	31.3	5.9	5.6	4.71	12.13	547,000
33	14	23.5	31.3	5.9	5.6	4.71	12.13	884,000
34	14	23.5	31.3	5.9	5.6	4.71	12.13	62,200
35	14	23.5	31.3	5.9	5.6	4.71	12.13	104,000
36	14	23.5	31.3	5.9	5.6	4.71	12.13	188,000
37	14	23.5	31.3	5.9	5.6	7.26	11.81	901,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
38	14	23.5	31.3	5.9	5.6	7.26	11.81	1,270,000
39	14	23.5	31.3	5.9	5.6	7.26	11.81	1,590,000
40	14	23.5	31.3	5.9	5.6	7.26	11.81	203,000
41	14	23.5	31.3	5.9	5.6	7.26	11.81	395,000
42	14	23.5	31.3	5.9	5.6	7.26	11.81	700,000
43	14	23.5	31.3	5.9	5.6	7.26	11.81	47,400
44	14	23.5	31.3	5.9	5.6	7.26	11.81	76,900
45	14	23.5	31.3	5.9	5.6	7.26	11.81	143,000
46	14	23.5	31.3	5.9	5.6	7.46	11.78	827,000
47	14	23.5	31.3	5.9	5.6	7.46	11.78	1,160,000
48	14	23.5	31.3	5.9	5.6	7.46	11.78	1,450,000
49	14	23.5	31.3	5.9	5.6	7.46	11.78	190,000
50	14	23.5	31.3	5.9	5.6	7.46	11.78	366,000
51	14	23.5	31.3	5.9	5.6	7.46	11.78	642,000
52	14	23.5	31.3	5.9	5.6	7.46	11.78	48,500
53	14	23.5	31.3	5.9	5.6	7.46	11.78	79,600
54	14	23.5	31.3	5.9	5.6	7.46	11.78	148,000
55	23.7	42.6	52.8	7.9	3.9	3.53	7.81	1,560,000
56	23.7	42.6	52.8	7.9	3.9	3.53	7.81	1,950,000
57	23.7	42.6	52.8	7.9	3.9	3.53	7.81	2,340,000
58	23.7	42.6	52.8	7.9	3.9	3.53	7.81	402,000
59	23.7	42.6	52.8	7.9	3.9	3.53	7.81	606,000
60	23.7	42.6	52.8	7.9	3.9	3.53	7.81	871,000
61	23.7	42.6	52.8	7.9	3.9	3.53	7.81	149,000
62	23.7	42.6	52.8	7.9	3.9	3.53	7.81	243,000
63	23.7	42.6	52.8	7.9	3.9	3.53	7.81	383,000
64	23.7	42.6	52.8	7.9	3.9	2.95	7.85	1,970,000
65	23.7	42.6	52.8	7.9	3.9	2.95	7.85	2,600,000
66	23.7	42.6	52.8	7.9	3.9	2.95	7.85	3,240,000
67	23.7	42.6	52.8	7.9	3.9	2.95	7.85	488,000
68	23.7	42.6	52.8	7.9	3.9	2.95	7.85	805,000
69	23.7	42.6	52.8	7.9	3.9	2.95	7.85	1,240,000
70	23.7	42.6	52.8	7.9	3.9	2.95	7.85	144,000
71	23.7	42.6	52.8	7.9	3.9	2.95	7.85	260,000
72	23.7	42.6	52.8	7.9	3.9	2.95	7.85	456,000
73	23.7	42.6	52.8	7.9	3.9	5.94	7.61	1,730,000
74	23.7	42.6	52.8	7.9	3.9	5.94	7.61	2,010,000
75	23.7	42.6	52.8	7.9	3.9	5.94	7.61	2,270,000
76	23.7	42.6	52.8	7.9	3.9	5.94	7.61	649,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
77	23.7	42.6	52.8	7.9	3.9	5.94	7.61	868,000
78	23.7	42.6	52.8	7.9	3.9	5.94	7.61	1,130,000
79	23.7	42.6	52.8	7.9	3.9	5.94	7.61	240,000
80	23.7	42.6	52.8	7.9	3.9	5.94	7.61	329,000
81	23.7	42.6	52.8	7.9	3.9	5.94	7.61	454,000
82	23.7	42.6	52.8	7.9	3.9	4.87	7.7	1,220,000
83	23.7	42.6	52.8	7.9	3.9	4.87	7.7	1,530,000
84	23.7	42.6	52.8	7.9	3.9	4.87	7.7	1,840,000
85	23.7	42.6	52.8	7.9	3.9	4.87	7.7	390,000
86	23.7	42.6	52.8	7.9	3.9	4.87	7.7	562,000
87	23.7	42.6	52.8	7.9	3.9	4.87	7.7	779,000
88	23.7	42.6	52.8	7.9	3.9	4.87	7.7	109,000
89	23.7	42.6	52.8	7.9	3.9	4.87	7.7	167,000
90	23.7	42.6	52.8	7.9	3.9	4.87	7.7	254,000
91	23.7	42.6	52.8	7.9	3.9	8.7	7.39	1,230,000
92	23.7	42.6	52.8	7.9	3.9	8.7	7.39	1,590,000
93	23.7	42.6	52.8	7.9	3.9	8.7	7.39	1,930,000
94	23.7	42.6	52.8	7.9	3.9	8.7	7.39	370,000
95	23.7	42.6	52.8	7.9	3.9	8.7	7.39	577,000
96	23.7	42.6	52.8	7.9	3.9	8.7	7.39	855,000
97	23.7	42.6	52.8	7.9	3.9	8.7	7.39	91,600
98	23.7	42.6	52.8	7.9	3.9	8.7	7.39	142,000
99	23.7	42.6	52.8	7.9	3.9	8.7	7.39	228,000
100	23.7	42.6	52.8	7.9	3.9	6.98	7.53	1,350,000
101	23.7	42.6	52.8	7.9	3.9	6.98	7.53	1,710,000
102	23.7	42.6	52.8	7.9	3.9	6.98	7.53	2,040,000
103	23.7	42.6	52.8	7.9	3.9	6.98	7.53	339,000
104	23.7	42.6	52.8	7.9	3.9	6.98	7.53	526,000
105	23.7	42.6	52.8	7.9	3.9	6.98	7.53	784,000
106	23.7	42.6	52.8	7.9	3.9	6.98	7.53	107,000
107	23.7	42.6	52.8	7.9	3.9	6.98	7.53	162,000
108	23.7	42.6	52.8	7.9	3.9	6.98	7.53	254,000
109	29.3	51.9	62.3	10.6	4.1	3.14	9.45	2,110,000
110	29.3	51.9	62.3	10.6	4.1	3.14	9.45	2,580,000
111	29.3	51.9	62.3	10.6	4.1	3.14	9.45	3,030,000
112	29.3	51.9	62.3	10.6	4.1	3.14	9.45	779,000
113	29.3	51.9	62.3	10.6	4.1	3.14	9.45	1,110,000
114	29.3	51.9	62.3	10.6	4.1	3.14	9.45	1,510,000
115	29.3	51.9	62.3	10.6	4.1	3.14	9.45	223,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
116	29.3	51.9	62.3	10.6	4.1	3.14	9.45	341,000
117	29.3	51.9	62.3	10.6	4.1	3.14	9.45	519,000
118	29.3	51.9	62.3	10.6	4.1	2.94	9.47	1,640,000
119	29.3	51.9	62.3	10.6	4.1	2.94	9.47	1,940,000
120	29.3	51.9	62.3	10.6	4.1	2.94	9.47	2,220,000
121	29.3	51.9	62.3	10.6	4.1	2.94	9.47	671,000
122	29.3	51.9	62.3	10.6	4.1	2.94	9.47	923,000
123	29.3	51.9	62.3	10.6	4.1	2.94	9.47	1,220,000
124	29.3	51.9	62.3	10.6	4.1	2.94	9.47	226,000
125	29.3	51.9	62.3	10.6	4.1	2.94	9.47	327,000
126	29.3	51.9	62.3	10.6	4.1	2.94	9.47	473,000
127	29.3	51.9	62.3	10.6	4.1	4.28	9.34	1,600,000
128	29.3	51.9	62.3	10.6	4.1	4.28	9.34	2,030,000
129	29.3	51.9	62.3	10.6	4.1	4.28	9.34	2,430,000
130	29.3	51.9	62.3	10.6	4.1	4.28	9.34	481,000
131	29.3	51.9	62.3	10.6	4.1	4.28	9.34	768,000
132	29.3	51.9	62.3	10.6	4.1	4.28	9.34	1,140,000
133	29.3	51.9	62.3	10.6	4.1	4.28	9.34	115,000
134	29.3	51.9	62.3	10.6	4.1	4.28	9.34	196,000
135	29.3	51.9	62.3	10.6	4.1	4.28	9.34	336,000
136	29.3	51.9	62.3	10.6	4.1	3.86	9.38	1,480,000
137	29.3	51.9	62.3	10.6	4.1	3.86	9.38	1,980,000
138	29.3	51.9	62.3	10.6	4.1	3.86	9.38	2,470,000
139	29.3	51.9	62.3	10.6	4.1	3.86	9.38	449,000
140	29.3	51.9	62.3	10.6	4.1	3.86	9.38	724,000
141	29.3	51.9	62.3	10.6	4.1	3.86	9.38	1,100,000
142	29.3	51.9	62.3	10.6	4.1	3.86	9.38	110,000
143	29.3	51.9	62.3	10.6	4.1	3.86	9.38	187,000
144	29.3	51.9	62.3	10.6	4.1	3.86	9.38	321,000
145	29.3	51.9	62.3	10.6	4.1	7.38	9.04	1,040,000
146	29.3	51.9	62.3	10.6	4.1	7.38	9.04	1,330,000
147	29.3	51.9	62.3	10.6	4.1	7.38	9.04	1,600,000
148	29.3	51.9	62.3	10.6	4.1	7.38	9.04	343,000
149	29.3	51.9	62.3	10.6	4.1	7.38	9.04	520,000
150	29.3	51.9	62.3	10.6	4.1	7.38	9.04	748,000
151	29.3	51.9	62.3	10.6	4.1	7.38	9.04	93,700
152	29.3	51.9	62.3	10.6	4.1	7.38	9.04	148,000
153	29.3	51.9	62.3	10.6	4.1	7.38	9.04	236,000
154	29.3	51.9	62.3	10.6	4.1	6.92	9.08	1,240,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
155	29.3	51.9	62.3	10.6	4.1	6.92	9.08	1,560,000
156	29.3	51.9	62.3	10.6	4.1	6.92	9.08	1,830,000
157	29.3	51.9	62.3	10.6	4.1	6.92	9.08	366,000
158	29.3	51.9	62.3	10.6	4.1	6.92	9.08	586,000
159	29.3	51.9	62.3	10.6	4.1	6.92	9.08	877,000
160	29.3	51.9	62.3	10.6	4.1	6.92	9.08	103,000
161	29.3	51.9	62.3	10.6	4.1	6.92	9.08	158,000
162	29.3	51.9	62.3	10.6	4.1	6.92	9.08	255,000
163	7	22	35	5	4.9	4.1	9.84	1,050,000
164	7	22	35	5	4.9	4.1	9.84	1,380,000
165	7	22	35	5	4.9	4.1	9.84	1,730,000
166	7	22	35	5	4.9	4.1	9.84	406,000
167	7	22	35	5	4.9	4.1	9.84	610,000
168	7	22	35	5	4.9	4.1	9.84	875,000
169	7	22	35	5	4.9	4.1	9.84	105,000
170	7	22	35	5	4.9	4.1	9.84	162,000
171	7	22	35	5	4.9	4.1	9.84	252,000
172	7	22	35	5	4.9	3.74	9.88	1,020,000
173	7	22	35	5	4.9	3.74	9.88	1,380,000
174	7	22	35	5	4.9	3.74	9.88	1,700,000
175	7	22	35	5	4.9	3.74	9.88	334,000
176	7	22	35	5	4.9	3.74	9.88	549,000
177	7	22	35	5	4.9	3.74	9.88	851,000
178	7	22	35	5	4.9	3.74	9.88	109,000
179	7	22	35	5	4.9	3.74	9.88	162,000
180	7	22	35	5	4.9	3.74	9.88	262,000
181	7	22	35	5	4.9	4.39	9.81	872,000
182	7	22	35	5	4.9	4.39	9.81	1,130,000
183	7	22	35	5	4.9	4.39	9.81	1,420,000
184	7	22	35	5	4.9	4.39	9.81	442,000
185	7	22	35	5	4.9	4.39	9.81	624,000
186	7	22	35	5	4.9	4.39	9.81	849,000
187	7	22	35	5	4.9	4.39	9.81	131,000
188	7	22	35	5	4.9	4.39	9.81	194,000
189	7	22	35	5	4.9	4.39	9.81	286,000
190	7	22	35	5	4.9	5.73	9.67	1,320,000
191	7	22	35	5	4.9	5.73	9.67	1,650,000
192	7	22	35	5	4.9	5.73	9.67	1,980,000
193	7	22	35	5	4.9	5.73	9.67	627,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
194	7	22	35	5	4.9	5.73	9.67	866,000
195	7	22	35	5	4.9	5.73	9.67	1,150,000
196	7	22	35	5	4.9	5.73	9.67	195,000
197	7	22	35	5	4.9	5.73	9.67	288,000
198	7	22	35	5	4.9	5.73	9.67	421,000
199	7	22	35	5	4.9	8.82	9.36	820,000
200	7	22	35	5	4.9	8.82	9.36	1,040,000
201	7	22	35	5	4.9	8.82	9.36	1,280,000
202	7	22	35	5	4.9	8.82	9.36	301,000
203	7	22	35	5	4.9	8.82	9.36	430,000
204	7	22	35	5	4.9	8.82	9.36	596,000
205	7	22	35	5	4.9	8.82	9.36	94,900
206	7	22	35	5	4.9	8.82	9.36	139,000
207	7	22	35	5	4.9	8.82	9.36	204,000
208	7	22	35	5	4.9	8.45	9.39	1,050,000
209	7	22	35	5	4.9	8.45	9.39	1,300,000
210	7	22	35	5	4.9	8.45	9.39	1,560,000
211	7	22	35	5	4.9	8.45	9.39	501,000
212	7	22	35	5	4.9	8.45	9.39	679,000
213	7	22	35	5	4.9	8.45	9.39	893,000
214	7	22	35	5	4.9	8.45	9.39	170,000
215	7	22	35	5	4.9	8.45	9.39	240,000
216	7	22	35	5	4.9	8.45	9.39	338,000
217	12	31	47	5	4.2	2.85	9.9	903,000
218	12	31	47	5	4.2	2.85	9.9	1,170,000
219	12	31	47	5	4.2	2.85	9.9	1,450,000
220	12	31	47	5	4.2	2.85	9.9	370,000
221	12	31	47	5	4.2	2.85	9.9	540,000
222	12	31	47	5	4.2	2.85	9.9	755,000
223	12	31	47	5	4.2	2.85	9.9	108,000
224	12	31	47	5	4.2	2.85	9.9	167,000
225	12	31	47	5	4.2	2.85	9.9	258,000
226	12	31	47	5	4.2	3.72	6.61	991,000
227	12	31	47	5	4.2	3.72	6.61	1,300,000
228	12	31	47	5	4.2	3.72	6.61	1,640,000
229	12	31	47	5	4.2	3.72	6.61	400,000
230	12	31	47	5	4.2	3.72	6.61	581,000
231	12	31	47	5	4.2	3.72	6.61	816,000
232	12	31	47	5	4.2	3.72	6.61	103,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
233	12	31	47	5	4.2	3.72	6.61	157,000
234	12	31	47	5	4.2	3.72	6.61	240,000
235	12	31	47	5	4.2	4.7	9.71	954,000
236	12	31	47	5	4.2	4.7	9.71	1,240,000
237	12	31	47	5	4.2	4.7	9.71	1,550,000
238	12	31	47	5	4.2	4.7	9.71	433,000
239	12	31	47	5	4.2	4.7	9.71	613,000
240	12	31	47	5	4.2	4.7	9.71	841,000
241	12	31	47	5	4.2	4.7	9.71	132,000
242	12	31	47	5	4.2	4.7	9.71	193,000
243	12	31	47	5	4.2	4.7	9.71	283,000
244	12	31	47	5	4.2	5.91	9.59	807,000
245	12	31	47	5	4.2	5.91	9.59	992,000
246	12	31	47	5	4.2	5.91	9.59	1,180,000
247	12	31	47	5	4.2	5.91	9.59	388,000
248	12	31	47	5	4.2	5.91	9.59	516,000
249	12	31	47	5	4.2	5.91	9.59	668,000
250	12	31	47	5	4.2	5.91	9.59	149,000
251	12	31	47	5	4.2	5.91	9.59	207,000
252	12	31	47	5	4.2	5.91	9.59	284,000
253	12	31	47	5	4.2	6.88	9.49	1,070,000
254	12	31	47	5	4.2	6.88	9.49	1,370,000
255	12	31	47	5	4.2	6.88	9.49	1,670,000
256	12	31	47	5	4.2	6.88	9.49	466,000
257	12	31	47	5	4.2	6.88	9.49	666,000
258	12	31	47	5	4.2	6.88	9.49	913,000
259	12	31	47	5	4.2	6.88	9.49	133,000
260	12	31	47	5	4.2	6.88	9.49	203,000
261	12	31	47	5	4.2	6.88	9.49	308,000
262	12	31	47	5	4.2	6.2	9.56	1,380,000
263	12	31	47	5	4.2	6.2	9.56	1,760,000
264	12	31	47	5	4.2	6.2	9.56	2,160,000
265	12	31	47	5	4.2	6.2	9.56	504,000
266	12	31	47	5	4.2	6.2	9.56	743,000
267	12	31	47	5	4.2	6.2	9.56	1,050,000
268	12	31	47	5	4.2	6.2	9.56	139,000
269	12	31	47	5	4.2	6.2	9.56	219,000
270	12	31	47	5	4.2	6.2	9.56	341,000
271	22	40	58	5	3.9	2.94	8.05	2,170,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
272	22	40	58	5	3.9	2.94	8.05	2,730,000
273	22	40	58	5	3.9	2.94	8.05	3,260,000
274	22	40	58	5	3.9	2.94	8.05	637,000
275	22	40	58	5	3.9	2.94	8.05	973,000
276	22	40	58	5	3.9	2.94	8.05	1,410,000
277	22	40	58	5	3.9	2.94	8.05	143,000
278	22	40	58	5	3.9	2.94	8.05	239,000
279	22	40	58	5	3.9	2.94	8.05	394,000
280	22	40	58	5	3.9	3.22	8.03	2,660,000
281	22	40	58	5	3.9	3.22	8.03	3,410,000
282	22	40	58	5	3.9	3.22	8.03	4,100,000
283	22	40	58	5	3.9	3.22	8.03	915,000
284	22	40	58	5	3.9	3.22	8.03	1,400,000
285	22	40	58	5	3.9	3.22	8.03	2,040,000
286	22	40	58	5	3.9	3.22	8.03	256,000
287	22	40	58	5	3.9	3.22	8.03	368,000
288	22	40	58	5	3.9	3.22	8.03	560,000
289	22	40	58	5	3.9	4.39	7.93	1,780,000
290	22	40	58	5	3.9	4.39	7.93	2,180,000
291	22	40	58	5	3.9	4.39	7.93	2,570,000
292	22	40	58	5	3.9	4.39	7.93	704,000
293	22	40	58	5	3.9	4.39	7.93	987,000
294	22	40	58	5	3.9	4.39	7.93	1,330,000
295	22	40	58	5	3.9	4.39	7.93	216,000
296	22	40	58	5	3.9	4.39	7.93	315,000
297	22	40	58	5	3.9	4.39	7.93	462,000
298	22	40	58	5	3.9	5.35	7.85	1,670,000
299	22	40	58	5	3.9	5.35	7.85	2,020,000
300	22	40	58	5	3.9	5.35	7.85	2,360,000
301	22	40	58	5	3.9	5.35	7.85	717,000
302	22	40	58	5	3.9	5.35	7.85	976,000
303	22	40	58	5	3.9	5.35	7.85	1,280,000
304	22	40	58	5	3.9	5.35	7.85	226,000
305	22	40	58	5	3.9	5.35	7.85	320,000
306	22	40	58	5	3.9	5.35	7.85	455,000
307	22	40	58	5	3.9	7.01	7.71	2,370,000
308	22	40	58	5	3.9	7.01	7.71	2,910,000
309	22	40	58	5	3.9	7.01	7.71	3,450,000
310	22	40	58	5	3.9	7.01	7.71	960,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
311	22	40	58	5	3.9	7.01	7.71	1,320,000
312	22	40	58	5	3.9	7.01	7.71	1,760,000
313	22	40	58	5	3.9	7.01	7.71	340,000
314	22	40	58	5	3.9	7.01	7.71	482,000
315	22	40	58	5	3.9	7.01	7.71	686,000
316	22	40	58	5	3.9	7.45	7.68	1,880,000
317	22	40	58	5	3.9	7.45	7.68	2,420,000
318	22	40	58	5	3.9	7.45	7.68	3,030,000
319	22	40	58	5	3.9	7.45	7.68	701,000
320	22	40	58	5	3.9	7.45	7.68	965,000
321	22	40	58	5	3.9	7.45	7.68	1,310,000
322	22	40	58	5	3.9	7.45	7.68	253,000
323	22	40	58	5	3.9	7.45	7.68	347,000
324	22	40	58	5	3.9	7.45	7.68	480,000
325	2.6	22.2	30.7	2.8	8.8	3.7	18.95	926,000
326	2.6	22.2	30.7	2.8	8.8	3.7	18.95	1,230,000
327	2.6	22.2	30.7	2.8	8.8	3.7	18.95	1,550,000
328	2.6	22.2	30.7	2.8	8.8	3.7	18.95	263,000
329	2.6	22.2	30.7	2.8	8.8	3.7	18.95	413,000
330	2.6	22.2	30.7	2.8	8.8	3.7	18.95	621,000
331	2.6	22.2	30.7	2.8	8.8	3.7	18.95	75,100
332	2.6	22.2	30.7	2.8	8.8	3.7	18.95	120,000
333	2.6	22.2	30.7	2.8	8.8	3.7	18.95	194,000
334	2.6	22.2	30.7	2.8	8.8	4.88	18.72	979,000
335	2.6	22.2	30.7	2.8	8.8	4.88	18.72	1,270,000
336	2.6	22.2	30.7	2.8	8.8	4.88	18.72	1,550,000
337	2.6	22.2	30.7	2.8	8.8	4.88	18.72	261,000
338	2.6	22.2	30.7	2.8	8.8	4.88	18.72	413,000
339	2.6	22.2	30.7	2.8	8.8	4.88	18.72	623,000
340	2.6	22.2	30.7	2.8	8.8	4.88	18.72	79,300
341	2.6	22.2	30.7	2.8	8.8	4.88	18.72	126,000
342	2.6	22.2	30.7	2.8	8.8	4.88	18.72	205,000
343	2.6	22.2	30.7	2.8	8.8	4.09	18.87	890,000
344	2.6	22.2	30.7	2.8	8.8	4.09	18.87	1,200,000
345	2.6	22.2	30.7	2.8	8.8	4.09	18.87	1,530,000
346	2.6	22.2	30.7	2.8	8.8	4.09	18.87	321,000
347	2.6	22.2	30.7	2.8	8.8	4.09	18.87	489,000
348	2.6	22.2	30.7	2.8	8.8	4.09	18.87	717,000
349	2.6	22.2	30.7	2.8	8.8	4.09	18.87	97,900

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
350	2.6	22.2	30.7	2.8	8.8	4.09	18.87	150,000
351	2.6	22.2	30.7	2.8	8.8	4.09	18.87	234,000
352	11.2	24.3	35.1	4.5	7.5	4.42	13.71	1,630,000
353	11.2	24.3	35.1	4.5	7.5	4.42	13.71	1,960,000
354	11.2	24.3	35.1	4.5	7.5	4.42	13.71	2,260,000
355	11.2	24.3	35.1	4.5	7.5	4.42	13.71	684,000
356	11.2	24.3	35.1	4.5	7.5	4.42	13.71	979,000
357	11.2	24.3	35.1	4.5	7.5	4.42	13.71	1,310,000
358	11.2	24.3	35.1	4.5	7.5	4.42	13.71	131,000
359	11.2	24.3	35.1	4.5	7.5	4.42	13.71	219,000
360	11.2	24.3	35.1	4.5	7.5	4.42	13.71	359,000
361	11.2	24.3	35.1	4.5	7.5	2.84	13.94	2,100,000
362	11.2	24.3	35.1	4.5	7.5	2.84	13.94	2,540,000
363	11.2	24.3	35.1	4.5	7.5	2.84	13.94	2,940,000
364	11.2	24.3	35.1	4.5	7.5	2.84	13.94	898,000
365	11.2	24.3	35.1	4.5	7.5	2.84	13.94	1,270,000
366	11.2	24.3	35.1	4.5	7.5	2.84	13.94	1,710,000
367	11.2	24.3	35.1	4.5	7.5	2.84	13.94	189,000
368	11.2	24.3	35.1	4.5	7.5	2.84	13.94	309,000
369	11.2	24.3	35.1	4.5	7.5	2.84	13.94	494,000
370	11.2	24.3	35.1	4.5	7.5	4.51	13.7	1,620,000
371	11.2	24.3	35.1	4.5	7.5	4.51	13.7	2,020,000
372	11.2	24.3	35.1	4.5	7.5	4.51	13.7	2,420,000
373	11.2	24.3	35.1	4.5	7.5	4.51	13.7	607,000
374	11.2	24.3	35.1	4.5	7.5	4.51	13.7	884,000
375	11.2	24.3	35.1	4.5	7.5	4.51	13.7	1,220,000
376	11.2	24.3	35.1	4.5	7.5	4.51	13.7	118,000
377	11.2	24.3	35.1	4.5	7.5	4.51	13.7	200,000
378	11.2	24.3	35.1	4.5	7.5	4.51	13.7	328,000
379	11.2	24.3	35.1	4.5	7.5	4.34	13.72	1,240,000
380	11.2	24.3	35.1	4.5	7.5	4.34	13.72	1,600,000
381	11.2	24.3	35.1	4.5	7.5	4.34	13.72	1,990,000
382	11.2	24.3	35.1	4.5	7.5	4.34	13.72	458,000
383	11.2	24.3	35.1	4.5	7.5	4.34	13.72	680,000
384	11.2	24.3	35.1	4.5	7.5	4.34	13.72	961,000
385	11.2	24.3	35.1	4.5	7.5	4.34	13.72	73,100
386	11.2	24.3	35.1	4.5	7.5	4.34	13.72	124,000
387	11.2	24.3	35.1	4.5	7.5	4.34	13.72	206,000
388	11.2	24.3	35.1	4.5	7.5	6.7	13.38	1,430,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
389	11.2	24.3	35.1	4.5	7.5	6.7	13.38	1,810,000
390	11.2	24.3	35.1	4.5	7.5	6.7	13.38	2,210,000
391	11.2	24.3	35.1	4.5	7.5	6.7	13.38	423,000
392	11.2	24.3	35.1	4.5	7.5	6.7	13.38	633,000
393	11.2	24.3	35.1	4.5	7.5	6.7	13.38	903,000
394	11.2	24.3	35.1	4.5	7.5	6.7	13.38	70,500
395	11.2	24.3	35.1	4.5	7.5	6.7	13.38	120,000
396	11.2	24.3	35.1	4.5	7.5	6.7	13.38	200,000
397	11.2	24.3	35.1	4.5	7.5	9.06	13.04	1,410,000
398	11.2	24.3	35.1	4.5	7.5	9.06	13.04	1,700,000
399	11.2	24.3	35.1	4.5	7.5	9.06	13.04	1,990,000
400	11.2	24.3	35.1	4.5	7.5	9.06	13.04	482,000
401	11.2	24.3	35.1	4.5	7.5	9.06	13.04	680,000
402	11.2	24.3	35.1	4.5	7.5	9.06	13.04	922,000
403	11.2	24.3	35.1	4.5	7.5	9.06	13.04	115,000
404	11.2	24.3	35.1	4.5	7.5	9.06	13.04	172,000
405	11.2	24.3	35.1	4.5	7.5	9.06	13.04	259,000
406	26.8	37.3	46.4	2.3	7.3	0.1	15.47	1,650,000
407	26.8	37.3	46.4	2.3	7.3	0.1	15.47	2,050,000
408	26.8	37.3	46.4	2.3	7.3	0.1	15.47	2,480,000
409	26.8	37.3	46.4	2.3	7.3	0.1	15.47	737,000
410	26.8	37.3	46.4	2.3	7.3	0.1	15.47	1,020,000
411	26.8	37.3	46.4	2.3	7.3	0.1	15.47	1,360,000
412	26.8	37.3	46.4	2.3	7.3	0.1	15.47	176,000
413	26.8	37.3	46.4	2.3	7.3	0.1	15.47	275,000
414	26.8	37.3	46.4	2.3	7.3	0.1	15.47	418,000
415	26.8	37.3	46.4	2.3	7.3	1.49	15.54	1,600,000
416	26.8	37.3	46.4	2.3	7.3	1.49	15.54	1,920,000
417	26.8	37.3	46.4	2.3	7.3	1.49	15.54	2,230,000
418	26.8	37.3	46.4	2.3	7.3	1.49	15.54	626,000
419	26.8	37.3	46.4	2.3	7.3	1.49	15.54	881,000
420	26.8	37.3	46.4	2.3	7.3	1.49	15.54	1,180,000
421	26.8	37.3	46.4	2.3	7.3	1.49	15.54	134,000
422	26.8	37.3	46.4	2.3	7.3	1.49	15.54	214,000
423	26.8	37.3	46.4	2.3	7.3	1.49	15.54	335,000
424	26.8	37.3	46.4	2.3	7.3	3.11	15.28	1,460,000
425	26.8	37.3	46.4	2.3	7.3	3.11	15.28	1,780,000
426	26.8	37.3	46.4	2.3	7.3	3.11	15.28	2,090,000
427	26.8	37.3	46.4	2.3	7.3	3.11	15.28	607,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
428	26.8	37.3	46.4	2.3	7.3	3.11	15.28	838,000
429	26.8	37.3	46.4	2.3	7.3	3.11	15.28	1,110,000
430	26.8	37.3	46.4	2.3	7.3	3.11	15.28	145,000
431	26.8	37.3	46.4	2.3	7.3	3.11	15.28	211,000
432	26.8	37.3	46.4	2.3	7.3	3.11	15.28	309,000
433	26.8	37.3	46.4	2.3	7.3	1.44	15.55	1,680,000
434	26.8	37.3	46.4	2.3	7.3	1.44	15.55	2,050,000
435	26.8	37.3	46.4	2.3	7.3	1.44	15.55	2,420,000
436	26.8	37.3	46.4	2.3	7.3	1.44	15.55	827,000
437	26.8	37.3	46.4	2.3	7.3	1.44	15.55	1,140,000
438	26.8	37.3	46.4	2.3	7.3	1.44	15.55	1,490,000
439	26.8	37.3	46.4	2.3	7.3	1.44	15.55	197,000
440	26.8	37.3	46.4	2.3	7.3	1.44	15.55	320,000
441	26.8	37.3	46.4	2.3	7.3	1.44	15.55	498,000
442	26.8	37.3	46.4	2.3	7.3	4.65	15.04	1,570,000
443	26.8	37.3	46.4	2.3	7.3	4.65	15.04	1,930,000
444	26.8	37.3	46.4	2.3	7.3	4.65	15.04	2,270,000
445	26.8	37.3	46.4	2.3	7.3	4.65	15.04	563,000
446	26.8	37.3	46.4	2.3	7.3	4.65	15.04	820,000
447	26.8	37.3	46.4	2.3	7.3	4.65	15.04	1,130,000
448	26.8	37.3	46.4	2.3	7.3	4.65	15.04	131,000
449	26.8	37.3	46.4	2.3	7.3	4.65	15.04	211,000
450	26.8	37.3	46.4	2.3	7.3	4.65	15.04	337,000
451	26.8	37.3	46.4	2.3	7.3	1.04	15.08	1,550,000
452	26.8	37.3	46.4	2.3	7.3	1.04	15.08	1,850,000
453	26.8	37.3	46.4	2.3	7.3	1.04	15.08	2,140,000
454	26.8	37.3	46.4	2.3	7.3	1.04	15.08	583,000
455	26.8	37.3	46.4	2.3	7.3	1.04	15.08	818,000
456	26.8	37.3	46.4	2.3	7.3	1.04	15.08	1,090,000
457	26.8	37.3	46.4	2.3	7.3	1.04	15.08	156,000
458	26.8	37.3	46.4	2.3	7.3	1.04	15.08	240,000
459	26.8	37.3	46.4	2.3	7.3	1.04	15.08	364,000
460	0	3	9	10	6.8	5.73	14.32	1,020,000
461	0	3	9	10	6.8	5.73	14.32	1,330,000
462	0	3	9	10	6.8	5.73	14.32	1,650,000
463	0	3	9	10	6.8	5.73	14.32	238,000
464	0	3	9	10	6.8	5.73	14.32	370,000
465	0	3	9	10	6.8	5.73	14.32	554,000
466	0	3	9	10	6.8	5.73	14.32	84,600

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
467	0	3	9	10	6.8	5.73	14.32	136,000
468	0	3	9	10	6.8	5.73	14.32	217,000
469	0	3	9	10	6.8	7.11	14.32	1,020,000
470	0	3	9	10	6.8	7.11	14.32	1,320,000
471	0	3	9	10	6.8	7.11	14.32	1,630,000
472	0	3	9	10	6.8	7.11	14.32	252,000
473	0	3	9	10	6.8	7.11	14.32	392,000
474	0	3	9	10	6.8	7.11	14.32	585,000
475	0	3	9	10	6.8	7.11	14.32	74,900
476	0	3	9	10	6.8	7.11	14.32	118,000
477	0	3	9	10	6.8	7.11	14.32	189,000
478	0	3	9	10	6.8	10.54	14.32	962,000
479	0	3	9	10	6.8	10.54	14.32	1,210,000
480	0	3	9	10	6.8	10.54	14.32	1,460,000
481	0	3	9	10	6.8	10.54	14.32	236,000
482	0	3	9	10	6.8	10.54	14.32	349,000
483	0	3	9	10	6.8	10.54	14.32	499,000
484	0	3	9	10	6.8	10.54	14.32	88,900
485	0	3	9	10	6.8	10.54	14.32	136,000
486	0	3	9	10	6.8	10.54	14.32	206,000
487	0	3	9	10	6.8	10.28	14.32	992,000
488	0	3	9	10	6.8	10.28	14.32	1,220,000
489	0	3	9	10	6.8	10.28	14.32	1,440,000
490	0	3	9	10	6.8	10.28	14.32	277,000
491	0	3	9	10	6.8	10.28	14.32	412,000
492	0	3	9	10	6.8	10.28	14.32	586,000
493	0	3	9	10	6.8	10.28	14.32	106,000
494	0	3	9	10	6.8	10.28	14.32	164,000
495	0	3	9	10	6.8	10.28	14.32	252,000
496	0	3	9	10	6.8	15.09	14.32	654,000
497	0	3	9	10	6.8	15.09	14.32	811,000
498	0	3	9	10	6.8	15.09	14.32	965,000
499	0	3	9	10	6.8	15.09	14.32	175,000
500	0	3	9	10	6.8	15.09	14.32	253,000
501	0	3	9	10	6.8	15.09	14.32	357,000
502	0	3	9	10	6.8	15.09	14.32	72,000
503	0	3	9	10	6.8	15.09	14.32	103,000
504	0	3	9	10	6.8	15.09	14.32	150,000
505	0	3	9	10	6.8	13.84	14.32	761,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
506	0	3	9	10	6.8	13.84	14.32	957,000
507	0	3	9	10	6.8	13.84	14.32	1,140,000
508	0	3	9	10	6.8	13.84	14.32	188,000
509	0	3	9	10	6.8	13.84	14.32	295,000
510	0	3	9	10	6.8	13.84	14.32	442,000
511	0	3	9	10	6.8	13.84	14.32	67,100
512	0	3	9	10	6.8	13.84	14.32	104,000
513	0	3	9	10	6.8	13.84	14.32	164,000
514	0	3	9	10	7.8	6.19	15.54	884,000
515	0	3	9	10	7.8	6.19	15.54	1,130,000
516	0	3	9	10	7.8	6.19	15.54	1,390,000
517	0	3	9	10	7.8	6.19	15.54	320,000
518	0	3	9	10	7.8	6.19	15.54	466,000
519	0	3	9	10	7.8	6.19	15.54	651,000
520	0	3	9	10	7.8	6.19	15.54	81,300
521	0	3	9	10	7.8	6.19	15.54	128,000
522	0	3	9	10	7.8	6.19	15.54	198,000
523	0	3	9	10	7.8	4.88	14.75	1,110,000
524	0	3	9	10	7.8	4.88	14.75	1,410,000
525	0	3	9	10	7.8	4.88	14.75	1,730,000
526	0	3	9	10	7.8	4.88	14.75	399,000
527	0	3	9	10	7.8	4.88	14.75	587,000
528	0	3	9	10	7.8	4.88	14.75	825,000
529	0	3	9	10	7.8	4.88	14.75	107,000
530	0	3	9	10	7.8	4.88	14.75	169,000
531	0	3	9	10	7.8	4.88	14.75	264,000
532	0	3	9	10	7.8	7.51	14.34	1,050,000
533	0	3	9	10	7.8	7.51	14.34	1,300,000
534	0	3	9	10	7.8	7.51	14.34	1,540,000
535	0	3	9	10	7.8	7.51	14.34	243,000
536	0	3	9	10	7.8	7.51	14.34	373,000
537	0	3	9	10	7.8	7.51	14.34	550,000
538	0	3	9	10	7.8	7.51	14.34	80,100
539	0	3	9	10	7.8	7.51	14.34	121,000
540	0	3	9	10	7.8	7.51	14.34	187,000
541	0	3	9	10	7.8	9.07	14.1	988,000
542	0	3	9	10	7.8	9.07	14.1	1,200,000
543	0	3	9	10	7.8	9.07	14.1	1,420,000
544	0	3	9	10	7.8	9.07	14.1	261,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
545	0	3	9	10	7.8	9.07	14.1	377,000
546	0	3	9	10	7.8	9.07	14.1	525,000
547	0	3	9	10	7.8	9.07	14.1	87,800
548	0	3	9	10	7.8	9.07	14.1	133,000
549	0	3	9	10	7.8	9.07	14.1	201,000
550	0	3	9	10	7.8	13.06	13.48	725,000
551	0	3	9	10	7.8	13.06	13.48	909,000
552	0	3	9	10	7.8	13.06	13.48	1,090,000
553	0	3	9	10	7.8	13.06	13.48	186,000
554	0	3	9	10	7.8	13.06	13.48	280,000
555	0	3	9	10	7.8	13.06	13.48	407,000
556	0	3	9	10	7.8	13.06	13.48	67,700
557	0	3	9	10	7.8	13.06	13.48	103,000
558	0	3	9	10	7.8	13.06	13.48	159,000
559	0	3	9	10	7.8	11.49	13.72	828,000
560	0	3	9	10	7.8	11.49	13.72	1,040,000
561	0	3	9	10	7.8	11.49	13.72	1,200,000
562	0	3	9	10	7.8	11.49	13.72	159,000
563	0	3	9	10	7.8	11.49	13.72	280,000
564	0	3	9	10	7.8	11.49	13.72	475,000
565	0	3	9	10	7.8	11.49	13.72	66,100
566	0	3	9	10	7.8	11.49	13.72	97,700
567	0	3	9	10	7.8	11.49	13.72	163,000
568	0	3	9	10	8.8	3.14	14.32	966,000
569	0	3	9	10	8.8	3.14	14.32	1,280,000
570	0	3	9	10	8.8	3.14	14.32	1,610,000
571	0	3	9	10	8.8	3.14	14.32	286,000
572	0	3	9	10	8.8	3.14	14.32	438,000
573	0	3	9	10	8.8	3.14	14.32	648,000
574	0	3	9	10	8.8	3.14	14.32	63,900
575	0	3	9	10	8.8	3.14	14.32	96,300
576	0	3	9	10	8.8	3.14	14.32	149,000
577	0	3	9	10	8.8	2.54	14.32	829,000
578	0	3	9	10	8.8	2.54	14.32	1,100,000
579	0	3	9	10	8.8	2.54	14.32	1,360,000
580	0	3	9	10	8.8	2.54	14.32	240,000
581	0	3	9	10	8.8	2.54	14.32	389,000
582	0	3	9	10	8.8	2.54	14.32	595,000
583	0	3	9	10	8.8	2.54	14.32	49,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
584	0	3	9	10	8.8	2.54	14.32	78,800
585	0	3	9	10	8.8	2.54	14.32	131,000
586	0	3	9	10	8.8	7.27	14.32	765,000
587	0	3	9	10	8.8	7.27	14.32	981,000
588	0	3	9	10	8.8	7.27	14.32	1,190,000
589	0	3	9	10	8.8	7.27	14.32	236,000
590	0	3	9	10	8.8	7.27	14.32	366,000
591	0	3	9	10	8.8	7.27	14.32	534,000
592	0	3	9	10	8.8	7.27	14.32	59,600
593	0	3	9	10	8.8	7.27	14.32	98,600
594	0	3	9	10	8.8	7.27	14.32	163,000
595	0	3	9	10	8.8	7.53	14.32	799,000
596	0	3	9	10	8.8	7.53	14.32	1,030,000
597	0	3	9	10	8.8	7.53	14.32	1,250,000
598	0	3	9	10	8.8	7.53	14.32	265,000
599	0	3	9	10	8.8	7.53	14.32	441,000
600	0	3	9	10	8.8	7.53	14.32	658,000
601	0	3	9	10	8.8	7.53	14.32	41,700
602	0	3	9	10	8.8	7.53	14.32	90,100
603	0	3	9	10	8.8	7.53	14.32	179,000
604	0	3	9	10	8.8	10.07	14.32	683,000
605	0	3	9	10	8.8	10.07	14.32	860,000
606	0	3	9	10	8.8	10.07	14.32	1,030,000
607	0	3	9	10	8.8	10.07	14.32	251,000
608	0	3	9	10	8.8	10.07	14.32	366,000
609	0	3	9	10	8.8	10.07	14.32	510,000
610	0	3	9	10	8.8	10.07	14.32	66,400
611	0	3	9	10	8.8	10.07	14.32	102,000
612	0	3	9	10	8.8	10.07	14.32	158,000
613	0	3	9	10	8.8	11.05	14.32	700,000
614	0	3	9	10	8.8	11.05	14.32	871,000
615	0	3	9	10	8.8	11.05	14.32	1,040,000
616	0	3	9	10	8.8	11.05	14.32	251,000
617	0	3	9	10	8.8	11.05	14.32	351,000
618	0	3	9	10	8.8	11.05	14.32	476,000
619	0	3	9	10	8.8	11.05	14.32	72,400
620	0	3	9	10	8.8	11.05	14.32	102,000
621	0	3	9	10	8.8	11.05	14.32	146,000
622	0	3	9	2	8.2	7.23	15.95	932,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
623	0	3	9	2	8.2	7.23	15.95	1,260,000
624	0	3	9	2	8.2	7.23	15.95	1,590,000
625	0	3	9	2	8.2	7.23	15.95	239,000
626	0	3	9	2	8.2	7.23	15.95	388,000
627	0	3	9	2	8.2	7.23	15.95	604,000
628	0	3	9	2	8.2	7.23	15.95	58,100
629	0	3	9	2	8.2	7.23	15.95	92,600
630	0	3	9	2	8.2	7.23	15.95	153,000
631	0	3	9	2	8.2	9.57	15.95	572,000
632	0	3	9	2	8.2	9.57	15.95	780,000
633	0	3	9	2	8.2	9.57	15.95	970,000
634	0	3	9	2	8.2	9.57	15.95	125,000
635	0	3	9	2	8.2	9.57	15.95	226,000
636	0	3	9	2	8.2	9.57	15.95	381,000
637	0	3	9	2	8.2	9.57	15.95	40,900
638	0	3	9	2	8.2	9.57	15.95	72,900
639	0	3	9	2	8.2	9.57	15.95	135,000
640	0	3	9	2	8.2	10.8	15.95	729,000
641	0	3	9	2	8.2	10.8	15.95	975,000
642	0	3	9	2	8.2	10.8	15.95	1,230,000
643	0	3	9	2	8.2	10.8	15.95	195,000
644	0	3	9	2	8.2	10.8	15.95	307,000
645	0	3	9	2	8.2	10.8	15.95	469,000
646	0	3	9	2	8.2	10.8	15.95	55,200
647	0	3	9	2	8.2	10.8	15.95	81,300
648	0	3	9	2	8.2	10.8	15.95	126,000
649	0	3	9	2	8.2	11.02	15.95	823,000
650	0	3	9	2	8.2	11.02	15.95	1,020,000
651	0	3	9	2	8.2	11.02	15.95	1,220,000
652	0	3	9	2	8.2	11.02	15.95	243,000
653	0	3	9	2	8.2	11.02	15.95	355,000
654	0	3	9	2	8.2	11.02	15.95	499,000
655	0	3	9	2	8.2	11.02	15.95	78,500
656	0	3	9	2	8.2	11.02	15.95	117,000
657	0	3	9	2	8.2	11.02	15.95	175,000
658	0	3	9	2	8.2	15.9	15.95	508,000
659	0	3	9	2	8.2	15.9	15.95	725,000
660	0	3	9	2	8.2	15.9	15.95	1,010,000
661	0	3	9	2	8.2	15.9	15.95	187,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
662	0	3	9	2	8.2	15.9	15.95	268,000
663	0	3	9	2	8.2	15.9	15.95	387,000
664	0	3	9	2	8.2	15.9	15.95	78,100
665	0	3	9	2	8.2	15.9	15.95	104,000
666	0	3	9	2	8.2	15.9	15.95	142,000
667	0	3	9	2	8.2	14.38	15.95	592,000
668	0	3	9	2	8.2	14.38	15.95	773,000
669	0	3	9	2	8.2	14.38	15.95	968,000
670	0	3	9	2	8.2	14.38	15.95	160,000
671	0	3	9	2	8.2	14.38	15.95	235,000
672	0	3	9	2	8.2	14.38	15.95	339,000
673	0	3	9	2	8.2	14.38	15.95	59,400
674	0	3	9	2	8.2	14.38	15.95	87,100
675	0	3	9	2	8.2	14.38	15.95	129,000
676	0	3	9	2	9.2	7.59	16.55	788,000
677	0	3	9	2	9.2	7.59	16.55	1,040,000
678	0	3	9	2	9.2	7.59	16.55	1,290,000
679	0	3	9	2	9.2	7.59	16.55	187,000
680	0	3	9	2	9.2	7.59	16.55	309,000
681	0	3	9	2	9.2	7.59	16.55	482,000
682	0	3	9	2	9.2	7.59	16.55	45,800
683	0	3	9	2	9.2	7.59	16.55	78,100
684	0	3	9	2	9.2	7.59	16.55	135,000
685	0	3	9	2	9.2	8.07	16.47	659,000
686	0	3	9	2	9.2	8.07	16.47	887,000
687	0	3	9	2	9.2	8.07	16.47	1,110,000
688	0	3	9	2	9.2	8.07	16.47	153,000
689	0	3	9	2	9.2	8.07	16.47	252,000
690	0	3	9	2	9.2	8.07	16.47	401,000
691	0	3	9	2	9.2	8.07	16.47	43,900
692	0	3	9	2	9.2	8.07	16.47	66,200
693	0	3	9	2	9.2	8.07	16.47	106,000
694	0	3	9	2	9.2	10.05	16.11	652,000
695	0	3	9	2	9.2	10.05	16.11	879,000
696	0	3	9	2	9.2	10.05	16.11	1,120,000
697	0	3	9	2	9.2	10.05	16.11	170,000
698	0	3	9	2	9.2	10.05	16.11	268,000
699	0	3	9	2	9.2	10.05	16.11	409,000
700	0	3	9	2	9.2	10.05	16.11	49,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
701	0	3	9	2	9.2	10.05	16.11	74,400
702	0	3	9	2	9.2	10.05	16.11	117,000
703	0	3	9	2	9.2	11.17	15.91	507,000
704	0	3	9	2	9.2	11.17	15.91	698,000
705	0	3	9	2	9.2	11.17	15.91	889,000
706	0	3	9	2	9.2	11.17	15.91	130,000
707	0	3	9	2	9.2	11.17	15.91	208,000
708	0	3	9	2	9.2	11.17	15.91	329,000
709	0	3	9	2	9.2	11.17	15.91	47,700
710	0	3	9	2	9.2	11.17	15.91	67,300
711	0	3	9	2	9.2	11.17	15.91	102,000
712	0	3	9	2	9.2	14.06	15.39	465,000
713	0	3	9	2	9.2	14.06	15.39	641,000
714	0	3	9	2	9.2	14.06	15.39	819,000
715	0	3	9	2	9.2	14.06	15.39	112,000
716	0	3	9	2	9.2	14.06	15.39	175,000
717	0	3	9	2	9.2	14.06	15.39	276,000
718	0	3	9	2	9.2	14.06	15.39	46,000
719	0	3	9	2	9.2	14.06	15.39	60,900
720	0	3	9	2	9.2	14.06	15.39	87,300
721	0	3	9	2	9.2	14.84	15.25	485,000
722	0	3	9	2	9.2	14.84	15.25	667,000
723	0	3	9	2	9.2	14.84	15.25	844,000
724	0	3	9	2	9.2	14.84	15.25	111,000
725	0	3	9	2	9.2	14.84	15.25	180,000
726	0	3	9	2	9.2	14.84	15.25	291,000
727	0	3	9	2	9.2	14.84	15.25	44,000
728	0	3	9	2	9.2	14.84	15.25	61,400
729	0	3	9	2	9.2	14.84	15.25	93,300
730	0	3	9	2	10.2	6.17	15.95	672,000
731	0	3	9	2	10.2	6.17	15.95	896,000
732	0	3	9	2	10.2	6.17	15.95	1,140,000
733	0	3	9	2	10.2	6.17	15.95	212,000
734	0	3	9	2	10.2	6.17	15.95	322,000
735	0	3	9	2	10.2	6.17	15.95	470,000
736	0	3	9	2	10.2	6.17	15.95	47,800
737	0	3	9	2	10.2	6.17	15.95	76,700
738	0	3	9	2	10.2	6.17	15.95	123,000
739	0	3	9	2	10.2	6.87	15.95	682,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
740	0	3	9	2	10.2	6.87	15.95	900,000
741	0	3	9	2	10.2	6.87	15.95	1,140,000
742	0	3	9	2	10.2	6.87	15.95	205,000
743	0	3	9	2	10.2	6.87	15.95	313,000
744	0	3	9	2	10.2	6.87	15.95	457,000
745	0	3	9	2	10.2	6.87	15.95	47,000
746	0	3	9	2	10.2	6.87	15.95	75,300
747	0	3	9	2	10.2	6.87	15.95	121,000
748	0	3	9	2	10.2	10.15	15.95	647,000
749	0	3	9	2	10.2	10.15	15.95	826,000
750	0	3	9	2	10.2	10.15	15.95	1,010,000
751	0	3	9	2	10.2	10.15	15.95	222,000
752	0	3	9	2	10.2	10.15	15.95	318,000
753	0	3	9	2	10.2	10.15	15.95	443,000
754	0	3	9	2	10.2	10.15	15.95	67,800
755	0	3	9	2	10.2	10.15	15.95	95,400
756	0	3	9	2	10.2	10.15	15.95	137,000
757	0	3	9	2	10.2	9.41	15.95	653,000
758	0	3	9	2	10.2	9.41	15.95	840,000
759	0	3	9	2	10.2	9.41	15.95	1,040,000
760	0	3	9	2	10.2	9.41	15.95	223,000
761	0	3	9	2	10.2	9.41	15.95	320,000
762	0	3	9	2	10.2	9.41	15.95	448,000
763	0	3	9	2	10.2	9.41	15.95	68,900
764	0	3	9	2	10.2	9.41	15.95	98,800
765	0	3	9	2	10.2	9.41	15.95	144,000
766	0	3	9	2	10.2	12.95	15.95	541,000
767	0	3	9	2	10.2	12.95	15.95	726,000
768	0	3	9	2	10.2	12.95	15.95	914,000
769	0	3	9	2	10.2	12.95	15.95	133,000
770	0	3	9	2	10.2	12.95	15.95	213,000
771	0	3	9	2	10.2	12.95	15.95	331,000
772	0	3	9	2	10.2	12.95	15.95	32,200
773	0	3	9	2	10.2	12.95	15.95	47,500
774	0	3	9	2	10.2	12.95	15.95	74,200
775	0	3	9	2	10.2	13.26	15.95	484,000
776	0	3	9	2	10.2	13.26	15.95	650,000
777	0	3	9	2	10.2	13.26	15.95	847,000
778	0	3	9	2	10.2	13.26	15.95	151,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
779	0	3	9	2	10.2	13.26	15.95	220,000
780	0	3	9	2	10.2	13.26	15.95	315,000
781	0	3	9	2	10.2	13.26	15.95	45,600
782	0	3	9	2	10.2	13.26	15.95	67,200
783	0	3	9	2	10.2	13.26	15.95	99,600
784	0	25	40	4.4	5.6	4.6	12.2	1,740,000
785	0	25	40	4.4	5.6	4.6	12.2	1,930,000
786	0	25	40	4.4	5.6	4.6	12.2	2,090,000
787	0	25	40	4.4	5.6	4.6	12.2	627,000
788	0	25	40	4.4	5.6	4.6	12.2	816,000
789	0	25	40	4.4	5.6	4.6	12.2	1,020,000
790	0	25	40	4.4	5.6	4.6	12.2	103,000
791	0	25	40	4.4	5.6	4.6	12.2	163,000
792	0	25	40	4.4	5.6	4.6	12.2	249,000
793	0	11	35	5.2	5.6	3.8	11.9	1,930,000
794	0	11	35	5.2	5.6	3.8	11.9	2,270,000
795	0	11	35	5.2	5.6	3.8	11.9	2,600,000
796	0	11	35	5.2	5.6	3.8	11.9	519,000
797	0	11	35	5.2	5.6	3.8	11.9	756,000
798	0	11	35	5.2	5.6	3.8	11.9	1,040,000
799	0	11	35	5.2	5.6	3.8	11.9	84,400
800	0	11	35	5.2	5.6	3.8	11.9	145,000
801	0	11	35	5.2	5.6	3.8	11.9	242,000
802	0	0	3	7.8	8	7	16.6	1,020,000
803	0	0	3	7.8	8	7	16.6	1,260,000
804	0	0	3	7.8	8	7	16.6	1,490,000
805	0	0	3	7.8	8	7	16.6	245,000
806	0	0	3	7.8	8	7	16.6	375,000
807	0	0	3	7.8	8	7	16.6	547,000
808	0	0	3	7.8	8	7	16.6	57,200
809	0	0	3	7.8	8	7	16.6	91,200
810	0	0	3	7.8	8	7	16.6	147,000
811	0	0	3	4.4	8.6	5.4	18.1	973,000
812	0	0	3	4.4	8.6	5.4	18.1	1,240,000
813	0	0	3	4.4	8.6	5.4	18.1	1,500,000
814	0	0	3	4.4	8.6	5.4	18.1	257,000
815	0	0	3	4.4	8.6	5.4	18.1	395,000
816	0	0	3	4.4	8.6	5.4	18.1	577,000
817	0	0	3	4.4	8.6	5.4	18.1	55,700

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
818	0	0	3	4.4	8.6	5.4	18.1	94,300
819	0	0	3	4.4	8.6	5.4	18.1	157,000
820	0	12	38	3	5.7	5.3	12.7	1,240,000
821	0	12	38	3	5.7	5.3	12.7	1,580,000
822	0	12	38	3	5.7	5.3	12.7	1,890,000
823	0	12	38	3	5.7	5.3	12.7	233,000
824	0	12	38	3	5.7	5.3	12.7	399,000
825	0	12	38	3	5.7	5.3	12.7	645,000
826	0	12	38	3	5.7	5.3	12.7	48,300
827	0	12	38	3	5.7	5.3	12.7	75,600
828	0	12	38	3	5.7	5.3	12.7	127,000
829	0	24	42	4	6.2	2.8	12.8	1,170,000
830	0	24	42	4	6.2	2.8	12.8	1,500,000
831	0	24	42	4	6.2	2.8	12.8	1,800,000
832	0	24	42	4	6.2	2.8	12.8	230,000
833	0	24	42	4	6.2	2.8	12.8	387,000
834	0	24	42	4	6.2	2.8	12.8	620,000
835	0	24	42	4	6.2	2.8	12.8	51,600
836	0	24	42	4	6.2	2.8	12.8	75,300
837	0	24	42	4	6.2	2.8	12.8	119,000
838	2	27	43	4	5.8	4	11.9	1,270,000
839	2	27	43	4	5.8	4	11.9	1,590,000
840	2	27	43	4	5.8	4	11.9	1,880,000
841	2	27	43	4	5.8	4	11.9	268,000
842	2	27	43	4	5.8	4	11.9	434,000
843	2	27	43	4	5.8	4	11.9	666,000
844	2	27	43	4	5.8	4	11.9	49,100
845	2	27	43	4	5.8	4	11.9	76,400
846	2	27	43	4	5.8	4	11.9	125,000
847	2	27	43	4	5.8	1.9	12.1	1,580,000
848	2	27	43	4	5.8	1.9	12.1	2,050,000
849	2	27	43	4	5.8	1.9	12.1	2,550,000
850	2	27	43	4	5.8	1.9	12.1	386,000
851	2	27	43	4	5.8	1.9	12.1	588,000
852	2	27	43	4	5.8	1.9	12.1	863,000
853	2	27	43	4	5.8	1.9	12.1	74,600
854	2	27	43	4	5.8	1.9	12.1	119,000
855	2	27	43	4	5.8	1.9	12.1	190,000
856	0	10	40	5	5.4	11.9	9.9	923,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
857	0	10	40	5	5.4	11.9	9.9	1,170,000
858	0	10	40	5	5.4	11.9	9.9	1,420,000
859	0	10	40	5	5.4	11.9	9.9	276,000
860	0	10	40	5	5.4	11.9	9.9	411,000
861	0	10	40	5	5.4	11.9	9.9	585,000
862	0	10	40	5	5.4	11.9	9.9	52,000
863	0	10	40	5	5.4	11.9	9.9	82,100
864	0	10	40	5	5.4	11.9	9.9	130,000
865	0	21	47	4	5.2	11.6	9.9	733,000
866	0	21	47	4	5.2	11.6	9.9	922,000
867	0	21	47	4	5.2	11.6	9.9	1,110,000
868	0	21	47	4	5.2	11.6	9.9	236,000
869	0	21	47	4	5.2	11.6	9.9	351,000
870	0	21	47	4	5.2	11.6	9.9	497,000
871	0	21	47	4	5.2	11.6	9.9	42,600
872	0	21	47	4	5.2	11.6	9.9	68,400
873	0	21	47	4	5.2	11.6	9.9	110,000
874	0	10	23	10	5.7	14.1	9.2	759,000
875	0	10	23	10	5.7	14.1	9.2	978,000
876	0	10	23	10	5.7	14.1	9.2	1,210,000
877	0	10	23	10	5.7	14.1	9.2	269,000
878	0	10	23	10	5.7	14.1	9.2	390,000
879	0	10	23	10	5.7	14.1	9.2	549,000
880	0	10	23	10	5.7	14.1	9.2	79,300
881	0	10	23	10	5.7	14.1	9.2	113,000
882	0	10	23	10	5.7	14.1	9.2	164,000
883	0	0	42	3	5.2	6.2	11	1,290,000
884	0	0	42	3	5.2	6.2	11	1,630,000
885	0	0	42	3	5.2	6.2	11	1,980,000
886	0	0	42	3	5.2	6.2	11	373,000
887	0	0	42	3	5.2	6.2	11	561,000
888	0	0	42	3	5.2	6.2	11	804,000
889	0	0	42	3	5.2	6.2	11	60,300
890	0	0	42	3	5.2	6.2	11	102,000
891	0	0	42	3	5.2	6.2	11	170,000
892	1	17	50	5	3	9	6.2	1,640,000
893	1	17	50	5	3	9	6.2	1,990,000
894	1	17	50	5	3	9	6.2	2,290,000
895	1	17	50	5	3	9	6.2	523,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
896	1	17	50	5	3	9	6.2	799,000
897	1	17	50	5	3	9	6.2	1,140,000
898	1	17	50	5	3	9	6.2	120,000
899	1	17	50	5	3	9	6.2	187,000
900	1	17	50	5	3	9	6.2	301,000
901	0	15	35	5.1	4	6.6	7.7	1,510,000
902	0	15	35	5.1	4	6.6	7.7	1,950,000
903	0	15	35	5.1	4	6.6	7.7	2,380,000
904	0	15	35	5.1	4	6.6	7.7	383,000
905	0	15	35	5.1	4	6.6	7.7	584,000
906	0	15	35	5.1	4	6.6	7.7	870,000
907	0	15	35	5.1	4	6.6	7.7	141,000
908	0	15	35	5.1	4	6.6	7.7	203,000
909	0	15	35	5.1	4	6.6	7.7	305,000
910	0	15	35	5.1	4	10.3	7.4	918,000
911	0	15	35	5.1	4	10.3	7.4	1,160,000
912	0	15	35	5.1	4	10.3	7.4	1,390,000
913	0	15	35	5.1	4	10.3	7.4	258,000
914	0	15	35	5.1	4	10.3	7.4	386,000
915	0	15	35	5.1	4	10.3	7.4	558,000
916	0	15	35	5.1	4	10.3	7.4	55,200
917	0	15	35	5.1	4	10.3	7.4	79,700
918	0	15	35	5.1	4	10.3	7.4	120,000
919	0	15	35	5.1	4	12.3	7.3	631,000
920	0	15	35	5.1	4	12.3	7.3	866,000
921	0	15	35	5.1	4	12.3	7.3	1,130,000
922	0	15	35	5.1	4	12.3	7.3	162,000
923	0	15	35	5.1	4	12.3	7.3	244,000
924	0	15	35	5.1	4	12.3	7.3	366,000
925	0	15	35	5.1	4	12.3	7.3	55,200
926	0	15	35	5.1	4	12.3	7.3	74,300
927	0	15	35	5.1	4	12.3	7.3	105,000
928	0	15	35	5.1	5	3.8	10.3	1,530,000
929	0	15	35	5.1	5	3.8	10.3	1,950,000
930	0	15	35	5.1	5	3.8	10.3	2,370,000
931	0	15	35	5.1	5	3.8	10.3	433,000
932	0	15	35	5.1	5	3.8	10.3	648,000
933	0	15	35	5.1	5	3.8	10.3	936,000
934	0	15	35	5.1	5	3.8	10.3	128,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
935	0	15	35	5.1	5	3.8	10.3	188,000
936	0	15	35	5.1	5	3.8	10.3	284,000
937	0	15	35	5.1	5	7.2	9.9	970,000
938	0	15	35	5.1	5	7.2	9.9	1,270,000
939	0	15	35	5.1	5	7.2	9.9	1,600,000
940	0	15	35	5.1	5	7.2	9.9	258,000
941	0	15	35	5.1	5	7.2	9.9	394,000
942	0	15	35	5.1	5	7.2	9.9	580,000
943	0	15	35	5.1	5	7.2	9.9	55,600
944	0	15	35	5.1	5	7.2	9.9	88,100
945	0	15	35	5.1	5	7.2	9.9	140,000
946	0	15	35	5.1	5	9.3	9.7	814,000
947	0	15	35	5.1	5	9.3	9.7	1,070,000
948	0	15	35	5.1	5	9.3	9.7	1,320,000
949	0	15	35	5.1	5	9.3	9.7	182,000
950	0	15	35	5.1	5	9.3	9.7	274,000
951	0	15	35	5.1	5	9.3	9.7	410,000
952	0	15	35	5.1	5	9.3	9.7	51,800
953	0	15	35	5.1	5	9.3	9.7	69,600
954	0	15	35	5.1	5	9.3	9.7	98,400
955	0	15	35	5.1	6	0.6	12.9	1,350,000
956	0	15	35	5.1	6	0.6	12.9	1,740,000
957	0	15	35	5.1	6	0.6	12.9	2,110,000
958	0	15	35	5.1	6	0.6	12.9	366,000
959	0	15	35	5.1	6	0.6	12.9	562,000
960	0	15	35	5.1	6	0.6	12.9	838,000
961	0	15	35	5.1	6	0.6	12.9	103,000
962	0	15	35	5.1	6	0.6	12.9	141,000
963	0	15	35	5.1	6	0.6	12.9	205,000
964	0	15	35	5.1	6	4.5	12.4	1,010,000
965	0	15	35	5.1	6	4.5	12.4	1,350,000
966	0	15	35	5.1	6	4.5	12.4	1,750,000
967	0	15	35	5.1	6	4.5	12.4	289,000
968	0	15	35	5.1	6	4.5	12.4	418,000
969	0	15	35	5.1	6	4.5	12.4	594,000
970	0	15	35	5.1	6	4.5	12.4	66,000
971	0	15	35	5.1	6	4.5	12.4	96,100
972	0	15	35	5.1	6	4.5	12.4	141,000
973	0	15	35	5.1	6	6.1	12.2	774,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
974	0	15	35	5.1	6	6.1	12.2	1,040,000
975	0	15	35	5.1	6	6.1	12.2	1,320,000
976	0	15	35	5.1	6	6.1	12.2	203,000
977	0	15	35	5.1	6	6.1	12.2	322,000
978	0	15	35	5.1	6	6.1	12.2	495,000
979	0	15	35	5.1	6	6.1	12.2	50,300
980	0	15	35	5.1	6	6.1	12.2	74,100
981	0	15	35	5.1	6	6.1	12.2	115,000
982	0	15	35	5.1	4	6.8	7.7	2,010,000
983	0	15	35	5.1	4	6.8	7.7	2,460,000
984	0	15	35	5.1	4	6.8	7.7	2,890,000
985	0	15	35	5.1	4	6.8	7.7	690,000
986	0	15	35	5.1	4	6.8	7.7	1,010,000
987	0	15	35	5.1	4	6.8	7.7	1,400,000
988	0	15	35	5.1	4	6.8	7.7	127,000
989	0	15	35	5.1	4	6.8	7.7	213,000
990	0	15	35	5.1	4	6.8	7.7	349,000
991	0	15	35	5.1	4	12.5	7.2	1,100,000
992	0	15	35	5.1	4	12.5	7.2	1,350,000
993	0	15	35	5.1	4	12.5	7.2	1,570,000
994	0	15	35	5.1	4	12.5	7.2	311,000
995	0	15	35	5.1	4	12.5	7.2	472,000
996	0	15	35	5.1	4	12.5	7.2	690,000
997	0	15	35	5.1	4	12.5	7.2	90,900
998	0	15	35	5.1	4	12.5	7.2	122,000
999	0	15	35	5.1	4	12.5	7.2	176,000
1000	0	15	35	5.1	5	3.5	10.3	2,190,000
1001	0	15	35	5.1	5	3.5	10.3	2,640,000
1002	0	15	35	5.1	5	3.5	10.3	3,070,000
1003	0	15	35	5.1	5	3.5	10.3	689,000
1004	0	15	35	5.1	5	3.5	10.3	997,000
1005	0	15	35	5.1	5	3.5	10.3	1,370,000
1006	0	15	35	5.1	5	3.5	10.3	155,000
1007	0	15	35	5.1	5	3.5	10.3	263,000
1008	0	15	35	5.1	5	3.5	10.3	427,000
1009	0	15	35	5.1	5	7	9.9	1,530,000
1010	0	15	35	5.1	5	7	9.9	1,920,000
1011	0	15	35	5.1	5	7	9.9	2,280,000
1012	0	15	35	5.1	5	7	9.9	438,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1013	0	15	35	5.1	5	7	9.9	691,000
1014	0	15	35	5.1	5	7	9.9	1,020,000
1015	0	15	35	5.1	5	7	9.9	69,300
1016	0	15	35	5.1	5	7	9.9	114,000
1017	0	15	35	5.1	5	7	9.9	194,000
1018	0	15	35	5.1	5	9.5	9.7	1,150,000
1019	0	15	35	5.1	5	9.5	9.7	1,440,000
1020	0	15	35	5.1	5	9.5	9.7	1,720,000
1021	0	15	35	5.1	5	9.5	9.7	358,000
1022	0	15	35	5.1	5	9.5	9.7	538,000
1023	0	15	35	5.1	5	9.5	9.7	768,000
1024	0	15	35	5.1	5	9.5	9.7	68,500
1025	0	15	35	5.1	5	9.5	9.7	110,000
1026	0	15	35	5.1	5	9.5	9.7	177,000
1027	0	15	35	5.1	6	0.9	12.9	1,890,000
1028	0	15	35	5.1	6	0.9	12.9	2,350,000
1029	0	15	35	5.1	6	0.9	12.9	2,820,000
1030	0	15	35	5.1	6	0.9	12.9	469,000
1031	0	15	35	5.1	6	0.9	12.9	682,000
1032	0	15	35	5.1	6	0.9	12.9	957,000
1033	0	15	35	5.1	6	0.9	12.9	128,000
1034	0	15	35	5.1	6	0.9	12.9	200,000
1035	0	15	35	5.1	6	0.9	12.9	308,000
1036	0	15	35	5.1	6	6.1	12.2	1,330,000
1037	0	15	35	5.1	6	6.1	12.2	1,640,000
1038	0	15	35	5.1	6	6.1	12.2	1,910,000
1039	0	15	35	5.1	6	6.1	12.2	420,000
1040	0	15	35	5.1	6	6.1	12.2	667,000
1041	0	15	35	5.1	6	6.1	12.2	973,000
1042	0	15	35	5.1	6	6.1	12.2	46,200
1043	0	15	35	5.1	6	6.1	12.2	76,100
1044	0	15	35	5.1	6	6.1	12.2	132,000
1045	0	0	19	4.4	6	9.3	12.3	1,010,000
1046	0	0	19	4.4	6	9.3	12.3	1,320,000
1047	0	0	19	4.4	6	9.3	12.3	1,600,000
1048	0	0	19	4.4	6	9.3	12.3	159,000
1049	0	0	19	4.4	6	9.3	12.3	275,000
1050	0	0	19	4.4	6	9.3	12.3	457,000
1051	0	0	19	4.4	6	9.3	12.3	32,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1052	0	0	19	4.4	6	9.3	12.3	48,700
1053	0	0	19	4.4	6	9.3	12.3	79,800
1054	5	56	67	0.4	4.5	6.6	8.6	1,370,000
1055	5	56	67	0.4	4.5	6.6	8.6	1,730,000
1056	5	56	67	0.4	4.5	6.6	8.6	2,070,000
1057	5	56	67	0.4	4.5	6.6	8.6	260,000
1058	5	56	67	0.4	4.5	6.6	8.6	422,000
1059	5	56	67	0.4	4.5	6.6	8.6	652,000
1060	5	56	67	0.4	4.5	6.6	8.6	39,200
1061	5	56	67	0.4	4.5	6.6	8.6	61,200
1062	5	56	67	0.4	4.5	6.6	8.6	100,000
1063	8	31	43	5.7	4	6	7.6	1,280,000
1064	8	31	43	5.7	4	6	7.6	1,620,000
1065	8	31	43	5.7	4	6	7.6	1,960,000
1066	8	31	43	5.7	4	6	7.6	323,000
1067	8	31	43	5.7	4	6	7.6	511,000
1068	8	31	43	5.7	4	6	7.6	760,000
1069	8	31	43	5.7	4	6	7.6	58,700
1070	8	31	43	5.7	4	6	7.6	103,000
1071	8	31	43	5.7	4	6	7.6	178,000
1072	0	19	37	5.7	5.4	3	11.7	987,000
1073	0	19	37	5.7	5.4	3	11.7	1,220,000
1074	0	19	37	5.7	5.4	3	11.7	1,430,000
1075	0	19	37	5.7	5.4	3	11.7	232,000
1076	0	19	37	5.7	5.4	3	11.7	356,000
1077	0	19	37	5.7	5.4	3	11.7	530,000
1078	0	19	37	5.7	5.4	3	11.7	62,600
1079	0	19	37	5.7	5.4	3	11.7	87,500
1080	0	19	37	5.7	5.4	3	11.7	129,000
1081	0	19	37	5.7	5.4	3.8	11.6	929,000
1082	0	19	37	5.7	5.4	3.8	11.6	1,200,000
1083	0	19	37	5.7	5.4	3.8	11.6	1,460,000
1084	0	19	37	5.7	5.4	3.8	11.6	195,000
1085	0	19	37	5.7	5.4	3.8	11.6	312,000
1086	0	19	37	5.7	5.4	3.8	11.6	486,000
1087	0	19	37	5.7	5.4	3.8	11.6	53,600
1088	0	19	37	5.7	5.4	3.8	11.6	75,100
1089	0	19	37	5.7	5.4	3.8	11.6	113,000
1090	4	43	64	4.5	4.5	4.1	10.2	909,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1091	4	43	64	4.5	4.5	4.1	10.2	1,180,000
1092	4	43	64	4.5	4.5	4.1	10.2	1,430,000
1093	4	43	64	4.5	4.5	4.1	10.2	209,000
1094	4	43	64	4.5	4.5	4.1	10.2	328,000
1095	4	43	64	4.5	4.5	4.1	10.2	506,000
1096	4	43	64	4.5	4.5	4.1	10.2	66,700
1097	4	43	64	4.5	4.5	4.1	10.2	86,400
1098	4	43	64	4.5	4.5	4.1	10.2	121,000
1099	4	43	64	4.5	4.5	5.6	10	796,000
1100	4	43	64	4.5	4.5	5.6	10	1,000,000
1101	4	43	64	4.5	4.5	5.6	10	1,180,000
1102	4	43	64	4.5	4.5	5.6	10	173,000
1103	4	43	64	4.5	4.5	5.6	10	269,000
1104	4	43	64	4.5	4.5	5.6	10	412,000
1105	4	43	64	4.5	4.5	5.6	10	56,200
1106	4	43	64	4.5	4.5	5.6	10	71,400
1107	4	43	64	4.5	4.5	5.6	10	98,100
1108	0	3	36.3	8.2	5.5	3.3	12.1	773,000
1109	0	3	36.3	8.2	5.5	3.3	12.1	1,020,000
1110	0	3	36.3	8.2	5.5	3.3	12.1	1,240,000
1111	0	3	36.3	8.2	5.5	3.3	12.1	243,000
1112	0	3	36.3	8.2	5.5	3.3	12.1	424,000
1113	0	3	36.3	8.2	5.5	3.3	12.1	661,000
1114	0	3	36.3	8.2	5.5	3.3	12.1	64,400
1115	0	3	36.3	8.2	5.5	3.3	12.1	124,000
1116	0	3	36.3	8.2	5.5	3.3	12.1	236,000
1117	0	3	36.3	8.2	5.5	7.2	11.6	658,000
1118	0	3	36.3	8.2	5.5	7.2	11.6	860,000
1119	0	3	36.3	8.2	5.5	7.2	11.6	1,040,000
1120	0	3	36.3	8.2	5.5	7.2	11.6	193,000
1121	0	3	36.3	8.2	5.5	7.2	11.6	338,000
1122	0	3	36.3	8.2	5.5	7.2	11.6	527,000
1123	0	3	36.3	8.2	5.5	7.2	11.6	49,300
1124	0	3	36.3	8.2	5.5	7.2	11.6	99,200
1125	0	3	36.3	8.2	5.5	7.2	11.6	191,000
1126	11.6	48.4	65.5	2.3	3.5	8	8	691,000
1127	11.6	48.4	65.5	2.3	3.5	8	8	916,000
1128	11.6	48.4	65.5	2.3	3.5	8	8	1,130,000
1129	11.6	48.4	65.5	2.3	3.5	8	8	232,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1130	11.6	48.4	65.5	2.3	3.5	8	8	383,000
1131	11.6	48.4	65.5	2.3	3.5	8	8	580,000
1132	11.6	48.4	65.5	2.3	3.5	8	8	74,600
1133	11.6	48.4	65.5	2.3	3.5	8	8	137,000
1134	11.6	48.4	65.5	2.3	3.5	8	8	243,000
1135	11.6	48.4	65.5	2.3	3.5	13.2	7.5	676,000
1136	11.6	48.4	65.5	2.3	3.5	13.2	7.5	847,000
1137	11.6	48.4	65.5	2.3	3.5	13.2	7.5	990,000
1138	11.6	48.4	65.5	2.3	3.5	13.2	7.5	209,000
1139	11.6	48.4	65.5	2.3	3.5	13.2	7.5	335,000
1140	11.6	48.4	65.5	2.3	3.5	13.2	7.5	499,000
1141	11.6	48.4	65.5	2.3	3.5	13.2	7.5	78,000
1142	11.6	48.4	65.5	2.3	3.5	13.2	7.5	128,000
1143	11.6	48.4	65.5	2.3	3.5	13.2	7.5	212,000
1144	0	10	23	10	5.7	14.8	9.1	766,000
1145	0	10	23	10	5.7	14.8	9.1	965,000
1146	0	10	23	10	5.7	14.8	9.1	1,160,000
1147	0	10	23	10	5.7	14.8	9.1	222,000
1148	0	10	23	10	5.7	14.8	9.1	326,000
1149	0	10	23	10	5.7	14.8	9.1	465,000
1150	0	10	23	10	5.7	14.8	9.1	62,600
1151	0	10	23	10	5.7	14.8	9.1	87,700
1152	0	10	23	10	5.7	14.8	9.1	127,000
1153	2.6	22.2	30.7	2.8	8.8	4.27	18.84	954,000
1154	2.6	22.2	30.7	2.8	8.8	4.27	18.84	1,220,000
1155	2.6	22.2	30.7	2.8	8.8	4.27	18.84	1,470,000
1156	2.6	22.2	30.7	2.8	8.8	4.27	18.84	309,000
1157	2.6	22.2	30.7	2.8	8.8	4.27	18.84	482,000
1158	2.6	22.2	30.7	2.8	8.8	4.27	18.84	711,000
1159	2.6	22.2	30.7	2.8	8.8	4.27	18.84	91,400
1160	2.6	22.2	30.7	2.8	8.8	4.27	18.84	139,000
1161	2.6	22.2	30.7	2.8	8.8	4.27	18.84	220,000
1162	2.6	22.2	30.7	2.8	8.8	9.36	17.83	353,000
1163	2.6	22.2	30.7	2.8	8.8	9.36	17.83	520,000
1164	2.6	22.2	30.7	2.8	8.8	9.36	17.83	686,000
1165	2.6	22.2	30.7	2.8	8.8	9.36	17.83	92,600
1166	2.6	22.2	30.7	2.8	8.8	9.36	17.83	158,000
1167	2.6	22.2	30.7	2.8	8.8	9.36	17.83	266,000
1168	2.6	22.2	30.7	2.8	8.8	9.36	17.83	38,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1169	2.6	22.2	30.7	2.8	8.8	9.36	17.83	53,200
1170	2.6	22.2	30.7	2.8	8.8	9.36	17.83	83,200
1171	2.6	22.2	30.7	2.8	8.8	8.88	17.93	573,000
1172	2.6	22.2	30.7	2.8	8.8	8.88	17.93	792,000
1173	2.6	22.2	30.7	2.8	8.8	8.88	17.93	1,020,000
1174	2.6	22.2	30.7	2.8	8.8	8.88	17.93	175,000
1175	2.6	22.2	30.7	2.8	8.8	8.88	17.93	282,000
1176	2.6	22.2	30.7	2.8	8.8	8.88	17.93	438,000
1177	2.6	22.2	30.7	2.8	8.8	8.88	17.93	62,200
1178	2.6	22.2	30.7	2.8	8.8	8.88	17.93	92,300
1179	2.6	22.2	30.7	2.8	8.8	8.88	17.93	145,000
1180	2	30	50	4	4.8	4.97	10.8	327,000
1181	2	30	50	4	4.8	4.97	10.8	327,000
1182	2	30	50	4	4.8	4.97	10.8	327,000
1183	2	30	50	4	4.8	4.97	10.8	327,000
1184	2	30	50	4	4.8	4.97	10.8	327,000
1185	2	30	50	4	4.8	4.97	10.8	327,000
1186	2	30	50	4	4.8	4.97	10.8	327,000
1187	2	30	50	4	4.8	4.97	10.8	327,000
1188	2	30	50	4	4.8	4.97	10.8	327,000
1189	2	30	50	4	4.8	4.97	10.8	327,000
1190	2	30	50	4	4.8	4.97	10.8	327,000
1191	2	30	50	4	4.8	4.97	10.8	327,000
1192	2	30	50	4	4.8	4.97	10.8	327,000
1193	2	30	50	4	4.8	4.97	10.8	327,000
1194	2	30	50	4	4.8	4.97	10.8	327,000
1195	2	30	50	4	4.8	4.97	10.8	327,000
1196	2	30	50	4	4.8	4.97	10.8	327,000
1197	2	30	50	4	4.8	4.97	10.8	327,000
1198	2	30	50	4	4.8	4.97	10.8	327,000
1199	2	30	50	4	4.8	4.97	10.8	327,000
1200	2	30	50	4	4.8	4.97	10.8	327,000
1201	2	30	50	4	4.8	4.97	10.8	327,000
1202	2	30	50	4	4.8	4.97	10.8	327,000
1203	2	30	50	4	4.8	4.97	10.8	327,000
1204	2	30	50	4	4.8	4.97	10.8	327,000
1205	2	30	50	4	4.8	4.97	10.8	327,000
1206	2	30	50	4	4.8	4.97	10.8	327,000
1207	2	30	50	4	4.8	4.97	10.8	327,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1208	2	30	50	4	4.8	4.97	10.8	327,000
1209	2	30	50	4	4.8	4.97	10.8	327,000
1210	2	30	50	4	4.8	4.97	10.8	327,000
1211	2	30	50	4	4.8	4.97	10.8	327,000
1212	2	30	50	4	4.8	4.97	10.8	327,000
1213	2	30	50	4	4.8	4.97	10.8	327,000
1214	2	30	50	4	4.8	4.97	10.8	327,000
1215	2	30	50	4	4.8	4.97	10.8	327,000
1216	2	30	50	4	4.8	4.97	10.8	327,000
1217	2	30	50	4	4.8	4.97	10.8	327,000
1218	2	30	50	4	4.8	4.97	10.8	327,000
1219	2	30	50	4	4.8	4.97	10.8	327,000
1220	2	30	50	4	4.8	4.97	10.8	327,000
1221	2	30	50	4	4.8	4.97	10.8	327,000
1222	2	30	50	4	4.8	4.97	10.8	327,000
1223	2	30	50	4	4.8	4.97	10.8	327,000
1224	2	30	50	4	4.8	4.97	10.8	327,000
1225	2	30	50	4	4.8	4.97	10.8	327,000
1226	2	30	50	4	4.8	4.97	10.8	327,000
1227	2	30	50	4	4.8	4.97	10.8	327,000
1228	2	30	50	4	4.8	4.97	10.8	327,000
1229	2	30	50	4	4.8	4.97	10.8	327,000
1230	2	30	50	4	4.8	4.97	10.8	327,000
1231	2	30	50	4	4.8	4.97	10.8	327,000
1232	2	30	50	4	4.8	4.97	10.8	327,000
1233	2	30	50	4	4.8	4.97	10.8	327,000
1234	2	30	50	4	4.8	4.97	10.8	327,000
1235	2	30	50	4	4.8	4.97	10.8	327,000
1236	2	30	50	4	4.8	4.97	10.8	327,000
1237	2	30	50	4	4.8	4.97	10.8	327,000
1238	2	30	50	4	4.8	4.97	10.8	327,000
1239	2	30	50	4	4.8	4.97	10.8	327,000
1240	2	30	50	4	4.8	4.97	10.8	327,000
1241	2	30	50	4	4.8	4.97	10.8	327,000
1242	2	30	50	4	4.8	4.97	10.8	327,000
1243	2	30	50	4	4.8	4.97	10.8	327,000
1244	2	30	50	4	4.8	4.97	10.8	327,000
1245	2	30	50	4	4.8	4.97	10.8	327,000
1246	2	30	50	4	4.8	4.97	10.8	327,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1247	2	30	50	4	4.8	4.97	10.8	327,000
1248	2	30	50	4	4.8	4.97	10.8	156,000
1249	2	30	50	4	4.8	4.97	10.8	156,000
1250	2	30	50	4	4.8	4.97	10.8	156,000
1251	2	30	50	4	4.8	4.97	10.8	156,000
1252	2	30	50	4	4.8	4.97	10.8	156,000
1253	2	30	50	4	4.8	4.97	10.8	156,000
1254	2	30	50	4	4.8	4.97	10.8	156,000
1255	2	30	50	4	4.8	4.97	10.8	156,000
1256	2	30	50	4	4.8	4.97	10.8	156,000
1257	2	30	50	4	4.8	4.97	10.8	156,000
1258	2	30	50	4	4.8	4.97	10.8	156,000
1259	2	30	50	4	4.8	4.97	10.8	156,000
1260	2	30	50	4	4.8	4.97	10.8	156,000
1261	2	30	50	4	4.8	4.97	10.8	156,000
1262	2	30	50	4	4.8	4.97	10.8	156,000
1263	2	30	50	4	4.8	4.97	10.8	156,000
1264	2	30	50	4	4.8	4.97	10.8	156,000
1265	2	30	50	4	4.8	4.97	10.8	156,000
1266	2	30	50	4	4.8	4.97	10.8	156,000
1267	2	30	50	4	4.8	4.97	10.8	156,000
1268	2	30	50	4	4.8	4.97	10.8	156,000
1269	2	30	50	4	4.8	4.97	10.8	156,000
1270	2	30	50	4	4.8	4.97	10.8	156,000
1271	2	30	50	4	4.8	4.97	10.8	156,000
1272	2	30	50	4	4.8	4.97	10.8	156,000
1273	2	30	50	4	4.8	4.97	10.8	156,000
1274	2	30	50	4	4.8	4.97	10.8	156,000
1275	2	30	50	4	4.8	4.97	10.8	156,000
1276	2	30	50	4	4.8	4.97	10.8	156,000
1277	2	30	50	4	4.8	4.97	10.8	156,000
1278	2	30	50	4	4.8	4.97	10.8	156,000
1279	2	30	50	4	4.8	4.97	10.8	156,000
1280	2	30	50	4	4.8	4.97	10.8	156,000
1281	2	30	50	4	4.8	4.97	10.8	156,000
1282	2	30	50	4	4.8	4.97	10.8	156,000
1283	2	30	50	4	4.8	4.97	10.8	156,000
1284	2	30	50	4	4.8	4.97	10.8	82,200
1285	2	30	50	4	4.8	4.97	10.8	82,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1286	2	30	50	4	4.8	4.97	10.8	82,200
1287	2	30	50	4	4.8	4.97	10.8	82,200
1288	2	30	50	4	4.8	4.97	10.8	82,200
1289	2	30	50	4	4.8	4.97	10.8	82,200
1290	2	30	50	4	4.8	4.97	10.8	82,200
1291	2	30	50	4	4.8	4.97	10.8	82,200
1292	2	30	50	4	4.8	4.97	10.8	82,200
1293	2	30	50	4	4.8	4.97	10.8	82,200
1294	2	30	50	4	4.8	4.97	10.8	82,200
1295	2	30	50	4	4.8	4.97	10.8	82,200
1296	2	30	50	4	4.8	4.97	10.8	82,200
1297	2	30	50	4	4.8	4.97	10.8	82,200
1298	2	30	50	4	4.8	4.97	10.8	82,200
1299	2	30	50	4	4.8	4.97	10.8	82,200
1300	2	30	50	4	4.8	4.97	10.8	82,200
1301	2	30	50	4	4.8	4.97	10.8	82,200
1302	2	30	50	4	4.8	4.97	10.8	82,200
1303	2	30	50	4	4.8	4.97	10.8	82,200
1304	2	30	50	4	4.8	4.97	10.8	82,200
1305	2	30	50	4	4.8	4.97	10.8	82,200
1306	2	30	50	4	4.8	4.97	10.8	82,200
1307	2	30	50	4	4.8	4.97	10.8	82,200
1308	2	30	50	4	4.8	4.97	10.8	82,200
1309	2	30	50	4	4.8	4.97	10.8	82,200
1310	2	30	50	4	4.8	4.97	10.8	82,200
1311	2	30	50	4	4.8	4.97	10.8	82,200
1312	2	30	50	4	4.8	4.97	10.8	82,200
1313	2	30	50	4	4.8	4.97	10.8	82,200
1314	2	30	50	4	4.8	4.97	10.8	82,200
1315	2	30	50	4	4.8	4.97	10.8	82,200
1316	2	30	50	4	4.8	4.97	10.8	82,200
1317	2	30	50	4	4.8	4.97	10.8	82,200
1318	2	30	50	4	4.8	4.97	10.8	82,200
1319	2	30	50	4	4.8	4.97	10.8	82,200
1320	2	30	50	4	4.8	4.97	10.8	82,200
1321	2	30	50	4	4.8	4.97	10.8	82,200
1322	2	30	50	4	4.7	4.12	10.78	273,000
1323	2	30	50	4	4.7	4.12	10.78	273,000
1324	2	30	50	4	4.7	4.12	10.78	273,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1325	2	30	50	4	4.7	4.12	10.78	273,000
1326	2	30	50	4	4.7	4.12	10.78	273,000
1327	2	30	50	4	4.7	4.12	10.78	273,000
1328	2	30	50	4	4.7	4.12	10.78	273,000
1329	2	30	50	4	4.7	4.12	10.78	273,000
1330	2	30	50	4	4.7	4.12	10.78	273,000
1331	2	30	50	4	4.7	4.12	10.78	273,000
1332	2	30	50	4	4.7	4.12	10.78	273,000
1333	2	30	50	4	4.7	4.12	10.78	273,000
1334	2	30	50	4	4.7	4.12	10.78	273,000
1335	2	30	50	4	4.7	4.12	10.78	273,000
1336	2	30	50	4	4.7	4.12	10.78	273,000
1337	2	30	50	4	4.7	4.12	10.78	273,000
1338	2	30	50	4	4.7	4.12	10.78	273,000
1339	2	30	50	4	4.7	4.12	10.78	273,000
1340	2	30	50	4	4.7	4.12	10.78	273,000
1341	2	30	50	4	4.7	4.12	10.78	273,000
1342	2	30	50	4	4.7	4.12	10.78	273,000
1343	2	30	50	4	4.7	4.12	10.78	138,000
1344	2	30	50	4	4.7	4.12	10.78	138,000
1345	2	30	50	4	4.7	4.12	10.78	138,000
1346	2	30	50	4	4.7	4.12	10.78	138,000
1347	2	30	50	4	4.7	4.12	10.78	138,000
1348	2	30	50	4	4.7	4.12	10.78	138,000
1349	2	30	50	4	4.7	4.12	10.78	138,000
1350	2	30	50	4	4.7	4.12	10.78	138,000
1351	2	30	50	4	4.7	4.12	10.78	138,000
1352	2	30	50	4	4.7	4.12	10.78	138,000
1353	2	30	50	4	4.7	4.12	10.78	138,000
1354	2	30	50	4	4.7	4.12	10.78	138,000
1355	2	30	50	4	4.7	4.12	10.78	138,000
1356	2	30	50	4	4.7	4.12	10.78	138,000
1357	2	30	50	4	4.7	4.12	10.78	138,000
1358	2	30	50	4	4.7	4.12	10.78	138,000
1359	2	30	50	4	4.7	4.12	10.78	138,000
1360	2	30	50	4	4.7	4.12	10.78	138,000
1361	2	30	50	4	4.7	4.12	10.78	138,000
1362	2	30	50	4	4.7	4.12	10.78	138,000
1363	2	30	50	4	4.7	4.12	10.78	138,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1364	2	30	50	4	4.7	4.12	10.78	138,000
1365	2	30	50	4	4.7	4.12	10.78	138,000
1366	2	30	50	4	4.7	4.12	10.78	138,000
1367	2	30	50	4	4.7	4.12	10.78	69,000
1368	2	30	50	4	4.7	4.12	10.78	69,000
1369	2	30	50	4	4.7	4.12	10.78	69,000
1370	2	30	50	4	4.7	4.12	10.78	69,000
1371	2	30	50	4	4.7	4.12	10.78	69,000
1372	2	30	50	4	4.7	4.12	10.78	69,000
1373	2	30	50	4	4.7	4.12	10.78	69,000
1374	2	30	50	4	4.7	4.12	10.78	69,000
1375	2	30	50	4	4.7	4.12	10.78	69,000
1376	2	30	50	4	4.7	4.12	10.78	69,000
1377	2	30	50	4	4.7	4.12	10.78	69,000
1378	2	30	50	4	4.7	4.12	10.78	69,000
1379	2	30	50	4	4.7	4.12	10.78	69,000
1380	2	30	50	4	4.7	4.12	10.78	69,000
1381	2	30	50	4	4.7	4.12	10.78	69,000
1382	2	30	50	4	4.7	4.12	10.78	69,000
1383	2	30	50	4	4.7	4.12	10.78	69,000
1384	2	30	50	4	4.7	4.12	10.78	69,000
1385	2	30	50	4	4.7	4.12	10.78	69,000
1386	2	30	50	4	4.7	4.12	10.78	69,000
1387	2	30	50	4	4.7	4.12	10.78	69,000
1388	2	30	50	4	5.8	3.94	13.02	242,000
1389	2	30	50	4	5.8	3.94	13.02	242,000
1390	2	30	50	4	5.8	3.94	13.02	242,000
1391	2	30	50	4	5.8	3.94	13.02	242,000
1392	2	30	50	4	5.8	3.94	13.02	242,000
1393	2	30	50	4	5.8	3.94	13.02	242,000
1394	2	30	50	4	5.8	3.94	13.02	242,000
1395	2	30	50	4	5.8	3.94	13.02	148,000
1396	2	30	50	4	5.8	3.94	13.02	148,000
1397	2	30	50	4	5.8	3.94	13.02	148,000
1398	2	30	50	4	5.8	3.94	13.02	148,000
1399	2	30	50	4	5.8	3.94	13.02	148,000
1400	2	30	50	4	5.8	3.94	13.02	77,300
1401	2	30	50	4	5.8	3.94	13.02	77,300
1402	2	30	50	4	5.8	3.94	13.02	77,300

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1403	2	30	50	4	5.8	3.94	13.02	77,300
1404	2	30	50	4	5.8	3.94	13.02	77,300
1405	2	30	50	4	4.2	4.93	9.25	400,000
1406	2	30	50	4	4.2	4.93	9.25	400,000
1407	2	30	50	4	4.2	4.93	9.25	400,000
1408	2	30	50	4	4.2	4.93	9.25	400,000
1409	2	30	50	4	4.2	4.93	9.25	400,000
1410	2	30	50	4	4.2	4.93	9.25	400,000
1411	2	30	50	4	4.2	4.93	9.25	216,000
1412	2	30	50	4	4.2	4.93	9.25	216,000
1413	2	30	50	4	4.2	4.93	9.25	216,000
1414	2	30	50	4	4.2	4.93	9.25	216,000
1415	2	30	50	4	4.2	4.93	9.25	216,000
1416	2	30	50	4	4.2	4.93	9.25	216,000
1417	2	30	50	4	4.2	4.93	9.25	216,000
1418	2	30	50	4	4.2	4.93	9.25	216,000
1419	2	30	50	4	4.2	4.93	9.25	216,000
1420	2	30	50	4	4.2	4.93	9.25	216,000
1421	2	30	50	4	4.2	4.93	9.25	108,000
1422	2	30	50	4	4.2	4.93	9.25	108,000
1423	2	30	50	4	4.2	4.93	9.25	108,000
1424	2	30	50	4	4.2	4.93	9.25	108,000
1425	2	30	50	4	4.2	4.93	9.25	108,000
1426	2	30	50	4	4.2	4.93	9.25	108,000
1427	2	30	50	4	4.2	4.93	9.25	108,000
1428	2	30	50	4	4.2	4.93	9.25	108,000
1429	2	30	50	4	4.2	4.93	9.25	108,000
1430	2	30	50	4	4.2	4.93	9.25	108,000
1431	0	4	41.6	3.3	5.2	5.2	10.45	1,970,000
1432	0	4	41.6	3.3	5.2	5.2	10.45	2,050,000
1433	0	4	41.6	3.3	5.2	5.2	10.45	2,110,000
1434	0	4	41.6	3.3	5.2	5.2	10.45	2,120,000
1435	0	4	41.6	3.3	5.2	5.2	10.45	826,000
1436	0	4	41.6	3.3	5.2	5.2	10.45	1,200,000
1437	0	4	41.6	3.3	5.2	5.2	10.45	1,540,000
1438	0	4	41.6	3.3	5.2	5.2	10.45	1,640,000
1439	0	4	41.6	3.3	5.2	5.2	10.45	156,000
1440	0	4	41.6	3.3	5.2	5.2	10.45	322,000
1441	0	4	41.6	3.3	5.2	5.2	10.45	605,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1442	0	4	41.6	3.3	5.2	5.2	10.45	746,000
1443	0	4	41.6	3.3	5.2	5.2	10.45	39,100
1444	0	4	41.6	3.3	5.2	5.2	10.45	69,200
1445	0	4	41.6	3.3	5.2	5.2	10.45	139,000
1446	0	4	41.6	3.3	5.2	5.2	10.45	187,000
1447	0	4	41.6	3.3	5.2	5.2	10.45	21,200
1448	0	4	41.6	3.3	5.2	5.2	10.45	28,900
1449	0	4	41.6	3.3	5.2	5.2	10.45	45,700
1450	0	4	41.6	3.3	5.2	5.2	10.45	57,400
1451	0	4	41.6	3.3	5.4	5.4	10.75	2,080,000
1452	0	4	41.6	3.3	5.4	5.4	10.75	2,330,000
1453	0	4	41.6	3.3	5.4	5.4	10.75	2,500,000
1454	0	4	41.6	3.3	5.4	5.4	10.75	2,550,000
1455	0	4	41.6	3.3	5.4	5.4	10.75	660,000
1456	0	4	41.6	3.3	5.4	5.4	10.75	1,060,000
1457	0	4	41.6	3.3	5.4	5.4	10.75	1,490,000
1458	0	4	41.6	3.3	5.4	5.4	10.75	1,660,000
1459	0	4	41.6	3.3	5.4	5.4	10.75	156,000
1460	0	4	41.6	3.3	5.4	5.4	10.75	305,000
1461	0	4	41.6	3.3	5.4	5.4	10.75	566,000
1462	0	4	41.6	3.3	5.4	5.4	10.75	704,000
1463	0	4	41.6	3.3	5.4	5.4	10.75	51,200
1464	0	4	41.6	3.3	5.4	5.4	10.75	87,500
1465	0	4	41.6	3.3	5.4	5.4	10.75	165,000
1466	0	4	41.6	3.3	5.4	5.4	10.75	216,000
1467	0	4	41.6	3.3	5.4	5.4	10.75	28,700
1468	0	4	41.6	3.3	5.4	5.4	10.75	40,100
1469	0	4	41.6	3.3	5.4	5.4	10.75	63,800
1470	0	4	41.6	3.3	5.4	5.4	10.75	79,600
1471	0	4	41.6	3.3	5.6	5.6	11.05	1,470,000
1472	0	4	41.6	3.3	5.6	5.6	11.05	2,030,000
1473	0	4	41.6	3.3	5.6	5.6	11.05	2,550,000
1474	0	4	41.6	3.3	5.6	5.6	11.05	2,750,000
1475	0	4	41.6	3.3	5.6	5.6	11.05	395,000
1476	0	4	41.6	3.3	5.6	5.6	11.05	691,000
1477	0	4	41.6	3.3	5.6	5.6	11.05	1,120,000
1478	0	4	41.6	3.3	5.6	5.6	11.05	1,320,000
1479	0	4	41.6	3.3	5.6	5.6	11.05	124,000
1480	0	4	41.6	3.3	5.6	5.6	11.05	221,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1481	0	4	41.6	3.3	5.6	5.6	11.05	400,000
1482	0	4	41.6	3.3	5.6	5.6	11.05	503,000
1483	0	4	41.6	3.3	5.6	5.6	11.05	49,100
1484	0	4	41.6	3.3	5.6	5.6	11.05	75,500
1485	0	4	41.6	3.3	5.6	5.6	11.05	127,000
1486	0	4	41.6	3.3	5.6	5.6	11.05	160,000
1487	0	4	41.6	3.3	5.6	5.6	11.05	28,000
1488	0	4	41.6	3.3	5.6	5.6	11.05	36,100
1489	0	4	41.6	3.3	5.6	5.6	11.05	50,800
1490	0	4	41.6	3.3	5.6	5.6	11.05	59,700
1491	0	4	41.6	3.3	5.4	6.2	10.67	1,900,000
1492	0	4	41.6	3.3	5.4	6.2	10.67	2,410,000
1493	0	4	41.6	3.3	5.4	6.2	10.67	2,880,000
1494	0	4	41.6	3.3	5.4	6.2	10.67	3,050,000
1495	0	4	41.6	3.3	5.4	6.2	10.67	499,000
1496	0	4	41.6	3.3	5.4	6.2	10.67	822,000
1497	0	4	41.6	3.3	5.4	6.2	10.67	1,250,000
1498	0	4	41.6	3.3	5.4	6.2	10.67	1,440,000
1499	0	4	41.6	3.3	5.4	6.2	10.67	136,000
1500	0	4	41.6	3.3	5.4	6.2	10.67	246,000
1501	0	4	41.6	3.3	5.4	6.2	10.67	437,000
1502	0	4	41.6	3.3	5.4	6.2	10.67	541,000
1503	0	4	41.6	3.3	5.4	6.2	10.67	43,300
1504	0	4	41.6	3.3	5.4	6.2	10.67	73,300
1505	0	4	41.6	3.3	5.4	6.2	10.67	131,000
1506	0	4	41.6	3.3	5.4	6.2	10.67	166,000
1507	0	4	41.6	3.3	5.4	6.2	10.67	19,900
1508	0	4	41.6	3.3	5.4	6.2	10.67	29,000
1509	0	4	41.6	3.3	5.4	6.2	10.67	46,000
1510	0	4	41.6	3.3	5.4	6.2	10.67	56,500
1511	0	4	41.6	3.3	5.6	6.1	11	1,670,000
1512	0	4	41.6	3.3	5.6	6.1	11	2,140,000
1513	0	4	41.6	3.3	5.6	6.1	11	2,580,000
1514	0	4	41.6	3.3	5.6	6.1	11	2,740,000
1515	0	4	41.6	3.3	5.6	6.1	11	496,000
1516	0	4	41.6	3.3	5.6	6.1	11	801,000
1517	0	4	41.6	3.3	5.6	6.1	11	1,200,000
1518	0	4	41.6	3.3	5.6	6.1	11	1,380,000
1519	0	4	41.6	3.3	5.6	6.1	11	149,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1520	0	4	41.6	3.3	5.6	6.1	11	262,000
1521	0	4	41.6	3.3	5.6	6.1	11	450,000
1522	0	4	41.6	3.3	5.6	6.1	11	551,000
1523	0	4	41.6	3.3	5.6	6.1	11	50,400
1524	0	4	41.6	3.3	5.6	6.1	11	81,200
1525	0	4	41.6	3.3	5.6	6.1	11	138,000
1526	0	4	41.6	3.3	5.6	6.1	11	173,000
1527	0	4	41.6	3.3	5.6	6.1	11	23,800
1528	0	4	41.6	3.3	5.6	6.1	11	32,700
1529	0	4	41.6	3.3	5.6	6.1	11	48,500
1530	0	4	41.6	3.3	5.6	6.1	11	58,000
1531	0	4	41.6	3.3	5	5	10.15	1,580,000
1532	0	4	41.6	3.3	5	5	10.15	1,960,000
1533	0	4	41.6	3.3	5	5	10.15	2,230,000
1534	0	4	41.6	3.3	5	5	10.15	2,310,000
1535	0	4	41.6	3.3	5	5	10.15	423,000
1536	0	4	41.6	3.3	5	5	10.15	779,000
1537	0	4	41.6	3.3	5	5	10.15	1,240,000
1538	0	4	41.6	3.3	5	5	10.15	1,420,000
1539	0	4	41.6	3.3	5	5	10.15	99,700
1540	0	4	41.6	3.3	5	5	10.15	191,000
1541	0	4	41.6	3.3	5	5	10.15	383,000
1542	0	4	41.6	3.3	5	5	10.15	498,000
1543	0	4	41.6	3.3	5	5	10.15	39,300
1544	0	4	41.6	3.3	5	5	10.15	54,400
1545	0	4	41.6	3.3	5	5	10.15	87,800
1546	0	4	41.6	3.3	5	5	10.15	111,000
1547	0	4	41.6	3.3	5	5	10.15	27,800
1548	0	4	41.6	3.3	5	5	10.15	30,800
1549	0	4	41.6	3.3	5	5	10.15	36,600
1550	0	4	41.6	3.3	5	5	10.15	40,400
1551	0	4	41.6	3.3	5.2	5.2	10.45	720,000
1552	0	4	41.6	3.3	5.2	5.2	10.45	1,120,000
1553	0	4	41.6	3.3	5.2	5.2	10.45	1,530,000
1554	0	4	41.6	3.3	5.2	5.2	10.45	1,680,000
1555	0	4	41.6	3.3	5.2	5.2	10.45	296,000
1556	0	4	41.6	3.3	5.2	5.2	10.45	543,000
1557	0	4	41.6	3.3	5.2	5.2	10.45	903,000
1558	0	4	41.6	3.3	5.2	5.2	10.45	1,070,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1559	0	4	41.6	3.3	5.2	5.2	10.45	104,000
1560	0	4	41.6	3.3	5.2	5.2	10.45	189,000
1561	0	4	41.6	3.3	5.2	5.2	10.45	356,000
1562	0	4	41.6	3.3	5.2	5.2	10.45	454,000
1563	0	4	41.6	3.3	5.2	5.2	10.45	42,300
1564	0	4	41.6	3.3	5.2	5.2	10.45	59,100
1565	0	4	41.6	3.3	5.2	5.2	10.45	94,100
1566	0	4	41.6	3.3	5.2	5.2	10.45	117,000
1567	0	4	41.6	3.3	5.2	5.2	10.45	27,700
1568	0	4	41.6	3.3	5.2	5.2	10.45	30,700
1569	0	4	41.6	3.3	5.2	5.2	10.45	36,100
1570	0	4	41.6	3.3	5.2	5.2	10.45	39,500
1571	0	4	41.6	3.3	5.4	5.4	10.75	1,560,000
1572	0	4	41.6	3.3	5.4	5.4	10.75	1,990,000
1573	0	4	41.6	3.3	5.4	5.4	10.75	2,320,000
1574	0	4	41.6	3.3	5.4	5.4	10.75	2,420,000
1575	0	4	41.6	3.3	5.4	5.4	10.75	335,000
1576	0	4	41.6	3.3	5.4	5.4	10.75	615,000
1577	0	4	41.6	3.3	5.4	5.4	10.75	1,020,000
1578	0	4	41.6	3.3	5.4	5.4	10.75	1,210,000
1579	0	4	41.6	3.3	5.4	5.4	10.75	95,100
1580	0	4	41.6	3.3	5.4	5.4	10.75	167,000
1581	0	4	41.6	3.3	5.4	5.4	10.75	315,000
1582	0	4	41.6	3.3	5.4	5.4	10.75	405,000
1583	0	4	41.6	3.3	5.4	5.4	10.75	46,200
1584	0	4	41.6	3.3	5.4	5.4	10.75	64,300
1585	0	4	41.6	3.3	5.4	5.4	10.75	102,000
1586	0	4	41.6	3.3	5.4	5.4	10.75	127,000
1587	0	4	41.6	3.3	5.4	5.4	10.75	33,700
1588	0	4	41.6	3.3	5.4	5.4	10.75	39,700
1589	0	4	41.6	3.3	5.4	5.4	10.75	51,300
1590	0	4	41.6	3.3	5.4	5.4	10.75	58,700
1591	0	2.6	39.9	5.7	3.8	2.95	7.95	3,610,000
1592	0	2.6	39.9	5.7	3.8	2.95	7.95	4,110,000
1593	0	2.6	39.9	5.7	3.8	2.95	7.95	4,560,000
1594	0	2.6	39.9	5.7	3.8	2.95	7.95	4,710,000
1595	0	2.6	39.9	5.7	3.8	2.95	7.95	1,960,000
1596	0	2.6	39.9	5.7	3.8	2.95	7.95	2,540,000
1597	0	2.6	39.9	5.7	3.8	2.95	7.95	3,130,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1598	0	2.6	39.9	5.7	3.8	2.95	7.95	3,350,000
1599	0	2.6	39.9	5.7	3.8	2.95	7.95	695,000
1600	0	2.6	39.9	5.7	3.8	2.95	7.95	1,080,000
1601	0	2.6	39.9	5.7	3.8	2.95	7.95	1,560,000
1602	0	2.6	39.9	5.7	3.8	2.95	7.95	1,780,000
1603	0	2.6	39.9	5.7	3.8	2.95	7.95	184,000
1604	0	2.6	39.9	5.7	3.8	2.95	7.95	337,000
1605	0	2.6	39.9	5.7	3.8	2.95	7.95	579,000
1606	0	2.6	39.9	5.7	3.8	2.95	7.95	705,000
1607	0	2.6	39.9	5.7	3.8	2.95	7.95	47,400
1608	0	2.6	39.9	5.7	3.8	2.95	7.95	94,300
1609	0	2.6	39.9	5.7	3.8	2.95	7.95	182,000
1610	0	2.6	39.9	5.7	3.8	2.95	7.95	234,000
1611	0	2.6	39.9	5.7	3.8	6.2	7.7	3,080,000
1612	0	2.6	39.9	5.7	3.8	6.2	7.7	3,550,000
1613	0	2.6	39.9	5.7	3.8	6.2	7.7	3,900,000
1614	0	2.6	39.9	5.7	3.8	6.2	7.7	4,010,000
1615	0	2.6	39.9	5.7	3.8	6.2	7.7	1,580,000
1616	0	2.6	39.9	5.7	3.8	6.2	7.7	2,230,000
1617	0	2.6	39.9	5.7	3.8	6.2	7.7	2,850,000
1618	0	2.6	39.9	5.7	3.8	6.2	7.7	3,070,000
1619	0	2.6	39.9	5.7	3.8	6.2	7.7	433,000
1620	0	2.6	39.9	5.7	3.8	6.2	7.7	824,000
1621	0	2.6	39.9	5.7	3.8	6.2	7.7	1,380,000
1622	0	2.6	39.9	5.7	3.8	6.2	7.7	1,630,000
1623	0	2.6	39.9	5.7	3.8	6.2	7.7	88,600
1624	0	2.6	39.9	5.7	3.8	6.2	7.7	196,000
1625	0	2.6	39.9	5.7	3.8	6.2	7.7	416,000
1626	0	2.6	39.9	5.7	3.8	6.2	7.7	547,000
1627	0	2.6	39.9	5.7	3.8	6.2	7.7	24,200
1628	0	2.6	39.9	5.7	3.8	6.2	7.7	48,400
1629	0	2.6	39.9	5.7	3.8	6.2	7.7	105,000
1630	0	2.6	39.9	5.7	3.8	6.2	7.7	144,000
1631	0	2.6	39.9	5.7	3.8	7.95	10.8	2,800,000
1632	0	2.6	39.9	5.7	3.8	7.95	10.8	3,160,000
1633	0	2.6	39.9	5.7	3.8	7.95	10.8	3,410,000
1634	0	2.6	39.9	5.7	3.8	7.95	10.8	3,480,000
1635	0	2.6	39.9	5.7	3.8	7.95	10.8	1,450,000
1636	0	2.6	39.9	5.7	3.8	7.95	10.8	2,030,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1637	0	2.6	39.9	5.7	3.8	7.95	10.8	2,560,000
1638	0	2.6	39.9	5.7	3.8	7.95	10.8	2,740,000
1639	0	2.6	39.9	5.7	3.8	7.95	10.8	367,000
1640	0	2.6	39.9	5.7	3.8	7.95	10.8	726,000
1641	0	2.6	39.9	5.7	3.8	7.95	10.8	1,240,000
1642	0	2.6	39.9	5.7	3.8	7.95	10.8	1,470,000
1643	0	2.6	39.9	5.7	3.8	7.95	10.8	72,700
1644	0	2.6	39.9	5.7	3.8	7.95	10.8	167,000
1645	0	2.6	39.9	5.7	3.8	7.95	10.8	369,000
1646	0	2.6	39.9	5.7	3.8	7.95	10.8	492,000
1647	0	2.6	39.9	5.7	3.8	7.95	10.8	21,900
1648	0	2.6	39.9	5.7	3.8	7.95	10.8	44,400
1649	0	2.6	39.9	5.7	3.8	7.95	10.8	99,700
1650	0	2.6	39.9	5.7	3.8	7.95	10.8	139,000
1651	0	2.6	39.9	5.7	5.3	2.35	11.4	2,770,000
1652	0	2.6	39.9	5.7	5.3	2.35	11.4	3,090,000
1653	0	2.6	39.9	5.7	5.3	2.35	11.4	3,300,000
1654	0	2.6	39.9	5.7	5.3	2.35	11.4	3,360,000
1655	0	2.6	39.9	5.7	5.3	2.35	11.4	1,620,000
1656	0	2.6	39.9	5.7	5.3	2.35	11.4	2,200,000
1657	0	2.6	39.9	5.7	5.3	2.35	11.4	2,680,000
1658	0	2.6	39.9	5.7	5.3	2.35	11.4	2,830,000
1659	0	2.6	39.9	5.7	5.3	2.35	11.4	473,000
1660	0	2.6	39.9	5.7	5.3	2.35	11.4	919,000
1661	0	2.6	39.9	5.7	5.3	2.35	11.4	1,500,000
1662	0	2.6	39.9	5.7	5.3	2.35	11.4	1,740,000
1663	0	2.6	39.9	5.7	5.3	2.35	11.4	86,100
1664	0	2.6	39.9	5.7	5.3	2.35	11.4	208,000
1665	0	2.6	39.9	5.7	5.3	2.35	11.4	469,000
1666	0	2.6	39.9	5.7	5.3	2.35	11.4	624,000
1667	0	2.6	39.9	5.7	5.3	2.35	11.4	20,900
1668	0	2.6	39.9	5.7	5.3	2.35	11.4	43,200
1669	0	2.6	39.9	5.7	5.3	2.35	11.4	101,000
1670	0	2.6	39.9	5.7	5.3	2.35	11.4	144,000
1671	0	2.6	39.9	5.7	5.3	7.55	10.8	2,640,000
1672	0	2.6	39.9	5.7	5.3	7.55	10.8	3,160,000
1673	0	2.6	39.9	5.7	5.3	7.55	10.8	3,570,000
1674	0	2.6	39.9	5.7	5.3	7.55	10.8	3,700,000
1675	0	2.6	39.9	5.7	5.3	7.55	10.8	1,220,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1676	0	2.6	39.9	5.7	5.3	7.55	10.8	1,830,000
1677	0	2.6	39.9	5.7	5.3	7.55	10.8	2,450,000
1678	0	2.6	39.9	5.7	5.3	7.55	10.8	2,680,000
1679	0	2.6	39.9	5.7	5.3	7.55	10.8	302,000
1680	0	2.6	39.9	5.7	5.3	7.55	10.8	608,000
1681	0	2.6	39.9	5.7	5.3	7.55	10.8	1,070,000
1682	0	2.6	39.9	5.7	5.3	7.55	10.8	1,300,000
1683	0	2.6	39.9	5.7	5.3	7.55	10.8	57,400
1684	0	2.6	39.9	5.7	5.3	7.55	10.8	132,000
1685	0	2.6	39.9	5.7	5.3	7.55	10.8	294,000
1686	0	2.6	39.9	5.7	5.3	7.55	10.8	394,000
1687	0	2.6	39.9	5.7	5.3	7.55	10.8	14,700
1688	0	2.6	39.9	5.7	5.3	7.55	10.8	30,100
1689	0	2.6	39.9	5.7	5.3	7.55	10.8	67,500
1690	0	2.6	39.9	5.7	5.3	7.55	10.8	94,100
1691	0	2.6	39.9	5.7	5.3	11.05	10.4	1,780,000
1692	0	2.6	39.9	5.7	5.3	11.05	10.4	2,110,000
1693	0	2.6	39.9	5.7	5.3	11.05	10.4	2,350,000
1694	0	2.6	39.9	5.7	5.3	11.05	10.4	2,430,000
1695	0	2.6	39.9	5.7	5.3	11.05	10.4	851,000
1696	0	2.6	39.9	5.7	5.3	11.05	10.4	1,270,000
1697	0	2.6	39.9	5.7	5.3	11.05	10.4	1,690,000
1698	0	2.6	39.9	5.7	5.3	11.05	10.4	1,830,000
1699	0	2.6	39.9	5.7	5.3	11.05	10.4	213,000
1700	0	2.6	39.9	5.7	5.3	11.05	10.4	433,000
1701	0	2.6	39.9	5.7	5.3	11.05	10.4	770,000
1702	0	2.6	39.9	5.7	5.3	11.05	10.4	929,000
1703	0	2.6	39.9	5.7	5.3	11.05	10.4	43,400
1704	0	2.6	39.9	5.7	5.3	11.05	10.4	96,700
1705	0	2.6	39.9	5.7	5.3	11.05	10.4	214,000
1706	0	2.6	39.9	5.7	5.3	11.05	10.4	288,000
1707	0	2.6	39.9	5.7	5.3	11.05	10.4	13,200
1708	0	2.6	39.9	5.7	5.3	11.05	10.4	24,600
1709	0	2.6	39.9	5.7	5.3	11.05	10.4	51,700
1710	0	2.6	39.9	5.7	5.3	11.05	10.4	71,100
1711	0	2.6	39.9	5.7	6.3	2.35	13.6	2,710,000
1712	0	2.6	39.9	5.7	6.3	2.35	13.6	3,280,000
1713	0	2.6	39.9	5.7	6.3	2.35	13.6	3,730,000
1714	0	2.6	39.9	5.7	6.3	2.35	13.6	3,880,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1715	0	2.6	39.9	5.7	6.3	2.35	13.6	1,160,000
1716	0	2.6	39.9	5.7	6.3	2.35	13.6	1,810,000
1717	0	2.6	39.9	5.7	6.3	2.35	13.6	2,500,000
1718	0	2.6	39.9	5.7	6.3	2.35	13.6	2,750,000
1719	0	2.6	39.9	5.7	6.3	2.35	13.6	265,000
1720	0	2.6	39.9	5.7	6.3	2.35	13.6	554,000
1721	0	2.6	39.9	5.7	6.3	2.35	13.6	1,030,000
1722	0	2.6	39.9	5.7	6.3	2.35	13.6	1,260,000
1723	0	2.6	39.9	5.7	6.3	2.35	13.6	55,000
1724	0	2.6	39.9	5.7	6.3	2.35	13.6	121,000
1725	0	2.6	39.9	5.7	6.3	2.35	13.6	270,000
1726	0	2.6	39.9	5.7	6.3	2.35	13.6	367,000
1727	0	2.6	39.9	5.7	6.3	2.35	13.6	17,800
1728	0	2.6	39.9	5.7	6.3	2.35	13.6	32,900
1729	0	2.6	39.9	5.7	6.3	2.35	13.6	68,700
1730	0	2.6	39.9	5.7	6.3	2.35	13.6	94,200
1731	0	2.6	39.9	5.7	6.3	7.9	12.8	1,750,000
1732	0	2.6	39.9	5.7	6.3	7.9	12.8	2,190,000
1733	0	2.6	39.9	5.7	6.3	7.9	12.8	2,560,000
1734	0	2.6	39.9	5.7	6.3	7.9	12.8	2,690,000
1735	0	2.6	39.9	5.7	6.3	7.9	12.8	711,000
1736	0	2.6	39.9	5.7	6.3	7.9	12.8	1,120,000
1737	0	2.6	39.9	5.7	6.3	7.9	12.8	1,580,000
1738	0	2.6	39.9	5.7	6.3	7.9	12.8	1,770,000
1739	0	2.6	39.9	5.7	6.3	7.9	12.8	166,000
1740	0	2.6	39.9	5.7	6.3	7.9	12.8	328,000
1741	0	2.6	39.9	5.7	6.3	7.9	12.8	597,000
1742	0	2.6	39.9	5.7	6.3	7.9	12.8	736,000
1743	0	2.6	39.9	5.7	6.3	7.9	12.8	37,900
1744	0	2.6	39.9	5.7	6.3	7.9	12.8	74,900
1745	0	2.6	39.9	5.7	6.3	7.9	12.8	153,000
1746	0	2.6	39.9	5.7	6.3	7.9	12.8	203,000
1747	0	2.6	39.9	5.7	6.3	7.9	12.8	13,300
1748	0	2.6	39.9	5.7	6.3	7.9	12.8	22,000
1749	0	2.6	39.9	5.7	6.3	7.9	12.8	40,600
1750	0	2.6	39.9	5.7	6.3	7.9	12.8	53,000
1751	0	2.6	39.9	5.7	6.3	10.4	12.45	1,630,000
1752	0	2.6	39.9	5.7	6.3	10.4	12.45	2,060,000
1753	0	2.6	39.9	5.7	6.3	10.4	12.45	2,440,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1754	0	2.6	39.9	5.7	6.3	10.4	12.45	2,570,000
1755	0	2.6	39.9	5.7	6.3	10.4	12.45	709,000
1756	0	2.6	39.9	5.7	6.3	10.4	12.45	1,100,000
1757	0	2.6	39.9	5.7	6.3	10.4	12.45	1,540,000
1758	0	2.6	39.9	5.7	6.3	10.4	12.45	1,710,000
1759	0	2.6	39.9	5.7	6.3	10.4	12.45	179,000
1760	0	2.6	39.9	5.7	6.3	10.4	12.45	346,000
1761	0	2.6	39.9	5.7	6.3	10.4	12.45	612,000
1762	0	2.6	39.9	5.7	6.3	10.4	12.45	747,000
1763	0	2.6	39.9	5.7	6.3	10.4	12.45	37,300
1764	0	2.6	39.9	5.7	6.3	10.4	12.45	75,800
1765	0	2.6	39.9	5.7	6.3	10.4	12.45	155,000
1766	0	2.6	39.9	5.7	6.3	10.4	12.45	204,000
1767	0	2.6	39.9	5.7	6.3	10.4	12.45	10,500
1768	0	2.6	39.9	5.7	6.3	10.4	12.45	18,200
1769	0	2.6	39.9	5.7	6.3	10.4	12.45	34,500
1770	0	2.6	39.9	5.7	6.3	10.4	12.45	45,400
1771	3	19	56	7.1	3.9	7.45	8.9	1,600,000
1772	3	19	56	7.1	3.9	7.45	8.9	2,210,000
1773	3	19	56	7.1	3.9	7.45	8.9	2,770,000
1774	3	19	56	7.1	3.9	7.45	8.9	2,960,000
1775	3	19	56	7.1	3.9	7.45	8.9	857,000
1776	3	19	56	7.1	3.9	7.45	8.9	1,380,000
1777	3	19	56	7.1	3.9	7.45	8.9	1,990,000
1778	3	19	56	7.1	3.9	7.45	8.9	2,230,000
1779	3	19	56	7.1	3.9	7.45	8.9	300,000
1780	3	19	56	7.1	3.9	7.45	8.9	574,000
1781	3	19	56	7.1	3.9	7.45	8.9	1,010,000
1782	3	19	56	7.1	3.9	7.45	8.9	1,220,000
1783	3	19	56	7.1	3.9	7.45	8.9	67,000
1784	3	19	56	7.1	3.9	7.45	8.9	126,000
1785	3	19	56	7.1	3.9	7.45	8.9	250,000
1786	3	19	56	7.1	3.9	7.45	8.9	328,000
1787	3	19	56	7.1	3.9	7.45	8.9	19,900
1788	3	19	56	7.1	3.9	7.45	8.9	27,400
1789	3	19	56	7.1	3.9	7.45	8.9	42,400
1790	3	19	56	7.1	3.9	7.45	8.9	52,200
1791	3	19	56	7.1	4.2	5.67	8.57	2,090,000
1792	3	19	56	7.1	4.2	5.67	8.57	2,710,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1793	3	19	56	7.1	4.2	5.67	8.57	3,180,000
1794	3	19	56	7.1	4.2	5.67	8.57	3,320,000
1795	3	19	56	7.1	4.2	5.67	8.57	971,000
1796	3	19	56	7.1	4.2	5.67	8.57	1,630,000
1797	3	19	56	7.1	4.2	5.67	8.57	2,330,000
1798	3	19	56	7.1	4.2	5.67	8.57	2,570,000
1799	3	19	56	7.1	4.2	5.67	8.57	314,000
1800	3	19	56	7.1	4.2	5.67	8.57	672,000
1801	3	19	56	7.1	4.2	5.67	8.57	1,250,000
1802	3	19	56	7.1	4.2	5.67	8.57	1,520,000
1803	3	19	56	7.1	4.2	5.67	8.57	77,300
1804	3	19	56	7.1	4.2	5.67	8.57	160,000
1805	3	19	56	7.1	4.2	5.67	8.57	357,000
1806	3	19	56	7.1	4.2	5.67	8.57	486,000
1807	3	19	56	7.1	4.2	5.67	8.57	28,100
1808	3	19	56	7.1	4.2	5.67	8.57	41,100
1809	3	19	56	7.1	4.2	5.67	8.57	71,400
1810	3	19	56	7.1	4.2	5.67	8.57	93,300
1811	3	19	56	7.1	3.9	7.85	9.1	1,790,000
1812	3	19	56	7.1	3.9	7.85	9.1	2,370,000
1813	3	19	56	7.1	3.9	7.85	9.1	2,880,000
1814	3	19	56	7.1	3.9	7.85	9.1	3,050,000
1815	3	19	56	7.1	3.9	7.85	9.1	790,000
1816	3	19	56	7.1	3.9	7.85	9.1	1,290,000
1817	3	19	56	7.1	3.9	7.85	9.1	1,870,000
1818	3	19	56	7.1	3.9	7.85	9.1	2,100,000
1819	3	19	56	7.1	3.9	7.85	9.1	266,000
1820	3	19	56	7.1	3.9	7.85	9.1	513,000
1821	3	19	56	7.1	3.9	7.85	9.1	909,000
1822	3	19	56	7.1	3.9	7.85	9.1	1,110,000
1823	3	19	56	7.1	3.9	7.85	9.1	68,100
1824	3	19	56	7.1	3.9	7.85	9.1	131,000
1825	3	19	56	7.1	3.9	7.85	9.1	261,000
1826	3	19	56	7.1	3.9	7.85	9.1	342,000
1827	3	19	56	7.1	3.9	7.85	9.1	21,900
1828	3	19	56	7.1	3.9	7.85	9.1	33,100
1829	3	19	56	7.1	3.9	7.85	9.1	56,300
1830	3	19	56	7.1	3.9	7.85	9.1	71,600
1831	4	20	56	6	4.3	7.3	8.75	2,380,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1832	4	20	56	6	4.3	7.3	8.75	2,800,000
1833	4	20	56	6	4.3	7.3	8.75	3,090,000
1834	4	20	56	6	4.3	7.3	8.75	3,180,000
1835	4	20	56	6	4.3	7.3	8.75	828,000
1836	4	20	56	6	4.3	7.3	8.75	1,360,000
1837	4	20	56	6	4.3	7.3	8.75	1,940,000
1838	4	20	56	6	4.3	7.3	8.75	2,160,000
1839	4	20	56	6	4.3	7.3	8.75	257,000
1840	4	20	56	6	4.3	7.3	8.75	498,000
1841	4	20	56	6	4.3	7.3	8.75	904,000
1842	4	20	56	6	4.3	7.3	8.75	1,110,000
1843	4	20	56	6	4.3	7.3	8.75	98,700
1844	4	20	56	6	4.3	7.3	8.75	174,000
1845	4	20	56	6	4.3	7.3	8.75	334,000
1846	4	20	56	6	4.3	7.3	8.75	435,000
1847	4	20	56	6	4.3	7.3	8.75	56,100
1848	4	20	56	6	4.3	7.3	8.75	82,500
1849	4	20	56	6	4.3	7.3	8.75	139,000
1850	4	20	56	6	4.3	7.3	8.75	177,000
1851	4	20	56	6	5.2	7.35	10.6	1,200,000
1852	4	20	56	6	5.2	7.35	10.6	1,700,000
1853	4	20	56	6	5.2	7.35	10.6	2,160,000
1854	4	20	56	6	5.2	7.35	10.6	2,320,000
1855	4	20	56	6	5.2	7.35	10.6	431,000
1856	4	20	56	6	5.2	7.35	10.6	777,000
1857	4	20	56	6	5.2	7.35	10.6	1,240,000
1858	4	20	56	6	5.2	7.35	10.6	1,440,000
1859	4	20	56	6	5.2	7.35	10.6	145,000
1860	4	20	56	6	5.2	7.35	10.6	285,000
1861	4	20	56	6	5.2	7.35	10.6	543,000
1862	4	20	56	6	5.2	7.35	10.6	685,000
1863	4	20	56	6	5.2	7.35	10.6	50,800
1864	4	20	56	6	5.2	7.35	10.6	87,300
1865	4	20	56	6	5.2	7.35	10.6	166,000
1866	4	20	56	6	5.2	7.35	10.6	217,000
1867	4	20	56	6	5.2	7.35	10.6	25,300
1868	4	20	56	6	5.2	7.35	10.6	34,000
1869	4	20	56	6	5.2	7.35	10.6	51,600
1870	4	20	56	6	5.2	7.35	10.6	63,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1871	22	39	73	4	3.6	7.05	8.1	1,850,000
1872	22	39	73	4	3.6	7.05	8.1	2,340,000
1873	22	39	73	4	3.6	7.05	8.1	2,750,000
1874	22	39	73	4	3.6	7.05	8.1	2,890,000
1875	22	39	73	4	3.6	7.05	8.1	622,000
1876	22	39	73	4	3.6	7.05	8.1	1,020,000
1877	22	39	73	4	3.6	7.05	8.1	1,500,000
1878	22	39	73	4	3.6	7.05	8.1	1,710,000
1879	22	39	73	4	3.6	7.05	8.1	214,000
1880	22	39	73	4	3.6	7.05	8.1	389,000
1881	22	39	73	4	3.6	7.05	8.1	679,000
1882	22	39	73	4	3.6	7.05	8.1	830,000
1883	22	39	73	4	3.6	7.05	8.1	82,800
1884	22	39	73	4	3.6	7.05	8.1	142,000
1885	22	39	73	4	3.6	7.05	8.1	257,000
1886	22	39	73	4	3.6	7.05	8.1	326,000
1887	22	39	73	4	3.6	7.05	8.1	43,000
1888	22	39	73	4	3.6	7.05	8.1	63,800
1889	22	39	73	4	3.6	7.05	8.1	105,000
1890	22	39	73	4	3.6	7.05	8.1	130,000
1891	22	39	73	4	4.6	7.45	10.3	1,840,000
1892	22	39	73	4	4.6	7.45	10.3	2,360,000
1893	22	39	73	4	4.6	7.45	10.3	2,790,000
1894	22	39	73	4	4.6	7.45	10.3	2,940,000
1895	22	39	73	4	4.6	7.45	10.3	618,000
1896	22	39	73	4	4.6	7.45	10.3	1,030,000
1897	22	39	73	4	4.6	7.45	10.3	1,540,000
1898	22	39	73	4	4.6	7.45	10.3	1,760,000
1899	22	39	73	4	4.6	7.45	10.3	190,000
1900	22	39	73	4	4.6	7.45	10.3	347,000
1901	22	39	73	4	4.6	7.45	10.3	622,000
1902	22	39	73	4	4.6	7.45	10.3	770,000
1903	22	39	73	4	4.6	7.45	10.3	65,400
1904	22	39	73	4	4.6	7.45	10.3	105,000
1905	22	39	73	4	4.6	7.45	10.3	183,000
1906	22	39	73	4	4.6	7.45	10.3	233,000
1907	22	39	73	4	4.6	7.45	10.3	34,000
1908	22	39	73	4	4.6	7.45	10.3	43,700
1909	22	39	73	4	4.6	7.45	10.3	62,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1910	22	39	73	4	4.6	7.45	10.3	73,600
1911	4	20	56	6	4.3	6.3	8.95	3,230,000
1912	4	20	56	6	4.3	6.3	8.95	3,530,000
1913	4	20	56	6	4.3	6.3	8.95	3,630,000
1914	4	20	56	6	4.3	6.3	8.95	3,830,000
1915	4	20	56	6	4.3	6.3	8.95	3,890,000
1916	4	20	56	6	4.3	6.3	8.95	3,960,000
1917	4	20	56	6	4.3	6.3	8.95	1,130,000
1918	4	20	56	6	4.3	6.3	8.95	1,620,000
1919	4	20	56	6	4.3	6.3	8.95	1,850,000
1920	4	20	56	6	4.3	6.3	8.95	2,360,000
1921	4	20	56	6	4.3	6.3	8.95	2,570,000
1922	4	20	56	6	4.3	6.3	8.95	2,830,000
1923	4	20	56	6	4.3	6.3	8.95	253,000
1924	4	20	56	6	4.3	6.3	8.95	448,000
1925	4	20	56	6	4.3	6.3	8.95	566,000
1926	4	20	56	6	4.3	6.3	8.95	923,000
1927	4	20	56	6	4.3	6.3	8.95	1,110,000
1928	4	20	56	6	4.3	6.3	8.95	1,380,000
1929	4	20	56	6	4.3	6.3	8.95	63,300
1930	4	20	56	6	4.3	6.3	8.95	106,000
1931	4	20	56	6	4.3	6.3	8.95	136,000
1932	4	20	56	6	4.3	6.3	8.95	243,000
1933	4	20	56	6	4.3	6.3	8.95	312,000
1934	4	20	56	6	4.3	6.3	8.95	432,000
1935	4	20	56	6	4.3	6.3	8.95	27,700
1936	4	20	56	6	4.3	6.3	8.95	39,100
1937	4	20	56	6	4.3	6.3	8.95	46,700
1938	4	20	56	6	4.3	6.3	8.95	74,700
1939	4	20	56	6	4.3	6.3	8.95	93,600
1940	4	20	56	6	4.3	6.3	8.95	128,000
1941	4	20	56	6	5.2	5.2	11.05	2,460,000
1942	4	20	56	6	5.2	5.2	11.05	2,970,000
1943	4	20	56	6	5.2	5.2	11.05	3,180,000
1944	4	20	56	6	5.2	5.2	11.05	3,620,000
1945	4	20	56	6	5.2	5.2	11.05	3,790,000
1946	4	20	56	6	5.2	5.2	11.05	3,990,000
1947	4	20	56	6	5.2	5.2	11.05	1,110,000
1948	4	20	56	6	5.2	5.2	11.05	1,560,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1949	4	20	56	6	5.2	5.2	11.05	1,770,000
1950	4	20	56	6	5.2	5.2	11.05	2,290,000
1951	4	20	56	6	5.2	5.2	11.05	2,510,000
1952	4	20	56	6	5.2	5.2	11.05	2,810,000
1953	4	20	56	6	5.2	5.2	11.05	381,000
1954	4	20	56	6	5.2	5.2	11.05	596,000
1955	4	20	56	6	5.2	5.2	11.05	717,000
1956	4	20	56	6	5.2	5.2	11.05	1,070,000
1957	4	20	56	6	5.2	5.2	11.05	1,240,000
1958	4	20	56	6	5.2	5.2	11.05	1,500,000
1959	4	20	56	6	5.2	5.2	11.05	105,000
1960	4	20	56	6	5.2	5.2	11.05	158,000
1961	4	20	56	6	5.2	5.2	11.05	191,000
1962	4	20	56	6	5.2	5.2	11.05	301,000
1963	4	20	56	6	5.2	5.2	11.05	367,000
1964	4	20	56	6	5.2	5.2	11.05	476,000
1965	4	20	56	6	5.2	5.2	11.05	38,400
1966	4	20	56	6	5.2	5.2	11.05	48,500
1967	4	20	56	6	5.2	5.2	11.05	54,600
1968	4	20	56	6	5.2	5.2	11.05	74,800
1969	4	20	56	6	5.2	5.2	11.05	87,200
1970	4	20	56	6	5.2	5.2	11.05	108,000
1971	22	39	73	4	3.6	6.1	7.8	2,420,000
1972	22	39	73	4	3.6	6.1	7.8	2,800,000
1973	22	39	73	4	3.6	6.1	7.8	2,940,000
1974	22	39	73	4	3.6	6.1	7.8	3,210,000
1975	22	39	73	4	3.6	6.1	7.8	3,300,000
1976	22	39	73	4	3.6	6.1	7.8	3,400,000
1977	22	39	73	4	3.6	6.1	7.8	966,000
1978	22	39	73	4	3.6	6.1	7.8	1,420,000
1979	22	39	73	4	3.6	6.1	7.8	1,630,000
1980	22	39	73	4	3.6	6.1	7.8	2,110,000
1981	22	39	73	4	3.6	6.1	7.8	2,300,000
1982	22	39	73	4	3.6	6.1	7.8	2,540,000
1983	22	39	73	4	3.6	6.1	7.8	283,000
1984	22	39	73	4	3.6	6.1	7.8	506,000
1985	22	39	73	4	3.6	6.1	7.8	637,000
1986	22	39	73	4	3.6	6.1	7.8	1,020,000
1987	22	39	73	4	3.6	6.1	7.8	1,210,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
1988	22	39	73	4	3.6	6.1	7.8	1,480,000
1989	22	39	73	4	3.6	6.1	7.8	71,700
1990	22	39	73	4	3.6	6.1	7.8	129,000
1991	22	39	73	4	3.6	6.1	7.8	169,000
1992	22	39	73	4	3.6	6.1	7.8	311,000
1993	22	39	73	4	3.6	6.1	7.8	401,000
1994	22	39	73	4	3.6	6.1	7.8	551,000
1995	22	39	73	4	3.6	6.1	7.8	25,200
1996	22	39	73	4	3.6	6.1	7.8	38,000
1997	22	39	73	4	3.6	6.1	7.8	46,700
1998	22	39	73	4	3.6	6.1	7.8	79,900
1999	22	39	73	4	3.6	6.1	7.8	103,000
2000	22	39	73	4	3.6	6.1	7.8	145,000
2001	22	39	73	4	4.6	6.05	10.1	2,340,000
2002	22	39	73	4	4.6	6.05	10.1	2,340,000
2003	22	39	73	4	4.6	6.05	10.1	2,340,000
2004	22	39	73	4	4.6	6.05	10.1	2,340,000
2005	22	39	73	4	4.6	6.05	10.1	2,340,000
2006	22	39	73	4	4.6	6.05	10.1	2,340,000
2007	22	39	73	4	4.6	6.05	10.1	1,850,000
2008	22	39	73	4	4.6	6.05	10.1	2,040,000
2009	22	39	73	4	4.6	6.05	10.1	2,100,000
2010	22	39	73	4	4.6	6.05	10.1	2,190,000
2011	22	39	73	4	4.6	6.05	10.1	2,220,000
2012	22	39	73	4	4.6	6.05	10.1	2,250,000
2013	22	39	73	4	4.6	6.05	10.1	363,000
2014	22	39	73	4	4.6	6.05	10.1	638,000
2015	22	39	73	4	4.6	6.05	10.1	785,000
2016	22	39	73	4	4.6	6.05	10.1	1,160,000
2017	22	39	73	4	4.6	6.05	10.1	1,320,000
2018	22	39	73	4	4.6	6.05	10.1	1,510,000
2019	22	39	73	4	4.6	6.05	10.1	55,100
2020	22	39	73	4	4.6	6.05	10.1	89,700
2021	22	39	73	4	4.6	6.05	10.1	115,000
2022	22	39	73	4	4.6	6.05	10.1	214,000
2023	22	39	73	4	4.6	6.05	10.1	281,000
2024	22	39	73	4	4.6	6.05	10.1	400,000
2025	22	39	73	4	4.6	6.05	10.1	31,000
2026	22	39	73	4	4.6	6.05	10.1	40,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2027	22	39	73	4	4.6	6.05	10.1	46,500
2028	22	39	73	4	4.6	6.05	10.1	71,600
2029	22	39	73	4	4.6	6.05	10.1	89,700
2030	22	39	73	4	4.6	6.05	10.1	125,000
2031	4	20	56	6	5.2	7.6	10.65	2,690,000
2032	4	20	56	6	5.2	7.6	10.65	3,000,000
2033	4	20	56	6	5.2	7.6	10.65	3,110,000
2034	4	20	56	6	5.2	7.6	10.65	3,330,000
2035	4	20	56	6	5.2	7.6	10.65	3,410,000
2036	4	20	56	6	5.2	7.6	10.65	3,500,000
2037	4	20	56	6	5.2	7.6	10.65	844,000
2038	4	20	56	6	5.2	7.6	10.65	1,210,000
2039	4	20	56	6	5.2	7.6	10.65	1,390,000
2040	4	20	56	6	5.2	7.6	10.65	1,820,000
2041	4	20	56	6	5.2	7.6	10.65	2,000,000
2042	4	20	56	6	5.2	7.6	10.65	2,240,000
2043	4	20	56	6	5.2	7.6	10.65	207,000
2044	4	20	56	6	5.2	7.6	10.65	338,000
2045	4	20	56	6	5.2	7.6	10.65	415,000
2046	4	20	56	6	5.2	7.6	10.65	654,000
2047	4	20	56	6	5.2	7.6	10.65	783,000
2048	4	20	56	6	5.2	7.6	10.65	977,000
2049	4	20	56	6	5.2	7.6	10.65	63,600
2050	4	20	56	6	5.2	7.6	10.65	94,800
2051	4	20	56	6	5.2	7.6	10.65	115,000
2052	4	20	56	6	5.2	7.6	10.65	183,000
2053	4	20	56	6	5.2	7.6	10.65	226,000
2054	4	20	56	6	5.2	7.6	10.65	298,000
2055	4	20	56	6	5.2	7.6	10.65	32,400
2056	4	20	56	6	5.2	7.6	10.65	41,500
2057	4	20	56	6	5.2	7.6	10.65	47,000
2058	4	20	56	6	5.2	7.6	10.65	66,200
2059	4	20	56	6	5.2	7.6	10.65	78,200
2060	4	20	56	6	5.2	7.6	10.65	99,200
2061	4	20	56	6	4.3	7.25	8.7	2,840,000
2062	4	20	56	6	4.3	7.25	8.7	3,200,000
2063	4	20	56	6	4.3	7.25	8.7	3,340,000
2064	4	20	56	6	4.3	7.25	8.7	3,630,000
2065	4	20	56	6	4.3	7.25	8.7	3,730,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2066	4	20	56	6	4.3	7.25	8.7	3,860,000
2067	4	20	56	6	4.3	7.25	8.7	1,110,000
2068	4	20	56	6	4.3	7.25	8.7	1,500,000
2069	4	20	56	6	4.3	7.25	8.7	1,680,000
2070	4	20	56	6	4.3	7.25	8.7	2,110,000
2071	4	20	56	6	4.3	7.25	8.7	2,300,000
2072	4	20	56	6	4.3	7.25	8.7	2,540,000
2073	4	20	56	6	4.3	7.25	8.7	337,000
2074	4	20	56	6	4.3	7.25	8.7	521,000
2075	4	20	56	6	4.3	7.25	8.7	622,000
2076	4	20	56	6	4.3	7.25	8.7	911,000
2077	4	20	56	6	4.3	7.25	8.7	1,060,000
2078	4	20	56	6	4.3	7.25	8.7	1,270,000
2079	4	20	56	6	4.3	7.25	8.7	93,400
2080	4	20	56	6	4.3	7.25	8.7	144,000
2081	4	20	56	6	4.3	7.25	8.7	175,000
2082	4	20	56	6	4.3	7.25	8.7	275,000
2083	4	20	56	6	4.3	7.25	8.7	334,000
2084	4	20	56	6	4.3	7.25	8.7	430,000
2085	4	20	56	6	4.3	7.25	8.7	35,000
2086	4	20	56	6	4.3	7.25	8.7	47,800
2087	4	20	56	6	4.3	7.25	8.7	55,500
2088	4	20	56	6	4.3	7.25	8.7	81,400
2089	4	20	56	6	4.3	7.25	8.7	97,200
2090	4	20	56	6	4.3	7.25	8.7	124,000
2091	22	39	73	4	4.6	6.45	9.65	2,580,000
2092	22	39	73	4	4.6	6.45	9.65	2,760,000
2093	22	39	73	4	4.6	6.45	9.65	2,820,000
2094	22	39	73	4	4.6	6.45	9.65	2,930,000
2095	22	39	73	4	4.6	6.45	9.65	2,970,000
2096	22	39	73	4	4.6	6.45	9.65	3,010,000
2097	22	39	73	4	4.6	6.45	9.65	852,000
2098	22	39	73	4	4.6	6.45	9.65	1,200,000
2099	22	39	73	4	4.6	6.45	9.65	1,360,000
2100	22	39	73	4	4.6	6.45	9.65	1,730,000
2101	22	39	73	4	4.6	6.45	9.65	1,880,000
2102	22	39	73	4	4.6	6.45	9.65	2,070,000
2103	22	39	73	4	4.6	6.45	9.65	181,000
2104	22	39	73	4	4.6	6.45	9.65	296,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2105	22	39	73	4	4.6	6.45	9.65	365,000
2106	22	39	73	4	4.6	6.45	9.65	580,000
2107	22	39	73	4	4.6	6.45	9.65	697,000
2108	22	39	73	4	4.6	6.45	9.65	872,000
2109	22	39	73	4	4.6	6.45	9.65	56,100
2110	22	39	73	4	4.6	6.45	9.65	81,000
2111	22	39	73	4	4.6	6.45	9.65	96,800
2112	22	39	73	4	4.6	6.45	9.65	153,000
2113	22	39	73	4	4.6	6.45	9.65	188,000
2114	22	39	73	4	4.6	6.45	9.65	249,000
2115	22	39	73	4	4.6	6.45	9.65	32,100
2116	22	39	73	4	4.6	6.45	9.65	39,800
2117	22	39	73	4	4.6	6.45	9.65	44,500
2118	22	39	73	4	4.6	6.45	9.65	60,700
2119	22	39	73	4	4.6	6.45	9.65	71,000
2120	22	39	73	4	4.6	6.45	9.65	89,000
2121	22	39	73	4	3.6	7.3	7.3	2,270,000
2122	22	39	73	4	3.6	7.3	7.3	2,640,000
2123	22	39	73	4	3.6	7.3	7.3	2,780,000
2124	22	39	73	4	3.6	7.3	7.3	3,070,000
2125	22	39	73	4	3.6	7.3	7.3	3,180,000
2126	22	39	73	4	3.6	7.3	7.3	3,300,000
2127	22	39	73	4	3.6	7.3	7.3	779,000
2128	22	39	73	4	3.6	7.3	7.3	1,110,000
2129	22	39	73	4	3.6	7.3	7.3	1,260,000
2130	22	39	73	4	3.6	7.3	7.3	1,660,000
2131	22	39	73	4	3.6	7.3	7.3	1,840,000
2132	22	39	73	4	3.6	7.3	7.3	2,070,000
2133	22	39	73	4	3.6	7.3	7.3	235,000
2134	22	39	73	4	3.6	7.3	7.3	364,000
2135	22	39	73	4	3.6	7.3	7.3	438,000
2136	22	39	73	4	3.6	7.3	7.3	662,000
2137	22	39	73	4	3.6	7.3	7.3	781,000
2138	22	39	73	4	3.6	7.3	7.3	960,000
2139	22	39	73	4	3.6	7.3	7.3	78,800
2140	22	39	73	4	3.6	7.3	7.3	113,000
2141	22	39	73	4	3.6	7.3	7.3	134,000
2142	22	39	73	4	3.6	7.3	7.3	204,000
2143	22	39	73	4	3.6	7.3	7.3	246,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2144	22	39	73	4	3.6	7.3	7.3	316,000
2145	22	39	73	4	3.6	7.3	7.3	39,200
2146	22	39	73	4	3.6	7.3	7.3	48,800
2147	22	39	73	4	3.6	7.3	7.3	54,500
2148	22	39	73	4	3.6	7.3	7.3	73,200
2149	22	39	73	4	3.6	7.3	7.3	84,600
2150	22	39	73	4	3.6	7.3	7.3	104,000
2151	4	20	56	6	4.3	6.5	9.5	2,780,000
2152	4	20	56	6	4.3	6.5	9.5	2,930,000
2153	4	20	56	6	4.3	6.5	9.5	2,980,000
2154	4	20	56	6	4.3	6.5	9.5	3,070,000
2155	4	20	56	6	4.3	6.5	9.5	3,100,000
2156	4	20	56	6	4.3	6.5	9.5	3,130,000
2157	4	20	56	6	4.3	6.5	9.5	1,180,000
2158	4	20	56	6	4.3	6.5	9.5	1,570,000
2159	4	20	56	6	4.3	6.5	9.5	1,740,000
2160	4	20	56	6	4.3	6.5	9.5	2,100,000
2161	4	20	56	6	4.3	6.5	9.5	2,230,000
2162	4	20	56	6	4.3	6.5	9.5	2,400,000
2163	4	20	56	6	4.3	6.5	9.5	292,000
2164	4	20	56	6	4.3	6.5	9.5	474,000
2165	4	20	56	6	4.3	6.5	9.5	578,000
2166	4	20	56	6	4.3	6.5	9.5	878,000
2167	4	20	56	6	4.3	6.5	9.5	1,030,000
2168	4	20	56	6	4.3	6.5	9.5	1,240,000
2169	4	20	56	6	4.3	6.5	9.5	81,400
2170	4	20	56	6	4.3	6.5	9.5	124,000
2171	4	20	56	6	4.3	6.5	9.5	151,000
2172	4	20	56	6	4.3	6.5	9.5	246,000
2173	4	20	56	6	4.3	6.5	9.5	305,000
2174	4	20	56	6	4.3	6.5	9.5	403,000
2175	4	20	56	6	4.3	6.5	9.5	41,000
2176	4	20	56	6	4.3	6.5	9.5	52,900
2177	4	20	56	6	4.3	6.5	9.5	60,400
2178	4	20	56	6	4.3	6.5	9.5	86,800
2179	4	20	56	6	4.3	6.5	9.5	104,000
2180	4	20	56	6	4.3	6.5	9.5	134,000
2181	4	20	56	6	5.2	4.75	11.6	2,430,000
2182	4	20	56	6	5.2	4.75	11.6	2,680,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2183	4	20	56	6	5.2	4.75	11.6	2,770,000
2184	4	20	56	6	5.2	4.75	11.6	2,940,000
2185	4	20	56	6	5.2	4.75	11.6	3,000,000
2186	4	20	56	6	5.2	4.75	11.6	3,060,000
2187	4	20	56	6	5.2	4.75	11.6	979,000
2188	4	20	56	6	5.2	4.75	11.6	1,330,000
2189	4	20	56	6	5.2	4.75	11.6	1,490,000
2190	4	20	56	6	5.2	4.75	11.6	1,860,000
2191	4	20	56	6	5.2	4.75	11.6	2,010,000
2192	4	20	56	6	5.2	4.75	11.6	2,200,000
2193	4	20	56	6	5.2	4.75	11.6	289,000
2194	4	20	56	6	5.2	4.75	11.6	458,000
2195	4	20	56	6	5.2	4.75	11.6	553,000
2196	4	20	56	6	5.2	4.75	11.6	826,000
2197	4	20	56	6	5.2	4.75	11.6	963,000
2198	4	20	56	6	5.2	4.75	11.6	1,160,000
2199	4	20	56	6	5.2	4.75	11.6	86,300
2200	4	20	56	6	5.2	4.75	11.6	132,000
2201	4	20	56	6	5.2	4.75	11.6	161,000
2202	4	20	56	6	5.2	4.75	11.6	258,000
2203	4	20	56	6	5.2	4.75	11.6	316,000
2204	4	20	56	6	5.2	4.75	11.6	411,000
2205	4	20	56	6	5.2	4.75	11.6	39,200
2206	4	20	56	6	5.2	4.75	11.6	51,800
2207	4	20	56	6	5.2	4.75	11.6	59,500
2208	4	20	56	6	5.2	4.75	11.6	86,200
2209	4	20	56	6	5.2	4.75	11.6	103,000
2210	4	20	56	6	5.2	4.75	11.6	132,000
2211	22	39	73	4	3.6	7.3	6.5	2,670,000
2212	22	39	73	4	3.6	7.3	6.5	2,710,000
2213	22	39	73	4	3.6	7.3	6.5	2,730,000
2214	22	39	73	4	3.6	7.3	6.5	2,750,000
2215	22	39	73	4	3.6	7.3	6.5	2,760,000
2216	22	39	73	4	3.6	7.3	6.5	2,770,000
2217	22	39	73	4	3.6	7.3	6.5	1,110,000
2218	22	39	73	4	3.6	7.3	6.5	1,480,000
2219	22	39	73	4	3.6	7.3	6.5	1,640,000
2220	22	39	73	4	3.6	7.3	6.5	1,960,000
2221	22	39	73	4	3.6	7.3	6.5	2,080,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2222	22	39	73	4	3.6	7.3	6.5	2,220,000
2223	22	39	73	4	3.6	7.3	6.5	227,000
2224	22	39	73	4	3.6	7.3	6.5	368,000
2225	22	39	73	4	3.6	7.3	6.5	454,000
2226	22	39	73	4	3.6	7.3	6.5	717,000
2227	22	39	73	4	3.6	7.3	6.5	856,000
2228	22	39	73	4	3.6	7.3	6.5	1,060,000
2229	22	39	73	4	3.6	7.3	6.5	94,800
2230	22	39	73	4	3.6	7.3	6.5	136,000
2231	22	39	73	4	3.6	7.3	6.5	162,000
2232	22	39	73	4	3.6	7.3	6.5	258,000
2233	22	39	73	4	3.6	7.3	6.5	318,000
2234	22	39	73	4	3.6	7.3	6.5	420,000
2235	22	39	73	4	3.6	7.3	6.5	76,600
2236	22	39	73	4	3.6	7.3	6.5	103,000
2237	22	39	73	4	3.6	7.3	6.5	120,000
2238	22	39	73	4	3.6	7.3	6.5	181,000
2239	22	39	73	4	3.6	7.3	6.5	221,000
2240	22	39	73	4	3.6	7.3	6.5	290,000
2241	22	39	73	4	4.6	6.05	9.2	2,800,000
2242	22	39	73	4	4.6	6.05	9.2	3,070,000
2243	22	39	73	4	4.6	6.05	9.2	3,170,000
2244	22	39	73	4	4.6	6.05	9.2	3,340,000
2245	22	39	73	4	4.6	6.05	9.2	3,400,000
2246	22	39	73	4	4.6	6.05	9.2	3,460,000
2247	22	39	73	4	4.6	6.05	9.2	1,050,000
2248	22	39	73	4	4.6	6.05	9.2	1,490,000
2249	22	39	73	4	4.6	6.05	9.2	1,690,000
2250	22	39	73	4	4.6	6.05	9.2	2,150,000
2251	22	39	73	4	4.6	6.05	9.2	2,340,000
2252	22	39	73	4	4.6	6.05	9.2	2,560,000
2253	22	39	73	4	4.6	6.05	9.2	280,000
2254	22	39	73	4	4.6	6.05	9.2	463,000
2255	22	39	73	4	4.6	6.05	9.2	572,000
2256	22	39	73	4	4.6	6.05	9.2	900,000
2257	22	39	73	4	4.6	6.05	9.2	1,070,000
2258	22	39	73	4	4.6	6.05	9.2	1,320,000
2259	22	39	73	4	4.6	6.05	9.2	90,900
2260	22	39	73	4	4.6	6.05	9.2	134,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2261	22	39	73	4	4.6	6.05	9.2	163,000
2262	22	39	73	4	4.6	6.05	9.2	263,000
2263	22	39	73	4	4.6	6.05	9.2	327,000
2264	22	39	73	4	4.6	6.05	9.2	436,000
2265	22	39	73	4	4.6	6.05	9.2	49,800
2266	22	39	73	4	4.6	6.05	9.2	61,600
2267	22	39	73	4	4.6	6.05	9.2	69,000
2268	22	39	73	4	4.6	6.05	9.2	95,100
2269	22	39	73	4	4.6	6.05	9.2	112,000
2270	22	39	73	4	4.6	6.05	9.2	142,000
2271	4	20	56	6	4.3	6.95	8.95	2,580,000
2272	4	20	56	6	4.3	6.95	8.95	2,950,000
2273	4	20	56	6	4.3	6.95	8.95	3,090,000
2274	4	20	56	6	4.3	6.95	8.95	3,390,000
2275	4	20	56	6	4.3	6.95	8.95	3,500,000
2276	4	20	56	6	4.3	6.95	8.95	3,630,000
2277	4	20	56	6	4.3	6.95	8.95	953,000
2278	4	20	56	6	4.3	6.95	8.95	1,330,000
2279	4	20	56	6	4.3	6.95	8.95	1,510,000
2280	4	20	56	6	4.3	6.95	8.95	1,940,000
2281	4	20	56	6	4.3	6.95	8.95	2,130,000
2282	4	20	56	6	4.3	6.95	8.95	2,370,000
2283	4	20	56	6	4.3	6.95	8.95	279,000
2284	4	20	56	6	4.3	6.95	8.95	445,000
2285	4	20	56	6	4.3	6.95	8.95	539,000
2286	4	20	56	6	4.3	6.95	8.95	814,000
2287	4	20	56	6	4.3	6.95	8.95	956,000
2288	4	20	56	6	4.3	6.95	8.95	1,160,000
2289	4	20	56	6	4.3	6.95	8.95	76,900
2290	4	20	56	6	4.3	6.95	8.95	120,000
2291	4	20	56	6	4.3	6.95	8.95	147,000
2292	4	20	56	6	4.3	6.95	8.95	238,000
2293	4	20	56	6	4.3	6.95	8.95	292,000
2294	4	20	56	6	4.3	6.95	8.95	382,000
2295	4	20	56	6	4.3	6.95	8.95	29,700
2296	4	20	56	6	4.3	6.95	8.95	40,400
2297	4	20	56	6	4.3	6.95	8.95	46,900
2298	4	20	56	6	4.3	6.95	8.95	69,300
2299	4	20	56	6	4.3	6.95	8.95	83,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2300	4	20	56	6	4.3	6.95	8.95	107,000
2301	4	20	56	6	5.2	5.5	11.1	2,630,000
2302	4	20	56	6	5.2	5.5	11.1	3,030,000
2303	4	20	56	6	5.2	5.5	11.1	3,180,000
2304	4	20	56	6	5.2	5.5	11.1	3,510,000
2305	4	20	56	6	5.2	5.5	11.1	3,640,000
2306	4	20	56	6	5.2	5.5	11.1	3,790,000
2307	4	20	56	6	5.2	5.5	11.1	857,000
2308	4	20	56	6	5.2	5.5	11.1	1,210,000
2309	4	20	56	6	5.2	5.5	11.1	1,380,000
2310	4	20	56	6	5.2	5.5	11.1	1,800,000
2311	4	20	56	6	5.2	5.5	11.1	1,990,000
2312	4	20	56	6	5.2	5.5	11.1	2,240,000
2313	4	20	56	6	5.2	5.5	11.1	249,000
2314	4	20	56	6	5.2	5.5	11.1	391,000
2315	4	20	56	6	5.2	5.5	11.1	471,000
2316	4	20	56	6	5.2	5.5	11.1	711,000
2317	4	20	56	6	5.2	5.5	11.1	838,000
2318	4	20	56	6	5.2	5.5	11.1	1,030,000
2319	4	20	56	6	5.2	5.5	11.1	76,300
2320	4	20	56	6	5.2	5.5	11.1	117,000
2321	4	20	56	6	5.2	5.5	11.1	142,000
2322	4	20	56	6	5.2	5.5	11.1	225,000
2323	4	20	56	6	5.2	5.5	11.1	274,000
2324	4	20	56	6	5.2	5.5	11.1	355,000
2325	4	20	56	6	5.2	5.5	11.1	32,700
2326	4	20	56	6	5.2	5.5	11.1	45,200
2327	4	20	56	6	5.2	5.5	11.1	52,800
2328	4	20	56	6	5.2	5.5	11.1	78,300
2329	4	20	56	6	5.2	5.5	11.1	93,900
2330	4	20	56	6	5.2	5.5	11.1	121,000
2331	22	39	73	4	3.6	5.6	7.7	3,080,000
2332	22	39	73	4	3.6	5.6	7.7	3,470,000
2333	22	39	73	4	3.6	5.6	7.7	3,610,000
2334	22	39	73	4	3.6	5.6	7.7	3,900,000
2335	22	39	73	4	3.6	5.6	7.7	4,000,000
2336	22	39	73	4	3.6	5.6	7.7	4,120,000
2337	22	39	73	4	3.6	5.6	7.7	1,050,000
2338	22	39	73	4	3.6	5.6	7.7	1,490,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2339	22	39	73	4	3.6	5.6	7.7	1,700,000
2340	22	39	73	4	3.6	5.6	7.7	2,200,000
2341	22	39	73	4	3.6	5.6	7.7	2,410,000
2342	22	39	73	4	3.6	5.6	7.7	2,690,000
2343	22	39	73	4	3.6	5.6	7.7	289,000
2344	22	39	73	4	3.6	5.6	7.7	458,000
2345	22	39	73	4	3.6	5.6	7.7	557,000
2346	22	39	73	4	3.6	5.6	7.7	854,000
2347	22	39	73	4	3.6	5.6	7.7	1,010,000
2348	22	39	73	4	3.6	5.6	7.7	1,250,000
2349	22	39	73	4	3.6	5.6	7.7	90,900
2350	22	39	73	4	3.6	5.6	7.7	133,000
2351	22	39	73	4	3.6	5.6	7.7	160,000
2352	22	39	73	4	3.6	5.6	7.7	250,000
2353	22	39	73	4	3.6	5.6	7.7	305,000
2354	22	39	73	4	3.6	5.6	7.7	397,000
2355	22	39	73	4	3.6	5.6	7.7	45,200
2356	22	39	73	4	3.6	5.6	7.7	56,900
2357	22	39	73	4	3.6	5.6	7.7	64,000
2358	22	39	73	4	3.6	5.6	7.7	87,900
2359	22	39	73	4	3.6	5.6	7.7	103,000
2360	22	39	73	4	3.6	5.6	7.7	128,000
2361	22	39	73	4	4.6	5.1	9.95	2,470,000
2362	22	39	73	4	4.6	5.1	9.95	2,840,000
2363	22	39	73	4	4.6	5.1	9.95	2,990,000
2364	22	39	73	4	4.6	5.1	9.95	3,280,000
2365	22	39	73	4	4.6	5.1	9.95	3,390,000
2366	22	39	73	4	4.6	5.1	9.95	3,520,000
2367	22	39	73	4	4.6	5.1	9.95	853,000
2368	22	39	73	4	4.6	5.1	9.95	1,210,000
2369	22	39	73	4	4.6	5.1	9.95	1,380,000
2370	22	39	73	4	4.6	5.1	9.95	1,800,000
2371	22	39	73	4	4.6	5.1	9.95	1,980,000
2372	22	39	73	4	4.6	5.1	9.95	2,230,000
2373	22	39	73	4	4.6	5.1	9.95	250,000
2374	22	39	73	4	4.6	5.1	9.95	396,000
2375	22	39	73	4	4.6	5.1	9.95	480,000
2376	22	39	73	4	4.6	5.1	9.95	730,000
2377	22	39	73	4	4.6	5.1	9.95	861,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2378	22	39	73	4	4.6	5.1	9.95	1,060,000
2379	22	39	73	4	4.6	5.1	9.95	76,800
2380	22	39	73	4	4.6	5.1	9.95	116,000
2381	22	39	73	4	4.6	5.1	9.95	141,000
2382	22	39	73	4	4.6	5.1	9.95	222,000
2383	22	39	73	4	4.6	5.1	9.95	272,000
2384	22	39	73	4	4.6	5.1	9.95	353,000
2385	22	39	73	4	4.6	5.1	9.95	34,200
2386	22	39	73	4	4.6	5.1	9.95	45,100
2387	22	39	73	4	4.6	5.1	9.95	51,700
2388	22	39	73	4	4.6	5.1	9.95	74,000
2389	22	39	73	4	4.6	5.1	9.95	87,800
2390	22	39	73	4	4.6	5.1	9.95	111,000
2391	4	20	56	6	5.2	5.7	11.65	2,840,000
2392	4	20	56	6	5.2	5.7	11.65	3,180,000
2393	4	20	56	6	5.2	5.7	11.65	3,300,000
2394	4	20	56	6	5.2	5.7	11.65	3,520,000
2395	4	20	56	6	5.2	5.7	11.65	3,590,000
2396	4	20	56	6	5.2	5.7	11.65	3,680,000
2397	4	20	56	6	5.2	5.7	11.65	1,230,000
2398	4	20	56	6	5.2	5.7	11.65	1,710,000
2399	4	20	56	6	5.2	5.7	11.65	1,930,000
2400	4	20	56	6	5.2	5.7	11.65	2,410,000
2401	4	20	56	6	5.2	5.7	11.65	2,600,000
2402	4	20	56	6	5.2	5.7	11.65	2,830,000
2403	4	20	56	6	5.2	5.7	11.65	412,000
2404	4	20	56	6	5.2	5.7	11.65	676,000
2405	4	20	56	6	5.2	5.7	11.65	824,000
2406	4	20	56	6	5.2	5.7	11.65	1,240,000
2407	4	20	56	6	5.2	5.7	11.65	1,450,000
2408	4	20	56	6	5.2	5.7	11.65	1,730,000
2409	4	20	56	6	5.2	5.7	11.65	136,000
2410	4	20	56	6	5.2	5.7	11.65	219,000
2411	4	20	56	6	5.2	5.7	11.65	273,000
2412	4	20	56	6	5.2	5.7	11.65	456,000
2413	4	20	56	6	5.2	5.7	11.65	566,000
2414	4	20	56	6	5.2	5.7	11.65	742,000
2415	4	20	56	6	5.2	5.7	11.65	63,200
2416	4	20	56	6	5.2	5.7	11.65	87,800

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2417	4	20	56	6	5.2	5.7	11.65	104,000
2418	4	20	56	6	5.2	5.7	11.65	161,000
2419	4	20	56	6	5.2	5.7	11.65	199,000
2420	4	20	56	6	5.2	5.7	11.65	265,000
2421	4	20	56	6	4.3	5.35	9.85	3,290,000
2422	4	20	56	6	4.3	5.35	9.85	3,420,000
2423	4	20	56	6	4.3	5.35	9.85	3,460,000
2424	4	20	56	6	4.3	5.35	9.85	3,530,000
2425	4	20	56	6	4.3	5.35	9.85	3,560,000
2426	4	20	56	6	4.3	5.35	9.85	3,590,000
2427	4	20	56	6	4.3	5.35	9.85	1,410,000
2428	4	20	56	6	4.3	5.35	9.85	1,840,000
2429	4	20	56	6	4.3	5.35	9.85	2,020,000
2430	4	20	56	6	4.3	5.35	9.85	2,410,000
2431	4	20	56	6	4.3	5.35	9.85	2,560,000
2432	4	20	56	6	4.3	5.35	9.85	2,730,000
2433	4	20	56	6	4.3	5.35	9.85	322,000
2434	4	20	56	6	4.3	5.35	9.85	537,000
2435	4	20	56	6	4.3	5.35	9.85	658,000
2436	4	20	56	6	4.3	5.35	9.85	1,000,000
2437	4	20	56	6	4.3	5.35	9.85	1,170,000
2438	4	20	56	6	4.3	5.35	9.85	1,410,000
2439	4	20	56	6	4.3	5.35	9.85	83,600
2440	4	20	56	6	4.3	5.35	9.85	142,000
2441	4	20	56	6	4.3	5.35	9.85	180,000
2442	4	20	56	6	4.3	5.35	9.85	311,000
2443	4	20	56	6	4.3	5.35	9.85	390,000
2444	4	20	56	6	4.3	5.35	9.85	521,000
2445	4	20	56	6	4.3	5.35	9.85	41,100
2446	4	20	56	6	4.3	5.35	9.85	63,700
2447	4	20	56	6	4.3	5.35	9.85	78,600
2448	4	20	56	6	4.3	5.35	9.85	133,000
2449	4	20	56	6	4.3	5.35	9.85	168,000
2450	4	20	56	6	4.3	5.35	9.85	230,000
2451	22	39	73	4	4.6	5.5	9.9	2,610,000
2452	22	39	73	4	4.6	5.5	9.9	3,010,000
2453	22	39	73	4	4.6	5.5	9.9	3,160,000
2454	22	39	73	4	4.6	5.5	9.9	3,440,000
2455	22	39	73	4	4.6	5.5	9.9	3,540,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2456	22	39	73	4	4.6	5.5	9.9	3,650,000
2457	22	39	73	4	4.6	5.5	9.9	1,160,000
2458	22	39	73	4	4.6	5.5	9.9	1,640,000
2459	22	39	73	4	4.6	5.5	9.9	1,860,000
2460	22	39	73	4	4.6	5.5	9.9	2,350,000
2461	22	39	73	4	4.6	5.5	9.9	2,540,000
2462	22	39	73	4	4.6	5.5	9.9	2,780,000
2463	22	39	73	4	4.6	5.5	9.9	366,000
2464	22	39	73	4	4.6	5.5	9.9	615,000
2465	22	39	73	4	4.6	5.5	9.9	755,000
2466	22	39	73	4	4.6	5.5	9.9	1,160,000
2467	22	39	73	4	4.6	5.5	9.9	1,360,000
2468	22	39	73	4	4.6	5.5	9.9	1,630,000
2469	22	39	73	4	4.6	5.5	9.9	91,800
2470	22	39	73	4	4.6	5.5	9.9	153,000
2471	22	39	73	4	4.6	5.5	9.9	193,000
2472	22	39	73	4	4.6	5.5	9.9	334,000
2473	22	39	73	4	4.6	5.5	9.9	421,000
2474	22	39	73	4	4.6	5.5	9.9	565,000
2475	22	39	73	4	4.6	5.5	9.9	32,700
2476	22	39	73	4	4.6	5.5	9.9	44,400
2477	22	39	73	4	4.6	5.5	9.9	51,800
2478	22	39	73	4	4.6	5.5	9.9	78,900
2479	22	39	73	4	4.6	5.5	9.9	96,800
2480	22	39	73	4	4.6	5.5	9.9	129,000
2481	22	39	73	4	3.6	5.65	7.8	2,280,000
2482	22	39	73	4	3.6	5.65	7.8	2,800,000
2483	22	39	73	4	3.6	5.65	7.8	3,000,000
2484	22	39	73	4	3.6	5.65	7.8	3,390,000
2485	22	39	73	4	3.6	5.65	7.8	3,520,000
2486	22	39	73	4	3.6	5.65	7.8	3,680,000
2487	22	39	73	4	3.6	5.65	7.8	1,340,000
2488	22	39	73	4	3.6	5.65	7.8	1,890,000
2489	22	39	73	4	3.6	5.65	7.8	2,140,000
2490	22	39	73	4	3.6	5.65	7.8	2,670,000
2491	22	39	73	4	3.6	5.65	7.8	2,880,000
2492	22	39	73	4	3.6	5.65	7.8	3,130,000
2493	22	39	73	4	3.6	5.65	7.8	542,000
2494	22	39	73	4	3.6	5.65	7.8	911,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2495	22	39	73	4	3.6	5.65	7.8	1,110,000
2496	22	39	73	4	3.6	5.65	7.8	1,640,000
2497	22	39	73	4	3.6	5.65	7.8	1,880,000
2498	22	39	73	4	3.6	5.65	7.8	2,200,000
2499	22	39	73	4	3.6	5.65	7.8	131,000
2500	22	39	73	4	3.6	5.65	7.8	236,000
2501	22	39	73	4	3.6	5.65	7.8	306,000
2502	22	39	73	4	3.6	5.65	7.8	547,000
2503	22	39	73	4	3.6	5.65	7.8	690,000
2504	22	39	73	4	3.6	5.65	7.8	918,000
2505	22	39	73	4	3.6	5.65	7.8	35,100
2506	22	39	73	4	3.6	5.65	7.8	50,200
2507	22	39	73	4	3.6	5.65	7.8	60,300
2508	22	39	73	4	3.6	5.65	7.8	98,800
2509	22	39	73	4	3.6	5.65	7.8	125,000
2510	22	39	73	4	3.6	5.65	7.8	174,000
2511	0	4	41.6	3.3	5	3.95	10.24	2,010,000
2512	0	4	41.6	3.3	5	3.95	10.24	2,350,000
2513	0	4	41.6	3.3	5	3.95	10.24	2,600,000
2514	0	4	41.6	3.3	5	3.95	10.24	2,680,000
2515	0	4	41.6	3.3	5	3.95	10.24	929,000
2516	0	4	41.6	3.3	5	3.95	10.24	1,350,000
2517	0	4	41.6	3.3	5	3.95	10.24	1,780,000
2518	0	4	41.6	3.3	5	3.95	10.24	1,940,000
2519	0	4	41.6	3.3	5	3.95	10.24	337,000
2520	0	4	41.6	3.3	5	3.95	10.24	603,000
2521	0	4	41.6	3.3	5	3.95	10.24	971,000
2522	0	4	41.6	3.3	5	3.95	10.24	1,140,000
2523	0	4	41.6	3.3	5	3.95	10.24	98,600
2524	0	4	41.6	3.3	5	3.95	10.24	193,000
2525	0	4	41.6	3.3	5	3.95	10.24	369,000
2526	0	4	41.6	3.3	5	3.95	10.24	468,000
2527	0	4	41.6	3.3	5	3.95	10.24	33,300
2528	0	4	41.6	3.3	5	3.95	10.24	58,700
2529	0	4	41.6	3.3	5	3.95	10.24	112,000
2530	0	4	41.6	3.3	5	3.95	10.24	147,000
2531	0	4	41.6	3.3	5	6.35	10.02	969,000
2532	0	4	41.6	3.3	5	6.35	10.02	1,390,000
2533	0	4	41.6	3.3	5	6.35	10.02	1,830,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2534	0	4	41.6	3.3	5	6.35	10.02	2,000,000
2535	0	4	41.6	3.3	5	6.35	10.02	453,000
2536	0	4	41.6	3.3	5	6.35	10.02	751,000
2537	0	4	41.6	3.3	5	6.35	10.02	1,140,000
2538	0	4	41.6	3.3	5	6.35	10.02	1,310,000
2539	0	4	41.6	3.3	5	6.35	10.02	176,000
2540	0	4	41.6	3.3	5	6.35	10.02	322,000
2541	0	4	41.6	3.3	5	6.35	10.02	559,000
2542	0	4	41.6	3.3	5	6.35	10.02	681,000
2543	0	4	41.6	3.3	5	6.35	10.02	55,400
2544	0	4	41.6	3.3	5	6.35	10.02	98,200
2545	0	4	41.6	3.3	5	6.35	10.02	181,000
2546	0	4	41.6	3.3	5	6.35	10.02	231,000
2547	0	4	41.6	3.3	5	6.35	10.02	19,900
2548	0	4	41.6	3.3	5	6.35	10.02	29,200
2549	0	4	41.6	3.3	5	6.35	10.02	46,900
2550	0	4	41.6	3.3	5	6.35	10.02	58,000
2551	0	4	41.6	3.3	5.4	5.55	10.73	1,230,000
2552	0	4	41.6	3.3	5.4	5.55	10.73	1,680,000
2553	0	4	41.6	3.3	5.4	5.55	10.73	2,110,000
2554	0	4	41.6	3.3	5.4	5.55	10.73	2,260,000
2555	0	4	41.6	3.3	5.4	5.55	10.73	733,000
2556	0	4	41.6	3.3	5.4	5.55	10.73	1,150,000
2557	0	4	41.6	3.3	5.4	5.55	10.73	1,610,000
2558	0	4	41.6	3.3	5.4	5.55	10.73	1,790,000
2559	0	4	41.6	3.3	5.4	5.55	10.73	297,000
2560	0	4	41.6	3.3	5.4	5.55	10.73	548,000
2561	0	4	41.6	3.3	5.4	5.55	10.73	913,000
2562	0	4	41.6	3.3	5.4	5.55	10.73	1,080,000
2563	0	4	41.6	3.3	5.4	5.55	10.73	72,200
2564	0	4	41.6	3.3	5.4	5.55	10.73	141,000
2565	0	4	41.6	3.3	5.4	5.55	10.73	276,000
2566	0	4	41.6	3.3	5.4	5.55	10.73	357,000
2567	0	4	41.6	3.3	5.4	5.55	10.73	18,500
2568	0	4	41.6	3.3	5.4	5.55	10.73	28,100
2569	0	4	41.6	3.3	5.4	5.55	10.73	47,600
2570	0	4	41.6	3.3	5.4	5.55	10.73	60,500
2571	0	4	41.6	3.3	5.4	2.2	11.05	1,890,000
2572	0	4	41.6	3.3	5.4	2.2	11.05	2,320,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2573	0	4	41.6	3.3	5.4	2.2	11.05	2,640,000
2574	0	4	41.6	3.3	5.4	2.2	11.05	2,740,000
2575	0	4	41.6	3.3	5.4	2.2	11.05	1,020,000
2576	0	4	41.6	3.3	5.4	2.2	11.05	1,520,000
2577	0	4	41.6	3.3	5.4	2.2	11.05	2,010,000
2578	0	4	41.6	3.3	5.4	2.2	11.05	2,180,000
2579	0	4	41.6	3.3	5.4	2.2	11.05	384,000
2580	0	4	41.6	3.3	5.4	2.2	11.05	719,000
2581	0	4	41.6	3.3	5.4	2.2	11.05	1,180,000
2582	0	4	41.6	3.3	5.4	2.2	11.05	1,380,000
2583	0	4	41.6	3.3	5.4	2.2	11.05	93,000
2584	0	4	41.6	3.3	5.4	2.2	11.05	190,000
2585	0	4	41.6	3.3	5.4	2.2	11.05	386,000
2586	0	4	41.6	3.3	5.4	2.2	11.05	502,000
2587	0	4	41.6	3.3	5.4	2.2	11.05	26,400
2588	0	4	41.6	3.3	5.4	2.2	11.05	41,700
2589	0	4	41.6	3.3	5.4	2.2	11.05	75,600
2590	0	4	41.6	3.3	5.4	2.2	11.05	98,800
2591	0	4	41.6	3.3	5.4	2.65	11.01	968,000
2592	0	4	41.6	3.3	5.4	2.65	11.01	1,500,000
2593	0	4	41.6	3.3	5.4	2.65	11.01	2,060,000
2594	0	4	41.6	3.3	5.4	2.65	11.01	2,270,000
2595	0	4	41.6	3.3	5.4	2.65	11.01	694,000
2596	0	4	41.6	3.3	5.4	2.65	11.01	1,160,000
2597	0	4	41.6	3.3	5.4	2.65	11.01	1,710,000
2598	0	4	41.6	3.3	5.4	2.65	11.01	1,930,000
2599	0	4	41.6	3.3	5.4	2.65	11.01	297,000
2600	0	4	41.6	3.3	5.4	2.65	11.01	560,000
2601	0	4	41.6	3.3	5.4	2.65	11.01	972,000
2602	0	4	41.6	3.3	5.4	2.65	11.01	1,170,000
2603	0	4	41.6	3.3	5.4	2.65	11.01	78,600
2604	0	4	41.6	3.3	5.4	2.65	11.01	142,000
2605	0	4	41.6	3.3	5.4	2.65	11.01	272,000
2606	0	4	41.6	3.3	5.4	2.65	11.01	353,000
2607	0	4	41.6	3.3	5.4	2.65	11.01	26,500
2608	0	4	41.6	3.3	5.4	2.65	11.01	34,600
2609	0	4	41.6	3.3	5.4	2.65	11.01	50,500
2610	0	4	41.6	3.3	5.4	2.65	11.01	60,700
2611	0	4	41.6	3.3	6.4	4.55	12.43	1,060,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2612	0	4	41.6	3.3	6.4	4.55	12.43	1,520,000
2613	0	4	41.6	3.3	6.4	4.55	12.43	1,990,000
2614	0	4	41.6	3.3	6.4	4.55	12.43	2,160,000
2615	0	4	41.6	3.3	6.4	4.55	12.43	501,000
2616	0	4	41.6	3.3	6.4	4.55	12.43	835,000
2617	0	4	41.6	3.3	6.4	4.55	12.43	1,260,000
2618	0	4	41.6	3.3	6.4	4.55	12.43	1,450,000
2619	0	4	41.6	3.3	6.4	4.55	12.43	178,000
2620	0	4	41.6	3.3	6.4	4.55	12.43	329,000
2621	0	4	41.6	3.3	6.4	4.55	12.43	580,000
2622	0	4	41.6	3.3	6.4	4.55	12.43	712,000
2623	0	4	41.6	3.3	6.4	4.55	12.43	49,500
2624	0	4	41.6	3.3	6.4	4.55	12.43	85,100
2625	0	4	41.6	3.3	6.4	4.55	12.43	156,000
2626	0	4	41.6	3.3	6.4	4.55	12.43	200,000
2627	0	4	41.6	3.3	6.4	4.55	12.43	18,400
2628	0	4	41.6	3.3	6.4	4.55	12.43	24,500
2629	0	4	41.6	3.3	6.4	4.55	12.43	35,800
2630	0	4	41.6	3.3	6.4	4.55	12.43	42,900
2631	0	4	41.6	3.3	6.4	4.2	12.46	1,330,000
2632	0	4	41.6	3.3	6.4	4.2	12.46	1,850,000
2633	0	4	41.6	3.3	6.4	4.2	12.46	2,390,000
2634	0	4	41.6	3.3	6.4	4.2	12.46	2,600,000
2635	0	4	41.6	3.3	6.4	4.2	12.46	592,000
2636	0	4	41.6	3.3	6.4	4.2	12.46	967,000
2637	0	4	41.6	3.3	6.4	4.2	12.46	1,450,000
2638	0	4	41.6	3.3	6.4	4.2	12.46	1,660,000
2639	0	4	41.6	3.3	6.4	4.2	12.46	202,000
2640	0	4	41.6	3.3	6.4	4.2	12.46	375,000
2641	0	4	41.6	3.3	6.4	4.2	12.46	655,000
2642	0	4	41.6	3.3	6.4	4.2	12.46	800,000
2643	0	4	41.6	3.3	6.4	4.2	12.46	50,000
2644	0	4	41.6	3.3	6.4	4.2	12.46	92,500
2645	0	4	41.6	3.3	6.4	4.2	12.46	176,000
2646	0	4	41.6	3.3	6.4	4.2	12.46	227,000
2647	0	4	41.6	3.3	6.4	4.2	12.46	13,900
2648	0	4	41.6	3.3	6.4	4.2	12.46	21,000
2649	0	4	41.6	3.3	6.4	4.2	12.46	34,800
2650	0	4	41.6	3.3	6.4	4.2	12.46	43,500

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2651	0	4	41.6	3.3	6.4	1.9	12.68	1,480,000
2652	0	4	41.6	3.3	6.4	1.9	12.68	1,960,000
2653	0	4	41.6	3.3	6.4	1.9	12.68	2,390,000
2654	0	4	41.6	3.3	6.4	1.9	12.68	2,540,000
2655	0	4	41.6	3.3	6.4	1.9	12.68	688,000
2656	0	4	41.6	3.3	6.4	1.9	12.68	1,110,000
2657	0	4	41.6	3.3	6.4	1.9	12.68	1,590,000
2658	0	4	41.6	3.3	6.4	1.9	12.68	1,790,000
2659	0	4	41.6	3.3	6.4	1.9	12.68	240,000
2660	0	4	41.6	3.3	6.4	1.9	12.68	459,000
2661	0	4	41.6	3.3	6.4	1.9	12.68	802,000
2662	0	4	41.6	3.3	6.4	1.9	12.68	970,000
2663	0	4	41.6	3.3	6.4	1.9	12.68	60,600
2664	0	4	41.6	3.3	6.4	1.9	12.68	118,000
2665	0	4	41.6	3.3	6.4	1.9	12.68	235,000
2666	0	4	41.6	3.3	6.4	1.9	12.68	307,000
2667	0	4	41.6	3.3	6.4	1.9	12.68	18,300
2668	0	4	41.6	3.3	6.4	1.9	12.68	28,200
2669	0	4	41.6	3.3	6.4	1.9	12.68	48,500
2670	0	4	41.6	3.3	6.4	1.9	12.68	62,000
2671	0	4	41.6	3.3	5	2.75	10.36	1,890,000
2672	0	4	41.6	3.3	5	2.75	10.36	2,290,000
2673	0	4	41.6	3.3	5	2.75	10.36	2,610,000
2674	0	4	41.6	3.3	5	2.75	10.36	2,700,000
2675	0	4	41.6	3.3	5	2.75	10.36	796,000
2676	0	4	41.6	3.3	5	2.75	10.36	1,240,000
2677	0	4	41.6	3.3	5	2.75	10.36	1,720,000
2678	0	4	41.6	3.3	5	2.75	10.36	1,900,000
2679	0	4	41.6	3.3	5	2.75	10.36	276,000
2680	0	4	41.6	3.3	5	2.75	10.36	515,000
2681	0	4	41.6	3.3	5	2.75	10.36	879,000
2682	0	4	41.6	3.3	5	2.75	10.36	1,050,000
2683	0	4	41.6	3.3	5	2.75	10.36	86,700
2684	0	4	41.6	3.3	5	2.75	10.36	162,000
2685	0	4	41.6	3.3	5	2.75	10.36	311,000
2686	0	4	41.6	3.3	5	2.75	10.36	400,000
2687	0	4	41.6	3.3	5	2.75	10.36	35,600
2688	0	4	41.6	3.3	5	2.75	10.36	55,100
2689	0	4	41.6	3.3	5	2.75	10.36	95,800

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2690	0	4	41.6	3.3	5	2.75	10.36	123,000
2691	0	4	41.6	3.3	5	5.45	10.1	1,570,000
2692	0	4	41.6	3.3	5	5.45	10.1	2,140,000
2693	0	4	41.6	3.3	5	5.45	10.1	2,670,000
2694	0	4	41.6	3.3	5	5.45	10.1	2,860,000
2695	0	4	41.6	3.3	5	5.45	10.1	709,000
2696	0	4	41.6	3.3	5	5.45	10.1	1,160,000
2697	0	4	41.6	3.3	5	5.45	10.1	1,710,000
2698	0	4	41.6	3.3	5	5.45	10.1	1,930,000
2699	0	4	41.6	3.3	5	5.45	10.1	264,000
2700	0	4	41.6	3.3	5	5.45	10.1	497,000
2701	0	4	41.6	3.3	5	5.45	10.1	865,000
2702	0	4	41.6	3.3	5	5.45	10.1	1,050,000
2703	0	4	41.6	3.3	5	5.45	10.1	76,900
2704	0	4	41.6	3.3	5	5.45	10.1	147,000
2705	0	4	41.6	3.3	5	5.45	10.1	285,000
2706	0	4	41.6	3.3	5	5.45	10.1	368,000
2707	0	4	41.6	3.3	5	5.45	10.1	25,400
2708	0	4	41.6	3.3	5	5.45	10.1	40,200
2709	0	4	41.6	3.3	5	5.45	10.1	70,500
2710	0	4	41.6	3.3	5	5.45	10.1	90,200
2711	0	4	41.6	3.3	6	2.35	11.99	1,260,000
2712	0	4	41.6	3.3	6	2.35	11.99	1,850,000
2713	0	4	41.6	3.3	6	2.35	11.99	2,470,000
2714	0	4	41.6	3.3	6	2.35	11.99	2,710,000
2715	0	4	41.6	3.3	6	2.35	11.99	647,000
2716	0	4	41.6	3.3	6	2.35	11.99	1,080,000
2717	0	4	41.6	3.3	6	2.35	11.99	1,650,000
2718	0	4	41.6	3.3	6	2.35	11.99	1,890,000
2719	0	4	41.6	3.3	6	2.35	11.99	251,000
2720	0	4	41.6	3.3	6	2.35	11.99	463,000
2721	0	4	41.6	3.3	6	2.35	11.99	812,000
2722	0	4	41.6	3.3	6	2.35	11.99	993,000
2723	0	4	41.6	3.3	6	2.35	11.99	75,400
2724	0	4	41.6	3.3	6	2.35	11.99	130,000
2725	0	4	41.6	3.3	6	2.35	11.99	238,000
2726	0	4	41.6	3.3	6	2.35	11.99	305,000
2727	0	4	41.6	3.3	6	2.35	11.99	28,400
2728	0	4	41.6	3.3	6	2.35	11.99	38,300

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2729	0	4	41.6	3.3	6	2.35	11.99	57,000
2730	0	4	41.6	3.3	6	2.35	11.99	68,700
2731	0	4	41.6	3.3	6	5.9	11.66	1,460,000
2732	0	4	41.6	3.3	6	5.9	11.66	2,050,000
2733	0	4	41.6	3.3	6	5.9	11.66	2,620,000
2734	0	4	41.6	3.3	6	5.9	11.66	2,830,000
2735	0	4	41.6	3.3	6	5.9	11.66	640,000
2736	0	4	41.6	3.3	6	5.9	11.66	1,080,000
2737	0	4	41.6	3.3	6	5.9	11.66	1,630,000
2738	0	4	41.6	3.3	6	5.9	11.66	1,860,000
2739	0	4	41.6	3.3	6	5.9	11.66	244,000
2740	0	4	41.6	3.3	6	5.9	11.66	462,000
2741	0	4	41.6	3.3	6	5.9	11.66	819,000
2742	0	4	41.6	3.3	6	5.9	11.66	1,000,000
2743	0	4	41.6	3.3	6	5.9	11.66	79,000
2744	0	4	41.6	3.3	6	5.9	11.66	147,000
2745	0	4	41.6	3.3	6	5.9	11.66	283,000
2746	0	4	41.6	3.3	6	5.9	11.66	365,000
2747	0	4	41.6	3.3	6	5.9	11.66	29,700
2748	0	4	41.6	3.3	6	5.9	11.66	46,000
2749	0	4	41.6	3.3	6	5.9	11.66	79,100
2750	0	4	41.6	3.3	6	5.9	11.66	100,000
2751	0	16	32	5	5.5	6.32	11.17	5,500,000
2752	0	16	32	5	5.5	6.32	11.17	5,250,000
2753	0	16	32	5	5.5	6.32	11.17	5,030,000
2754	0	16	32	5	5.5	6.32	11.17	4,430,000
2755	0	16	32	5	5.5	6.32	11.17	4,140,000
2756	0	16	32	5	5.5	6.32	11.17	3,380,000
2757	0	16	32	5	5.5	6.32	11.17	3,970,000
2758	0	16	32	5	5.5	6.32	11.17	3,540,000
2759	0	16	32	5	5.5	6.32	11.17	3,190,000
2760	0	16	32	5	5.5	6.32	11.17	2,390,000
2761	0	16	32	5	5.5	6.32	11.17	2,060,000
2762	0	16	32	5	5.5	6.32	11.17	1,370,000
2763	0	16	32	5	5.5	6.32	11.17	1,590,000
2764	0	16	32	5	5.5	6.32	11.17	1,230,000
2765	0	16	32	5	5.5	6.32	11.17	1,000,000
2766	0	16	32	5	5.5	6.32	11.17	590,000
2767	0	16	32	5	5.5	6.32	11.17	463,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2768	0	16	32	5	5.5	6.32	11.17	261,000
2769	0	16	32	5	5.5	6.32	11.17	314,000
2770	0	16	32	5	5.5	6.32	11.17	227,000
2771	0	16	32	5	5.5	6.32	11.17	179,000
2772	0	16	32	5	5.5	6.32	11.17	106,000
2773	0	16	32	5	5.5	6.32	11.17	86,900
2774	0	16	32	5	5.5	6.32	11.17	57,600
2775	0	16	32	5	5.5	6.32	11.17	64,600
2776	0	16	32	5	5.5	6.32	11.17	52,300
2777	0	16	32	5	5.5	6.32	11.17	45,400
2778	0	16	32	5	5.5	6.32	11.17	34,600
2779	0	16	32	5	5.5	6.32	11.17	31,400
2780	0	16	32	5	5.5	6.32	11.17	26,300
2781	0	16	33	5	6.02	6.36	11.48	2,150,000
2782	0	16	33	5	6.02	6.36	11.48	2,130,000
2783	0	16	33	5	6.02	6.36	11.48	2,110,000
2784	0	16	33	5	6.02	6.36	11.48	2,040,000
2785	0	16	33	5	6.02	6.36	11.48	2,000,000
2786	0	16	33	5	6.02	6.36	11.48	1,890,000
2787	0	16	33	5	6.02	6.36	11.48	1,880,000
2788	0	16	33	5	6.02	6.36	11.48	1,800,000
2789	0	16	33	5	6.02	6.36	11.48	1,720,000
2790	0	16	33	5	6.02	6.36	11.48	1,490,000
2791	0	16	33	5	6.02	6.36	11.48	1,380,000
2792	0	16	33	5	6.02	6.36	11.48	1,080,000
2793	0	16	33	5	6.02	6.36	11.48	1,050,000
2794	0	16	33	5	6.02	6.36	11.48	873,000
2795	0	16	33	5	6.02	6.36	11.48	745,000
2796	0	16	33	5	6.02	6.36	11.48	483,000
2797	0	16	33	5	6.02	6.36	11.48	391,000
2798	0	16	33	5	6.02	6.36	11.48	232,000
2799	0	16	33	5	6.02	6.36	11.48	277,000
2800	0	16	33	5	6.02	6.36	11.48	205,000
2801	0	16	33	5	6.02	6.36	11.48	163,000
2802	0	16	33	5	6.02	6.36	11.48	99,400
2803	0	16	33	5	6.02	6.36	11.48	82,000
2804	0	16	33	5	6.02	6.36	11.48	56,100
2805	0	16	33	5	6.02	6.36	11.48	75,000
2806	0	16	33	5	6.02	6.36	11.48	60,400

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2807	0	16	33	5	6.02	6.36	11.48	52,300
2808	0	16	33	5	6.02	6.36	11.48	40,100
2809	0	16	33	5	6.02	6.36	11.48	36,600
2810	0	16	33	5	6.02	6.36	11.48	31,200
2811	0	16	33	5	5.36	6.39	10.46	4,200,000
2812	0	16	33	5	5.36	6.39	10.46	4,090,000
2813	0	16	33	5	5.36	6.39	10.46	3,990,000
2814	0	16	33	5	5.36	6.39	10.46	3,720,000
2815	0	16	33	5	5.36	6.39	10.46	3,580,000
2816	0	16	33	5	5.36	6.39	10.46	3,200,000
2817	0	16	33	5	5.36	6.39	10.46	3,140,000
2818	0	16	33	5	5.36	6.39	10.46	2,890,000
2819	0	16	33	5	5.36	6.39	10.46	2,690,000
2820	0	16	33	5	5.36	6.39	10.46	2,180,000
2821	0	16	33	5	5.36	6.39	10.46	1,950,000
2822	0	16	33	5	5.36	6.39	10.46	1,450,000
2823	0	16	33	5	5.36	6.39	10.46	1,350,000
2824	0	16	33	5	5.36	6.39	10.46	1,090,000
2825	0	16	33	5	5.36	6.39	10.46	919,000
2826	0	16	33	5	5.36	6.39	10.46	586,000
2827	0	16	33	5	5.36	6.39	10.46	475,000
2828	0	16	33	5	5.36	6.39	10.46	283,000
2829	0	16	33	5	5.36	6.39	10.46	333,000
2830	0	16	33	5	5.36	6.39	10.46	247,000
2831	0	16	33	5	5.36	6.39	10.46	197,000
2832	0	16	33	5	5.36	6.39	10.46	117,000
2833	0	16	33	5	5.36	6.39	10.46	95,000
2834	0	16	33	5	5.36	6.39	10.46	60,400
2835	0	16	33	5	5.36	6.39	10.46	87,100
2836	0	16	33	5	5.36	6.39	10.46	67,200
2837	0	16	33	5	5.36	6.39	10.46	56,000
2838	0	16	33	5	5.36	6.39	10.46	38,500
2839	0	16	33	5	5.36	6.39	10.46	33,500
2840	0	16	33	5	5.36	6.39	10.46	25,400
2841	0	16	31	5	5.89	5.88	11.67	3,340,000
2842	0	16	31	5	5.89	5.88	11.67	3,300,000
2843	0	16	31	5	5.89	5.88	11.67	3,270,000
2844	0	16	31	5	5.89	5.88	11.67	3,180,000
2845	0	16	31	5	5.89	5.88	11.67	3,120,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2846	0	16	31	5	5.89	5.88	11.67	2,960,000
2847	0	16	31	5	5.89	5.88	11.67	2,830,000
2848	0	16	31	5	5.89	5.88	11.67	2,680,000
2849	0	16	31	5	5.89	5.88	11.67	2,550,000
2850	0	16	31	5	5.89	5.88	11.67	2,210,000
2851	0	16	31	5	5.89	5.88	11.67	2,040,000
2852	0	16	31	5	5.89	5.88	11.67	1,610,000
2853	0	16	31	5	5.89	5.88	11.67	1,400,000
2854	0	16	31	5	5.89	5.88	11.67	1,150,000
2855	0	16	31	5	5.89	5.88	11.67	978,000
2856	0	16	31	5	5.89	5.88	11.67	626,000
2857	0	16	31	5	5.89	5.88	11.67	504,000
2858	0	16	31	5	5.89	5.88	11.67	295,000
2859	0	16	31	5	5.89	5.88	11.67	366,000
2860	0	16	31	5	5.89	5.88	11.67	268,000
2861	0	16	31	5	5.89	5.88	11.67	211,000
2862	0	16	31	5	5.89	5.88	11.67	123,000
2863	0	16	31	5	5.89	5.88	11.67	99,100
2864	0	16	31	5	5.89	5.88	11.67	63,200
2865	0	16	31	5	5.89	5.88	11.67	112,000
2866	0	16	31	5	5.89	5.88	11.67	85,200
2867	0	16	31	5	5.89	5.88	11.67	70,200
2868	0	16	31	5	5.89	5.88	11.67	47,800
2869	0	16	31	5	5.89	5.88	11.67	41,600
2870	0	16	31	5	5.89	5.88	11.67	32,000
2871	0	15	31	5	5.93	7.04	11.36	3,660,000
2872	0	15	31	5	5.93	7.04	11.36	3,580,000
2873	0	15	31	5	5.93	7.04	11.36	3,510,000
2874	0	15	31	5	5.93	7.04	11.36	3,320,000
2875	0	15	31	5	5.93	7.04	11.36	3,230,000
2876	0	15	31	5	5.93	7.04	11.36	2,970,000
2877	0	15	31	5	5.93	7.04	11.36	2,920,000
2878	0	15	31	5	5.93	7.04	11.36	2,750,000
2879	0	15	31	5	5.93	7.04	11.36	2,600,000
2880	0	15	31	5	5.93	7.04	11.36	2,240,000
2881	0	15	31	5	5.93	7.04	11.36	2,070,000
2882	0	15	31	5	5.93	7.04	11.36	1,670,000
2883	0	15	31	5	5.93	7.04	11.36	1,540,000
2884	0	15	31	5	5.93	7.04	11.36	1,320,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2885	0	15	31	5	5.93	7.04	11.36	1,160,000
2886	0	15	31	5	5.93	7.04	11.36	821,000
2887	0	15	31	5	5.93	7.04	11.36	698,000
2888	0	15	31	5	5.93	7.04	11.36	462,000
2889	0	15	31	5	5.93	7.04	11.36	474,000
2890	0	15	31	5	5.93	7.04	11.36	369,000
2891	0	15	31	5	5.93	7.04	11.36	304,000
2892	0	15	31	5	5.93	7.04	11.36	192,000
2893	0	15	31	5	5.93	7.04	11.36	157,000
2894	0	15	31	5	5.93	7.04	11.36	101,000
2895	0	15	31	5	5.93	7.04	11.36	123,000
2896	0	15	31	5	5.93	7.04	11.36	95,800
2897	0	15	31	5	5.93	7.04	11.36	80,100
2898	0	15	31	5	5.93	7.04	11.36	54,700
2899	0	15	31	5	5.93	7.04	11.36	47,100
2900	0	15	31	5	5.93	7.04	11.36	34,700
2901	0	16	31	5	5.08	8.2	12.15	3,400,000
2902	0	16	31	5	5.08	8.2	12.15	3,270,000
2903	0	16	31	5	5.08	8.2	12.15	3,170,000
2904	0	16	31	5	5.08	8.2	12.15	2,880,000
2905	0	16	31	5	5.08	8.2	12.15	2,750,000
2906	0	16	31	5	5.08	8.2	12.15	2,390,000
2907	0	16	31	5	5.08	8.2	12.15	2,530,000
2908	0	16	31	5	5.08	8.2	12.15	2,320,000
2909	0	16	31	5	5.08	8.2	12.15	2,160,000
2910	0	16	31	5	5.08	8.2	12.15	1,760,000
2911	0	16	31	5	5.08	8.2	12.15	1,590,000
2912	0	16	31	5	5.08	8.2	12.15	1,200,000
2913	0	16	31	5	5.08	8.2	12.15	1,220,000
2914	0	16	31	5	5.08	8.2	12.15	1,020,000
2915	0	16	31	5	5.08	8.2	12.15	875,000
2916	0	16	31	5	5.08	8.2	12.15	587,000
2917	0	16	31	5	5.08	8.2	12.15	485,000
2918	0	16	31	5	5.08	8.2	12.15	299,000
2919	0	16	31	5	5.08	8.2	12.15	389,000
2920	0	16	31	5	5.08	8.2	12.15	294,000
2921	0	16	31	5	5.08	8.2	12.15	235,000
2922	0	16	31	5	5.08	8.2	12.15	137,000
2923	0	16	31	5	5.08	8.2	12.15	107,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2924	0	16	31	5	5.08	8.2	12.15	61,500
2925	0	16	31	5	5.08	8.2	12.15	107,000
2926	0	16	31	5	5.08	8.2	12.15	77,900
2927	0	16	31	5	5.08	8.2	12.15	61,400
2928	0	16	31	5	5.08	8.2	12.15	35,800
2929	0	16	31	5	5.08	8.2	12.15	28,700
2930	0	16	31	5	5.08	8.2	12.15	17,800
2931	0	16	31	5	5.45	7.7	10.5	3,240,000
2932	0	16	31	5	5.45	7.7	10.5	3,160,000
2933	0	16	31	5	5.45	7.7	10.5	3,090,000
2934	0	16	31	5	5.45	7.7	10.5	2,900,000
2935	0	16	31	5	5.45	7.7	10.5	2,800,000
2936	0	16	31	5	5.45	7.7	10.5	2,520,000
2937	0	16	31	5	5.45	7.7	10.5	2,610,000
2938	0	16	31	5	5.45	7.7	10.5	2,440,000
2939	0	16	31	5	5.45	7.7	10.5	2,290,000
2940	0	16	31	5	5.45	7.7	10.5	1,920,000
2941	0	16	31	5	5.45	7.7	10.5	1,750,000
2942	0	16	31	5	5.45	7.7	10.5	1,350,000
2943	0	16	31	5	5.45	7.7	10.5	1,340,000
2944	0	16	31	5	5.45	7.7	10.5	1,120,000
2945	0	16	31	5	5.45	7.7	10.5	961,000
2946	0	16	31	5	5.45	7.7	10.5	639,000
2947	0	16	31	5	5.45	7.7	10.5	525,000
2948	0	16	31	5	5.45	7.7	10.5	319,000
2949	0	16	31	5	5.45	7.7	10.5	397,000
2950	0	16	31	5	5.45	7.7	10.5	296,000
2951	0	16	31	5	5.45	7.7	10.5	235,000
2952	0	16	31	5	5.45	7.7	10.5	136,000
2953	0	16	31	5	5.45	7.7	10.5	108,000
2954	0	16	31	5	5.45	7.7	10.5	64,500
2955	0	16	31	5	5.45	7.7	10.5	101,000
2956	0	16	31	5	5.45	7.7	10.5	75,400
2957	0	16	31	5	5.45	7.7	10.5	60,800
2958	0	16	31	5	5.45	7.7	10.5	38,600
2959	0	16	31	5	5.45	7.7	10.5	32,400
2960	0	16	31	5	5.45	7.7	10.5	22,800
2961	0	16	31	5	5.83	5.6	11.99	3,110,000
2962	0	16	31	5	5.83	5.6	11.99	3,030,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
2963	0	16	31	5	5.83	5.6	11.99	2,950,000
2964	0	16	31	5	5.83	5.6	11.99	2,750,000
2965	0	16	31	5	5.83	5.6	11.99	2,650,000
2966	0	16	31	5	5.83	5.6	11.99	2,370,000
2967	0	16	31	5	5.83	5.6	11.99	2,430,000
2968	0	16	31	5	5.83	5.6	11.99	2,250,000
2969	0	16	31	5	5.83	5.6	11.99	2,110,000
2970	0	16	31	5	5.83	5.6	11.99	1,760,000
2971	0	16	31	5	5.83	5.6	11.99	1,600,000
2972	0	16	31	5	5.83	5.6	11.99	1,230,000
2973	0	16	31	5	5.83	5.6	11.99	1,190,000
2974	0	16	31	5	5.83	5.6	11.99	991,000
2975	0	16	31	5	5.83	5.6	11.99	851,000
2976	0	16	31	5	5.83	5.6	11.99	568,000
2977	0	16	31	5	5.83	5.6	11.99	468,000
2978	0	16	31	5	5.83	5.6	11.99	287,000
2979	0	16	31	5	5.83	5.6	11.99	354,000
2980	0	16	31	5	5.83	5.6	11.99	265,000
2981	0	16	31	5	5.83	5.6	11.99	212,000
2982	0	16	31	5	5.83	5.6	11.99	123,000
2983	0	16	31	5	5.83	5.6	11.99	97,600
2984	0	16	31	5	5.83	5.6	11.99	57,600
2985	0	16	31	5	5.83	5.6	11.99	95,000
2986	0	16	31	5	5.83	5.6	11.99	70,200
2987	0	16	31	5	5.83	5.6	11.99	56,200
2988	0	16	31	5	5.83	5.6	11.99	34,700
2989	0	16	31	5	5.83	5.6	11.99	28,600
2990	0	16	31	5	5.83	5.6	11.99	19,300
2991	0	15	31	5	6.66	6.52	12.72	4,150,000
2992	0	15	31	5	6.66	6.52	12.72	4,050,000
2993	0	15	31	5	6.66	6.52	12.72	3,960,000
2994	0	15	31	5	6.66	6.52	12.72	3,710,000
2995	0	15	31	5	6.66	6.52	12.72	3,580,000
2996	0	15	31	5	6.66	6.52	12.72	3,240,000
2997	0	15	31	5	6.66	6.52	12.72	3,210,000
2998	0	15	31	5	6.66	6.52	12.72	2,980,000
2999	0	15	31	5	6.66	6.52	12.72	2,800,000
3000	0	15	31	5	6.66	6.52	12.72	2,350,000
3001	0	15	31	5	6.66	6.52	12.72	2,140,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3002	0	15	31	5	6.66	6.52	12.72	1,670,000
3003	0	15	31	5	6.66	6.52	12.72	1,490,000
3004	0	15	31	5	6.66	6.52	12.72	1,240,000
3005	0	15	31	5	6.66	6.52	12.72	1,070,000
3006	0	15	31	5	6.66	6.52	12.72	723,000
3007	0	15	31	5	6.66	6.52	12.72	601,000
3008	0	15	31	5	6.66	6.52	12.72	382,000
3009	0	15	31	5	6.66	6.52	12.72	357,000
3010	0	15	31	5	6.66	6.52	12.72	272,000
3011	0	15	31	5	6.66	6.52	12.72	221,000
3012	0	15	31	5	6.66	6.52	12.72	138,000
3013	0	15	31	5	6.66	6.52	12.72	114,000
3014	0	15	31	5	6.66	6.52	12.72	74,400
3015	0	15	31	5	6.66	6.52	12.72	77,600
3016	0	15	31	5	6.66	6.52	12.72	62,200
3017	0	15	31	5	6.66	6.52	12.72	53,300
3018	0	15	31	5	6.66	6.52	12.72	38,700
3019	0	15	31	5	6.66	6.52	12.72	34,400
3020	0	15	31	5	6.66	6.52	12.72	27,200
3021	0	16	31	5	6.06	6.3	11.9	2,660,000
3022	0	16	31	5	6.06	6.3	11.9	2,570,000
3023	0	16	31	5	6.06	6.3	11.9	2,490,000
3024	0	16	31	5	6.06	6.3	11.9	2,280,000
3025	0	16	31	5	6.06	6.3	11.9	2,170,000
3026	0	16	31	5	6.06	6.3	11.9	1,900,000
3027	0	16	31	5	6.06	6.3	11.9	1,900,000
3028	0	16	31	5	6.06	6.3	11.9	1,730,000
3029	0	16	31	5	6.06	6.3	11.9	1,590,000
3030	0	16	31	5	6.06	6.3	11.9	1,260,000
3031	0	16	31	5	6.06	6.3	11.9	1,120,000
3032	0	16	31	5	6.06	6.3	11.9	818,000
3033	0	16	31	5	6.06	6.3	11.9	732,000
3034	0	16	31	5	6.06	6.3	11.9	586,000
3035	0	16	31	5	6.06	6.3	11.9	489,000
3036	0	16	31	5	6.06	6.3	11.9	307,000
3037	0	16	31	5	6.06	6.3	11.9	248,000
3038	0	16	31	5	6.06	6.3	11.9	147,000
3039	0	16	31	5	6.06	6.3	11.9	171,000
3040	0	16	31	5	6.06	6.3	11.9	126,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3041	0	16	31	5	6.06	6.3	11.9	100,000
3042	0	16	31	5	6.06	6.3	11.9	59,900
3043	0	16	31	5	6.06	6.3	11.9	48,400
3044	0	16	31	5	6.06	6.3	11.9	30,600
3045	0	16	31	5	6.06	6.3	11.9	45,200
3046	0	16	31	5	6.06	6.3	11.9	34,700
3047	0	16	31	5	6.06	6.3	11.9	28,800
3048	0	16	31	5	6.06	6.3	11.9	19,500
3049	0	16	31	5	6.06	6.3	11.9	16,800
3050	0	16	31	5	6.06	6.3	11.9	12,500
3051	0	15	30	5	6.31	5.16	12.33	3,790,000
3052	0	15	30	5	6.31	5.16	12.33	3,660,000
3053	0	15	30	5	6.31	5.16	12.33	3,550,000
3054	0	15	30	5	6.31	5.16	12.33	3,250,000
3055	0	15	30	5	6.31	5.16	12.33	3,100,000
3056	0	15	30	5	6.31	5.16	12.33	2,720,000
3057	0	15	30	5	6.31	5.16	12.33	2,670,000
3058	0	15	30	5	6.31	5.16	12.33	2,430,000
3059	0	15	30	5	6.31	5.16	12.33	2,240,000
3060	0	15	30	5	6.31	5.16	12.33	1,790,000
3061	0	15	30	5	6.31	5.16	12.33	1,600,000
3062	0	15	30	5	6.31	5.16	12.33	1,180,000
3063	0	15	30	5	6.31	5.16	12.33	1,090,000
3064	0	15	30	5	6.31	5.16	12.33	884,000
3065	0	15	30	5	6.31	5.16	12.33	747,000
3066	0	15	30	5	6.31	5.16	12.33	489,000
3067	0	15	30	5	6.31	5.16	12.33	402,000
3068	0	15	30	5	6.31	5.16	12.33	252,000
3069	0	15	30	5	6.31	5.16	12.33	274,000
3070	0	15	30	5	6.31	5.16	12.33	209,000
3071	0	15	30	5	6.31	5.16	12.33	170,000
3072	0	15	30	5	6.31	5.16	12.33	107,000
3073	0	15	30	5	6.31	5.16	12.33	88,800
3074	0	15	30	5	6.31	5.16	12.33	59,100
3075	0	15	30	5	6.31	5.16	12.33	75,200
3076	0	15	30	5	6.31	5.16	12.33	59,900
3077	0	15	30	5	6.31	5.16	12.33	51,000
3078	0	15	30	5	6.31	5.16	12.33	36,600
3079	0	15	30	5	6.31	5.16	12.33	32,300

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3080	0	15	30	5	6.31	5.16	12.33	25,200
3081	0	15	31	5	5.35	6.5	11.02	2,400,000
3082	0	15	31	5	5.35	6.5	11.02	2,340,000
3083	0	15	31	5	5.35	6.5	11.02	2,280,000
3084	0	15	31	5	5.35	6.5	11.02	2,120,000
3085	0	15	31	5	5.35	6.5	11.02	2,030,000
3086	0	15	31	5	5.35	6.5	11.02	1,800,000
3087	0	15	31	5	5.35	6.5	11.02	1,960,000
3088	0	15	31	5	5.35	6.5	11.02	1,820,000
3089	0	15	31	5	5.35	6.5	11.02	1,710,000
3090	0	15	31	5	5.35	6.5	11.02	1,410,000
3091	0	15	31	5	5.35	6.5	11.02	1,280,000
3092	0	15	31	5	5.35	6.5	11.02	958,000
3093	0	15	31	5	5.35	6.5	11.02	1,050,000
3094	0	15	31	5	5.35	6.5	11.02	867,000
3095	0	15	31	5	5.35	6.5	11.02	740,000
3096	0	15	31	5	5.35	6.5	11.02	482,000
3097	0	15	31	5	5.35	6.5	11.02	392,000
3098	0	15	31	5	5.35	6.5	11.02	231,000
3099	0	15	31	5	5.35	6.5	11.02	319,000
3100	0	15	31	5	5.35	6.5	11.02	235,000
3101	0	15	31	5	5.35	6.5	11.02	185,000
3102	0	15	31	5	5.35	6.5	11.02	105,000
3103	0	15	31	5	5.35	6.5	11.02	82,900
3104	0	15	31	5	5.35	6.5	11.02	49,100
3105	0	15	31	5	5.35	6.5	11.02	79,400
3106	0	15	31	5	5.35	6.5	11.02	58,700
3107	0	15	31	5	5.35	6.5	11.02	47,300
3108	0	15	31	5	5.35	6.5	11.02	30,200
3109	0	15	31	5	5.35	6.5	11.02	25,500
3110	0	15	31	5	5.35	6.5	11.02	18,300
3111	0	19	48	4.3	5.04	7.08	8.94	2,760,000
3112	0	19	48	4.3	5.04	7.08	8.94	2,730,000
3113	0	19	48	4.3	5.04	7.08	8.94	2,700,000
3114	0	19	48	4.3	5.04	7.08	8.94	2,620,000
3115	0	19	48	4.3	5.04	7.08	8.94	2,580,000
3116	0	19	48	4.3	5.04	7.08	8.94	2,460,000
3117	0	19	48	4.3	5.04	7.08	8.94	2,350,000
3118	0	19	48	4.3	5.04	7.08	8.94	2,250,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3119	0	19	48	4.3	5.04	7.08	8.94	2,170,000
3120	0	19	48	4.3	5.04	7.08	8.94	1,940,000
3121	0	19	48	4.3	5.04	7.08	8.94	1,830,000
3122	0	19	48	4.3	5.04	7.08	8.94	1,550,000
3123	0	19	48	4.3	5.04	7.08	8.94	1,350,000
3124	0	19	48	4.3	5.04	7.08	8.94	1,180,000
3125	0	19	48	4.3	5.04	7.08	8.94	1,050,000
3126	0	19	48	4.3	5.04	7.08	8.94	769,000
3127	0	19	48	4.3	5.04	7.08	8.94	659,000
3128	0	19	48	4.3	5.04	7.08	8.94	443,000
3129	0	19	48	4.3	5.04	7.08	8.94	464,000
3130	0	19	48	4.3	5.04	7.08	8.94	363,000
3131	0	19	48	4.3	5.04	7.08	8.94	299,000
3132	0	19	48	4.3	5.04	7.08	8.94	188,000
3133	0	19	48	4.3	5.04	7.08	8.94	154,000
3134	0	19	48	4.3	5.04	7.08	8.94	97,100
3135	0	19	48	4.3	5.04	7.08	8.94	145,000
3136	0	19	48	4.3	5.04	7.08	8.94	112,000
3137	0	19	48	4.3	5.04	7.08	8.94	92,100
3138	0	19	48	4.3	5.04	7.08	8.94	60,600
3139	0	19	48	4.3	5.04	7.08	8.94	51,400
3140	0	19	48	4.3	5.04	7.08	8.94	36,600
3141	0	10	34	7.6	7.75	5.29	9.76	3,400,000
3142	0	10	34	7.6	7.75	5.29	9.76	3,340,000
3143	0	10	34	7.6	7.75	5.29	9.76	3,290,000
3144	0	10	34	7.6	7.75	5.29	9.76	3,130,000
3145	0	10	34	7.6	7.75	5.29	9.76	3,040,000
3146	0	10	34	7.6	7.75	5.29	9.76	2,780,000
3147	0	10	34	7.6	7.75	5.29	9.76	2,760,000
3148	0	10	34	7.6	7.75	5.29	9.76	2,570,000
3149	0	10	34	7.6	7.75	5.29	9.76	2,420,000
3150	0	10	34	7.6	7.75	5.29	9.76	2,000,000
3151	0	10	34	7.6	7.75	5.29	9.76	1,810,000
3152	0	10	34	7.6	7.75	5.29	9.76	1,350,000
3153	0	10	34	7.6	7.75	5.29	9.76	1,310,000
3154	0	10	34	7.6	7.75	5.29	9.76	1,060,000
3155	0	10	34	7.6	7.75	5.29	9.76	893,000
3156	0	10	34	7.6	7.75	5.29	9.76	566,000
3157	0	10	34	7.6	7.75	5.29	9.76	458,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3158	0	10	34	7.6	7.75	5.29	9.76	276,000
3159	0	10	34	7.6	7.75	5.29	9.76	353,000
3160	0	10	34	7.6	7.75	5.29	9.76	264,000
3161	0	10	34	7.6	7.75	5.29	9.76	213,000
3162	0	10	34	7.6	7.75	5.29	9.76	134,000
3163	0	10	34	7.6	7.75	5.29	9.76	112,000
3164	0	10	34	7.6	7.75	5.29	9.76	77,900
3165	0	10	34	7.6	7.75	5.29	9.76	114,000
3166	0	10	34	7.6	7.75	5.29	9.76	91,600
3167	0	10	34	7.6	7.75	5.29	9.76	79,100
3168	0	10	34	7.6	7.75	5.29	9.76	59,600
3169	0	10	34	7.6	7.75	5.29	9.76	54,000
3170	0	10	34	7.6	7.75	5.29	9.76	45,100
3171	0	9	32	6.5	7.57	5.93	8.26	3,220,000
3172	0	9	32	6.5	7.57	5.93	8.26	3,220,000
3173	0	9	32	6.5	7.57	5.93	8.26	3,220,000
3174	0	9	32	6.5	7.57	5.93	8.26	3,210,000
3175	0	9	32	6.5	7.57	5.93	8.26	3,210,000
3176	0	9	32	6.5	7.57	5.93	8.26	3,200,000
3177	0	9	32	6.5	7.57	5.93	8.26	3,140,000
3178	0	9	32	6.5	7.57	5.93	8.26	3,120,000
3179	0	9	32	6.5	7.57	5.93	8.26	3,090,000
3180	0	9	32	6.5	7.57	5.93	8.26	2,990,000
3181	0	9	32	6.5	7.57	5.93	8.26	2,940,000
3182	0	9	32	6.5	7.57	5.93	8.26	2,750,000
3183	0	9	32	6.5	7.57	5.93	8.26	2,200,000
3184	0	9	32	6.5	7.57	5.93	8.26	1,950,000
3185	0	9	32	6.5	7.57	5.93	8.26	1,740,000
3186	0	9	32	6.5	7.57	5.93	8.26	1,230,000
3187	0	9	32	6.5	7.57	5.93	8.26	1,020,000
3188	0	9	32	6.5	7.57	5.93	8.26	605,000
3189	0	9	32	6.5	7.57	5.93	8.26	453,000
3190	0	9	32	6.5	7.57	5.93	8.26	320,000
3191	0	9	32	6.5	7.57	5.93	8.26	246,000
3192	0	9	32	6.5	7.57	5.93	8.26	139,000
3193	0	9	32	6.5	7.57	5.93	8.26	112,000
3194	0	9	32	6.5	7.57	5.93	8.26	74,200
3195	0	9	32	6.5	7.57	5.93	8.26	100,000
3196	0	9	32	6.5	7.57	5.93	8.26	79,400

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3197	0	9	32	6.5	7.57	5.93	8.26	68,300
3198	0	9	32	6.5	7.57	5.93	8.26	52,400
3199	0	9	32	6.5	7.57	5.93	8.26	48,100
3200	0	9	32	6.5	7.57	5.93	8.26	41,800
3201	0	16	48	8.3	6.42	6.22	6.78	5,680,000
3202	0	16	48	8.3	6.42	6.22	6.78	5,650,000
3203	0	16	48	8.3	6.42	6.22	6.78	5,630,000
3204	0	16	48	8.3	6.42	6.22	6.78	5,560,000
3205	0	16	48	8.3	6.42	6.22	6.78	5,520,000
3206	0	16	48	8.3	6.42	6.22	6.78	5,390,000
3207	0	16	48	8.3	6.42	6.22	6.78	5,140,000
3208	0	16	48	8.3	6.42	6.22	6.78	4,990,000
3209	0	16	48	8.3	6.42	6.22	6.78	4,850,000
3210	0	16	48	8.3	6.42	6.22	6.78	4,460,000
3211	0	16	48	8.3	6.42	6.22	6.78	4,250,000
3212	0	16	48	8.3	6.42	6.22	6.78	3,670,000
3213	0	16	48	8.3	6.42	6.22	6.78	3,000,000
3214	0	16	48	8.3	6.42	6.22	6.78	2,590,000
3215	0	16	48	8.3	6.42	6.22	6.78	2,270,000
3216	0	16	48	8.3	6.42	6.22	6.78	1,570,000
3217	0	16	48	8.3	6.42	6.22	6.78	1,310,000
3218	0	16	48	8.3	6.42	6.22	6.78	804,000
3219	0	16	48	8.3	6.42	6.22	6.78	845,000
3220	0	16	48	8.3	6.42	6.22	6.78	624,000
3221	0	16	48	8.3	6.42	6.22	6.78	492,000
3222	0	16	48	8.3	6.42	6.22	6.78	281,000
3223	0	16	48	8.3	6.42	6.22	6.78	221,000
3224	0	16	48	8.3	6.42	6.22	6.78	133,000
3225	0	16	48	8.3	6.42	6.22	6.78	244,000
3226	0	16	48	8.3	6.42	6.22	6.78	180,000
3227	0	16	48	8.3	6.42	6.22	6.78	145,000
3228	0	16	48	8.3	6.42	6.22	6.78	92,300
3229	0	16	48	8.3	6.42	6.22	6.78	78,100
3230	0	16	48	8.3	6.42	6.22	6.78	56,500
3231	0	17	48	7.8	7.1	6.08	8.72	4,400,000
3232	0	17	48	7.8	7.1	6.08	8.72	4,300,000
3233	0	17	48	7.8	7.1	6.08	8.72	4,210,000
3234	0	17	48	7.8	7.1	6.08	8.72	3,950,000
3235	0	17	48	7.8	7.1	6.08	8.72	3,820,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3236	0	17	48	7.8	7.1	6.08	8.72	3,470,000
3237	0	17	48	7.8	7.1	6.08	8.72	3,450,000
3238	0	17	48	7.8	7.1	6.08	8.72	3,220,000
3239	0	17	48	7.8	7.1	6.08	8.72	3,030,000
3240	0	17	48	7.8	7.1	6.08	8.72	2,560,000
3241	0	17	48	7.8	7.1	6.08	8.72	2,350,000
3242	0	17	48	7.8	7.1	6.08	8.72	1,860,000
3243	0	17	48	7.8	7.1	6.08	8.72	1,820,000
3244	0	17	48	7.8	7.1	6.08	8.72	1,550,000
3245	0	17	48	7.8	7.1	6.08	8.72	1,350,000
3246	0	17	48	7.8	7.1	6.08	8.72	954,000
3247	0	17	48	7.8	7.1	6.08	8.72	809,000
3248	0	17	48	7.8	7.1	6.08	8.72	536,000
3249	0	17	48	7.8	7.1	6.08	8.72	650,000
3250	0	17	48	7.8	7.1	6.08	8.72	512,000
3251	0	17	48	7.8	7.1	6.08	8.72	424,000
3252	0	17	48	7.8	7.1	6.08	8.72	274,000
3253	0	17	48	7.8	7.1	6.08	8.72	227,000
3254	0	17	48	7.8	7.1	6.08	8.72	149,000
3255	0	17	48	7.8	7.1	6.08	8.72	227,000
3256	0	17	48	7.8	7.1	6.08	8.72	178,000
3257	0	17	48	7.8	7.1	6.08	8.72	150,000
3258	0	17	48	7.8	7.1	6.08	8.72	102,000
3259	0	17	48	7.8	7.1	6.08	8.72	88,100
3260	0	17	48	7.8	7.1	6.08	8.72	64,800
3261	0	30	54	6.3	4.06	7.02	7.98	4,420,000
3262	0	30	54	6.3	4.06	7.02	7.98	4,380,000
3263	0	30	54	6.3	4.06	7.02	7.98	4,350,000
3264	0	30	54	6.3	4.06	7.02	7.98	4,260,000
3265	0	30	54	6.3	4.06	7.02	7.98	4,210,000
3266	0	30	54	6.3	4.06	7.02	7.98	4,060,000
3267	0	30	54	6.3	4.06	7.02	7.98	3,930,000
3268	0	30	54	6.3	4.06	7.02	7.98	3,790,000
3269	0	30	54	6.3	4.06	7.02	7.98	3,670,000
3270	0	30	54	6.3	4.06	7.02	7.98	3,340,000
3271	0	30	54	6.3	4.06	7.02	7.98	3,180,000
3272	0	30	54	6.3	4.06	7.02	7.98	2,730,000
3273	0	30	54	6.3	4.06	7.02	7.98	2,400,000
3274	0	30	54	6.3	4.06	7.02	7.98	2,100,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3275	0	30	54	6.3	4.06	7.02	7.98	1,870,000
3276	0	30	54	6.3	4.06	7.02	7.98	1,360,000
3277	0	30	54	6.3	4.06	7.02	7.98	1,160,000
3278	0	30	54	6.3	4.06	7.02	7.98	755,000
3279	0	30	54	6.3	4.06	7.02	7.98	756,000
3280	0	30	54	6.3	4.06	7.02	7.98	576,000
3281	0	30	54	6.3	4.06	7.02	7.98	464,000
3282	0	30	54	6.3	4.06	7.02	7.98	274,000
3283	0	30	54	6.3	4.06	7.02	7.98	218,000
3284	0	30	54	6.3	4.06	7.02	7.98	130,000
3285	0	30	54	6.3	4.06	7.02	7.98	184,000
3286	0	30	54	6.3	4.06	7.02	7.98	137,000
3287	0	30	54	6.3	4.06	7.02	7.98	111,000
3288	0	30	54	6.3	4.06	7.02	7.98	71,000
3289	0	30	54	6.3	4.06	7.02	7.98	59,900
3290	0	30	54	6.3	4.06	7.02	7.98	42,600
3291	0	27	68	11.8	5.53	5.36	11.74	4,680,000
3292	0	27	68	11.8	5.53	5.36	11.74	4,570,000
3293	0	27	68	11.8	5.53	5.36	11.74	4,470,000
3294	0	27	68	11.8	5.53	5.36	11.74	4,210,000
3295	0	27	68	11.8	5.53	5.36	11.74	4,080,000
3296	0	27	68	11.8	5.53	5.36	11.74	3,730,000
3297	0	27	68	11.8	5.53	5.36	11.74	3,690,000
3298	0	27	68	11.8	5.53	5.36	11.74	3,450,000
3299	0	27	68	11.8	5.53	5.36	11.74	3,260,000
3300	0	27	68	11.8	5.53	5.36	11.74	2,770,000
3301	0	27	68	11.8	5.53	5.36	11.74	2,550,000
3302	0	27	68	11.8	5.53	5.36	11.74	2,020,000
3303	0	27	68	11.8	5.53	5.36	11.74	1,930,000
3304	0	27	68	11.8	5.53	5.36	11.74	1,640,000
3305	0	27	68	11.8	5.53	5.36	11.74	1,430,000
3306	0	27	68	11.8	5.53	5.36	11.74	1,010,000
3307	0	27	68	11.8	5.53	5.36	11.74	850,000
3308	0	27	68	11.8	5.53	5.36	11.74	556,000
3309	0	27	68	11.8	5.53	5.36	11.74	633,000
3310	0	27	68	11.8	5.53	5.36	11.74	492,000
3311	0	27	68	11.8	5.53	5.36	11.74	404,000
3312	0	27	68	11.8	5.53	5.36	11.74	253,000
3313	0	27	68	11.8	5.53	5.36	11.74	207,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3314	0	27	68	11.8	5.53	5.36	11.74	131,000
3315	0	27	68	11.8	5.53	5.36	11.74	187,000
3316	0	27	68	11.8	5.53	5.36	11.74	144,000
3317	0	27	68	11.8	5.53	5.36	11.74	119,000
3318	0	27	68	11.8	5.53	5.36	11.74	79,400
3319	0	27	68	11.8	5.53	5.36	11.74	67,600
3320	0	27	68	11.8	5.53	5.36	11.74	48,500
3321	0	26	70	11.5	6.74	7.87	10.41	3,620,000
3322	0	26	70	11.5	6.74	7.87	10.41	3,570,000
3323	0	26	70	11.5	6.74	7.87	10.41	3,520,000
3324	0	26	70	11.5	6.74	7.87	10.41	3,380,000
3325	0	26	70	11.5	6.74	7.87	10.41	3,310,000
3326	0	26	70	11.5	6.74	7.87	10.41	3,090,000
3327	0	26	70	11.5	6.74	7.87	10.41	3,060,000
3328	0	26	70	11.5	6.74	7.87	10.41	2,910,000
3329	0	26	70	11.5	6.74	7.87	10.41	2,770,000
3330	0	26	70	11.5	6.74	7.87	10.41	2,410,000
3331	0	26	70	11.5	6.74	7.87	10.41	2,230,000
3332	0	26	70	11.5	6.74	7.87	10.41	1,790,000
3333	0	26	70	11.5	6.74	7.87	10.41	1,690,000
3334	0	26	70	11.5	6.74	7.87	10.41	1,430,000
3335	0	26	70	11.5	6.74	7.87	10.41	1,240,000
3336	0	26	70	11.5	6.74	7.87	10.41	844,000
3337	0	26	70	11.5	6.74	7.87	10.41	698,000
3338	0	26	70	11.5	6.74	7.87	10.41	430,000
3339	0	26	70	11.5	6.74	7.87	10.41	488,000
3340	0	26	70	11.5	6.74	7.87	10.41	365,000
3341	0	26	70	11.5	6.74	7.87	10.41	291,000
3342	0	26	70	11.5	6.74	7.87	10.41	171,000
3343	0	26	70	11.5	6.74	7.87	10.41	137,000
3344	0	26	70	11.5	6.74	7.87	10.41	84,400
3345	0	26	70	11.5	6.74	7.87	10.41	118,000
3346	0	26	70	11.5	6.74	7.87	10.41	89,900
3347	0	26	70	11.5	6.74	7.87	10.41	74,200
3348	0	26	70	11.5	6.74	7.87	10.41	50,000
3349	0	26	70	11.5	6.74	7.87	10.41	43,200
3350	0	26	70	11.5	6.74	7.87	10.41	32,600
3351	0	31	54	5.5	4.71	6.35	6.59	3,280,000
3352	0	31	54	5.5	4.71	6.35	6.59	3,220,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3353	0	31	54	5.5	4.71	6.35	6.59	3,180,000
3354	0	31	54	5.5	4.71	6.35	6.59	3,040,000
3355	0	31	54	5.5	4.71	6.35	6.59	2,970,000
3356	0	31	54	5.5	4.71	6.35	6.59	2,770,000
3357	0	31	54	5.5	4.71	6.35	6.59	2,750,000
3358	0	31	54	5.5	4.71	6.35	6.59	2,610,000
3359	0	31	54	5.5	4.71	6.35	6.59	2,490,000
3360	0	31	54	5.5	4.71	6.35	6.59	2,180,000
3361	0	31	54	5.5	4.71	6.35	6.59	2,030,000
3362	0	31	54	5.5	4.71	6.35	6.59	1,670,000
3363	0	31	54	5.5	4.71	6.35	6.59	1,590,000
3364	0	31	54	5.5	4.71	6.35	6.59	1,380,000
3365	0	31	54	5.5	4.71	6.35	6.59	1,220,000
3366	0	31	54	5.5	4.71	6.35	6.59	875,000
3367	0	31	54	5.5	4.71	6.35	6.59	745,000
3368	0	31	54	5.5	4.71	6.35	6.59	491,000
3369	0	31	54	5.5	4.71	6.35	6.59	556,000
3370	0	31	54	5.5	4.71	6.35	6.59	432,000
3371	0	31	54	5.5	4.71	6.35	6.59	355,000
3372	0	31	54	5.5	4.71	6.35	6.59	220,000
3373	0	31	54	5.5	4.71	6.35	6.59	179,000
3374	0	31	54	5.5	4.71	6.35	6.59	112,000
3375	0	31	54	5.5	4.71	6.35	6.59	160,000
3376	0	31	54	5.5	4.71	6.35	6.59	122,000
3377	0	31	54	5.5	4.71	6.35	6.59	101,000
3378	0	31	54	5.5	4.71	6.35	6.59	66,100
3379	0	31	54	5.5	4.71	6.35	6.59	56,100
3380	0	31	54	5.5	4.71	6.35	6.59	40,100
3381	0	18	37	7	4.44	5.98	7.41	7,840,000
3382	0	18	37	7	4.44	5.98	7.41	7,820,000
3383	0	18	37	7	4.44	5.98	7.41	7,790,000
3384	0	18	37	7	4.44	5.98	7.41	7,720,000
3385	0	18	37	7	4.44	5.98	7.41	7,680,000
3386	0	18	37	7	4.44	5.98	7.41	7,560,000
3387	0	18	37	7	4.44	5.98	7.41	7,300,000
3388	0	18	37	7	4.44	5.98	7.41	7,140,000
3389	0	18	37	7	4.44	5.98	7.41	6,990,000
3390	0	18	37	7	4.44	5.98	7.41	6,560,000
3391	0	18	37	7	4.44	5.98	7.41	6,330,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3392	0	18	37	7	4.44	5.98	7.41	5,660,000
3393	0	18	37	7	4.44	5.98	7.41	4,710,000
3394	0	18	37	7	4.44	5.98	7.41	4,170,000
3395	0	18	37	7	4.44	5.98	7.41	3,730,000
3396	0	18	37	7	4.44	5.98	7.41	2,730,000
3397	0	18	37	7	4.44	5.98	7.41	2,320,000
3398	0	18	37	7	4.44	5.98	7.41	1,500,000
3399	0	18	37	7	4.44	5.98	7.41	1,400,000
3400	0	18	37	7	4.44	5.98	7.41	1,060,000
3401	0	18	37	7	4.44	5.98	7.41	842,000
3402	0	18	37	7	4.44	5.98	7.41	492,000
3403	0	18	37	7	4.44	5.98	7.41	392,000
3404	0	18	37	7	4.44	5.98	7.41	239,000
3405	0	18	37	7	4.44	5.98	7.41	362,000
3406	0	18	37	7	4.44	5.98	7.41	272,000
3407	0	18	37	7	4.44	5.98	7.41	223,000
3408	0	18	37	7	4.44	5.98	7.41	148,000
3409	0	18	37	7	4.44	5.98	7.41	127,000
3410	0	18	37	7	4.44	5.98	7.41	95,500
3411	0	20	32	6.6	5.21	6.51	7.93	2,760,000
3412	0	20	32	6.6	5.21	6.51	7.93	2,730,000
3413	0	20	32	6.6	5.21	6.51	7.93	2,700,000
3414	0	20	32	6.6	5.21	6.51	7.93	2,620,000
3415	0	20	32	6.6	5.21	6.51	7.93	2,580,000
3416	0	20	32	6.6	5.21	6.51	7.93	2,460,000
3417	0	20	32	6.6	5.21	6.51	7.93	2,350,000
3418	0	20	32	6.6	5.21	6.51	7.93	2,250,000
3419	0	20	32	6.6	5.21	6.51	7.93	2,170,000
3420	0	20	32	6.6	5.21	6.51	7.93	1,940,000
3421	0	20	32	6.6	5.21	6.51	7.93	1,830,000
3422	0	20	32	6.6	5.21	6.51	7.93	1,550,000
3423	0	20	32	6.6	5.21	6.51	7.93	1,350,000
3424	0	20	32	6.6	5.21	6.51	7.93	1,180,000
3425	0	20	32	6.6	5.21	6.51	7.93	1,050,000
3426	0	20	32	6.6	5.21	6.51	7.93	769,000
3427	0	20	32	6.6	5.21	6.51	7.93	659,000
3428	0	20	32	6.6	5.21	6.51	7.93	443,000
3429	0	20	32	6.6	5.21	6.51	7.93	464,000
3430	0	20	32	6.6	5.21	6.51	7.93	363,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3431	0	20	32	6.6	5.21	6.51	7.93	299,000
3432	0	20	32	6.6	5.21	6.51	7.93	188,000
3433	0	20	32	6.6	5.21	6.51	7.93	154,000
3434	0	20	32	6.6	5.21	6.51	7.93	97,100
3435	0	20	32	6.6	5.21	6.51	7.93	145,000
3436	0	20	32	6.6	5.21	6.51	7.93	112,000
3437	0	20	32	6.6	5.21	6.51	7.93	92,100
3438	0	20	32	6.6	5.21	6.51	7.93	60,600
3439	0	20	32	6.6	5.21	6.51	7.93	51,400
3440	0	20	32	6.6	5.21	6.51	7.93	36,600
3441	0	7	39	3.5	6.63	7.29	8.23	4,900,000
3442	0	7	39	3.5	6.63	7.29	8.23	4,810,000
3443	0	7	39	3.5	6.63	7.29	8.23	4,740,000
3444	0	7	39	3.5	6.63	7.29	8.23	4,520,000
3445	0	7	39	3.5	6.63	7.29	8.23	4,410,000
3446	0	7	39	3.5	6.63	7.29	8.23	4,120,000
3447	0	7	39	3.5	6.63	7.29	8.23	3,960,000
3448	0	7	39	3.5	6.63	7.29	8.23	3,750,000
3449	0	7	39	3.5	6.63	7.29	8.23	3,580,000
3450	0	7	39	3.5	6.63	7.29	8.23	3,150,000
3451	0	7	39	3.5	6.63	7.29	8.23	2,950,000
3452	0	7	39	3.5	6.63	7.29	8.23	2,460,000
3453	0	7	39	3.5	6.63	7.29	8.23	2,140,000
3454	0	7	39	3.5	6.63	7.29	8.23	1,860,000
3455	0	7	39	3.5	6.63	7.29	8.23	1,650,000
3456	0	7	39	3.5	6.63	7.29	8.23	1,210,000
3457	0	7	39	3.5	6.63	7.29	8.23	1,040,000
3458	0	7	39	3.5	6.63	7.29	8.23	704,000
3459	0	7	39	3.5	6.63	7.29	8.23	659,000
3460	0	7	39	3.5	6.63	7.29	8.23	515,000
3461	0	7	39	3.5	6.63	7.29	8.23	424,000
3462	0	7	39	3.5	6.63	7.29	8.23	263,000
3463	0	7	39	3.5	6.63	7.29	8.23	213,000
3464	0	7	39	3.5	6.63	7.29	8.23	131,000
3465	0	7	39	3.5	6.63	7.29	8.23	153,000
3466	0	7	39	3.5	6.63	7.29	8.23	116,000
3467	0	7	39	3.5	6.63	7.29	8.23	94,500
3468	0	7	39	3.5	6.63	7.29	8.23	59,800
3469	0	7	39	3.5	6.63	7.29	8.23	49,600

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3470	0	7	39	3.5	6.63	7.29	8.23	33,400
3471	5	39	62	3.9	4.75	5.7	9.43	5,190,000
3472	5	39	62	3.9	4.75	5.7	9.43	5,160,000
3473	5	39	62	3.9	4.75	5.7	9.43	5,130,000
3474	5	39	62	3.9	4.75	5.7	9.43	5,050,000
3475	5	39	62	3.9	4.75	5.7	9.43	5,000,000
3476	5	39	62	3.9	4.75	5.7	9.43	4,870,000
3477	5	39	62	3.9	4.75	5.7	9.43	4,620,000
3478	5	39	62	3.9	4.75	5.7	9.43	4,470,000
3479	5	39	62	3.9	4.75	5.7	9.43	4,340,000
3480	5	39	62	3.9	4.75	5.7	9.43	3,970,000
3481	5	39	62	3.9	4.75	5.7	9.43	3,780,000
3482	5	39	62	3.9	4.75	5.7	9.43	3,270,000
3483	5	39	62	3.9	4.75	5.7	9.43	2,560,000
3484	5	39	62	3.9	4.75	5.7	9.43	2,200,000
3485	5	39	62	3.9	4.75	5.7	9.43	1,930,000
3486	5	39	62	3.9	4.75	5.7	9.43	1,360,000
3487	5	39	62	3.9	4.75	5.7	9.43	1,140,000
3488	5	39	62	3.9	4.75	5.7	9.43	717,000
3489	5	39	62	3.9	4.75	5.7	9.43	590,000
3490	5	39	62	3.9	4.75	5.7	9.43	439,000
3491	5	39	62	3.9	4.75	5.7	9.43	349,000
3492	5	39	62	3.9	4.75	5.7	9.43	205,000
3493	5	39	62	3.9	4.75	5.7	9.43	164,000
3494	5	39	62	3.9	4.75	5.7	9.43	102,000
3495	5	39	62	3.9	4.75	5.7	9.43	124,000
3496	5	39	62	3.9	4.75	5.7	9.43	95,600
3497	5	39	62	3.9	4.75	5.7	9.43	79,700
3498	5	39	62	3.9	4.75	5.7	9.43	55,300
3499	5	39	62	3.9	4.75	5.7	9.43	48,400
3500	5	39	62	3.9	4.75	5.7	9.43	37,400
3501	0	8	44	5.5	8.9	5.07	12.99	3,930,000
3502	0	8	44	5.5	8.9	5.07	12.99	3,900,000
3503	0	8	44	5.5	8.9	5.07	12.99	3,880,000
3504	0	8	44	5.5	8.9	5.07	12.99	3,810,000
3505	0	8	44	5.5	8.9	5.07	12.99	3,770,000
3506	0	8	44	5.5	8.9	5.07	12.99	3,660,000
3507	0	8	44	5.5	8.9	5.07	12.99	3,500,000
3508	0	8	44	5.5	8.9	5.07	12.99	3,400,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3509	0	8	44	5.5	8.9	5.07	12.99	3,320,000
3510	0	8	44	5.5	8.9	5.07	12.99	3,100,000
3511	0	8	44	5.5	8.9	5.07	12.99	2,990,000
3512	0	8	44	5.5	8.9	5.07	12.99	2,700,000
3513	0	8	44	5.5	8.9	5.07	12.99	2,340,000
3514	0	8	44	5.5	8.9	5.07	12.99	2,130,000
3515	0	8	44	5.5	8.9	5.07	12.99	1,970,000
3516	0	8	44	5.5	8.9	5.07	12.99	1,590,000
3517	0	8	44	5.5	8.9	5.07	12.99	1,430,000
3518	0	8	44	5.5	8.9	5.07	12.99	1,080,000
3519	0	8	44	5.5	8.9	5.07	12.99	1,010,000
3520	0	8	44	5.5	8.9	5.07	12.99	838,000
3521	0	8	44	5.5	8.9	5.07	12.99	720,000
3522	0	8	44	5.5	8.9	5.07	12.99	491,000
3523	0	8	44	5.5	8.9	5.07	12.99	413,000
3524	0	8	44	5.5	8.9	5.07	12.99	271,000
3525	0	8	44	5.5	8.9	5.07	12.99	358,000
3526	0	8	44	5.5	8.9	5.07	12.99	281,000
3527	0	8	44	5.5	8.9	5.07	12.99	234,000
3528	0	8	44	5.5	8.9	5.07	12.99	153,000
3529	0	8	44	5.5	8.9	5.07	12.99	128,000
3530	0	8	44	5.5	8.9	5.07	12.99	86,600
3531	9	38	56	5.2	6.85	3.98	12.83	2,940,000
3532	9	38	56	5.2	6.85	3.98	12.83	2,930,000
3533	9	38	56	5.2	6.85	3.98	12.83	2,930,000
3534	9	38	56	5.2	6.85	3.98	12.83	2,900,000
3535	9	38	56	5.2	6.85	3.98	12.83	2,880,000
3536	9	38	56	5.2	6.85	3.98	12.83	2,830,000
3537	9	38	56	5.2	6.85	3.98	12.83	2,730,000
3538	9	38	56	5.2	6.85	3.98	12.83	2,660,000
3539	9	38	56	5.2	6.85	3.98	12.83	2,610,000
3540	9	38	56	5.2	6.85	3.98	12.83	2,440,000
3541	9	38	56	5.2	6.85	3.98	12.83	2,350,000
3542	9	38	56	5.2	6.85	3.98	12.83	2,090,000
3543	9	38	56	5.2	6.85	3.98	12.83	1,760,000
3544	9	38	56	5.2	6.85	3.98	12.83	1,560,000
3545	9	38	56	5.2	6.85	3.98	12.83	1,400,000
3546	9	38	56	5.2	6.85	3.98	12.83	1,040,000
3547	9	38	56	5.2	6.85	3.98	12.83	893,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3548	9	38	56	5.2	6.85	3.98	12.83	604,000
3549	9	38	56	5.2	6.85	3.98	12.83	604,000
3550	9	38	56	5.2	6.85	3.98	12.83	474,000
3551	9	38	56	5.2	6.85	3.98	12.83	393,000
3552	9	38	56	5.2	6.85	3.98	12.83	254,000
3553	9	38	56	5.2	6.85	3.98	12.83	212,000
3554	9	38	56	5.2	6.85	3.98	12.83	146,000
3555	9	38	56	5.2	6.85	3.98	12.83	216,000
3556	9	38	56	5.2	6.85	3.98	12.83	173,000
3557	9	38	56	5.2	6.85	3.98	12.83	148,000
3558	9	38	56	5.2	6.85	3.98	12.83	108,000
3559	9	38	56	5.2	6.85	3.98	12.83	96,200
3560	9	38	56	5.2	6.85	3.98	12.83	77,600
3561	0	8	47	5.5	8.5	7.62	10.78	3,740,000
3562	0	8	47	5.5	8.5	7.62	10.78	3,600,000
3563	0	8	47	5.5	8.5	7.62	10.78	3,480,000
3564	0	8	47	5.5	8.5	7.62	10.78	3,160,000
3565	0	8	47	5.5	8.5	7.62	10.78	3,000,000
3566	0	8	47	5.5	8.5	7.62	10.78	2,590,000
3567	0	8	47	5.5	8.5	7.62	10.78	2,680,000
3568	0	8	47	5.5	8.5	7.62	10.78	2,430,000
3569	0	8	47	5.5	8.5	7.62	10.78	2,230,000
3570	0	8	47	5.5	8.5	7.62	10.78	1,760,000
3571	0	8	47	5.5	8.5	7.62	10.78	1,560,000
3572	0	8	47	5.5	8.5	7.62	10.78	1,130,000
3573	0	8	47	5.5	8.5	7.62	10.78	1,100,000
3574	0	8	47	5.5	8.5	7.62	10.78	894,000
3575	0	8	47	5.5	8.5	7.62	10.78	754,000
3576	0	8	47	5.5	8.5	7.62	10.78	495,000
3577	0	8	47	5.5	8.5	7.62	10.78	410,000
3578	0	8	47	5.5	8.5	7.62	10.78	264,000
3579	0	8	47	5.5	8.5	7.62	10.78	286,000
3580	0	8	47	5.5	8.5	7.62	10.78	224,000
3581	0	8	47	5.5	8.5	7.62	10.78	187,000
3582	0	8	47	5.5	8.5	7.62	10.78	128,000
3583	0	8	47	5.5	8.5	7.62	10.78	110,000
3584	0	8	47	5.5	8.5	7.62	10.78	81,100
3585	0	8	47	5.5	8.5	7.62	10.78	91,500
3586	0	8	47	5.5	8.5	7.62	10.78	77,900

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3587	0	8	47	5.5	8.5	7.62	10.78	69,800
3588	0	8	47	5.5	8.5	7.62	10.78	56,400
3589	0	8	47	5.5	8.5	7.62	10.78	52,300
3590	0	8	47	5.5	8.5	7.62	10.78	45,300
3591	8	38	56	5.4	7.4	4.49	12.58	2,890,000
3592	8	38	56	5.4	7.4	4.49	12.58	2,830,000
3593	8	38	56	5.4	7.4	4.49	12.58	2,770,000
3594	8	38	56	5.4	7.4	4.49	12.58	2,610,000
3595	8	38	56	5.4	7.4	4.49	12.58	2,520,000
3596	8	38	56	5.4	7.4	4.49	12.58	2,290,000
3597	8	38	56	5.4	7.4	4.49	12.58	2,280,000
3598	8	38	56	5.4	7.4	4.49	12.58	2,130,000
3599	8	38	56	5.4	7.4	4.49	12.58	2,000,000
3600	8	38	56	5.4	7.4	4.49	12.58	1,680,000
3601	8	38	56	5.4	7.4	4.49	12.58	1,530,000
3602	8	38	56	5.4	7.4	4.49	12.58	1,190,000
3603	8	38	56	5.4	7.4	4.49	12.58	1,110,000
3604	8	38	56	5.4	7.4	4.49	12.58	932,000
3605	8	38	56	5.4	7.4	4.49	12.58	805,000
3606	8	38	56	5.4	7.4	4.49	12.58	554,000
3607	8	38	56	5.4	7.4	4.49	12.58	465,000
3608	8	38	56	5.4	7.4	4.49	12.58	305,000
3609	8	38	56	5.4	7.4	4.49	12.58	316,000
3610	8	38	56	5.4	7.4	4.49	12.58	248,000
3611	8	38	56	5.4	7.4	4.49	12.58	206,000
3612	8	38	56	5.4	7.4	4.49	12.58	137,000
3613	8	38	56	5.4	7.4	4.49	12.58	117,000
3614	8	38	56	5.4	7.4	4.49	12.58	83,000
3615	8	38	56	5.4	7.4	4.49	12.58	94,900
3616	8	38	56	5.4	7.4	4.49	12.58	79,000
3617	8	38	56	5.4	7.4	4.49	12.58	69,700
3618	8	38	56	5.4	7.4	4.49	12.58	54,200
3619	8	38	56	5.4	7.4	4.49	12.58	49,500
3620	8	38	56	5.4	7.4	4.49	12.58	41,600
3621	1	11	46	5.5	7.89	7.74	11.53	5,190,000
3622	1	11	46	5.5	7.89	7.74	11.53	5,160,000
3623	1	11	46	5.5	7.89	7.74	11.53	5,130,000
3624	1	11	46	5.5	7.89	7.74	11.53	5,050,000
3625	1	11	46	5.5	7.89	7.74	11.53	5,000,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3626	1	11	46	5.5	7.89	7.74	11.53	4,870,000
3627	1	11	46	5.5	7.89	7.74	11.53	4,620,000
3628	1	11	46	5.5	7.89	7.74	11.53	4,470,000
3629	1	11	46	5.5	7.89	7.74	11.53	4,340,000
3630	1	11	46	5.5	7.89	7.74	11.53	3,970,000
3631	1	11	46	5.5	7.89	7.74	11.53	3,780,000
3632	1	11	46	5.5	7.89	7.74	11.53	3,270,000
3633	1	11	46	5.5	7.89	7.74	11.53	2,560,000
3634	1	11	46	5.5	7.89	7.74	11.53	2,200,000
3635	1	11	46	5.5	7.89	7.74	11.53	1,930,000
3636	1	11	46	5.5	7.89	7.74	11.53	1,360,000
3637	1	11	46	5.5	7.89	7.74	11.53	1,140,000
3638	1	11	46	5.5	7.89	7.74	11.53	717,000
3639	1	11	46	5.5	7.89	7.74	11.53	590,000
3640	1	11	46	5.5	7.89	7.74	11.53	439,000
3641	1	11	46	5.5	7.89	7.74	11.53	349,000
3642	1	11	46	5.5	7.89	7.74	11.53	205,000
3643	1	11	46	5.5	7.89	7.74	11.53	164,000
3644	1	11	46	5.5	7.89	7.74	11.53	102,000
3645	1	11	46	5.5	7.89	7.74	11.53	124,000
3646	1	11	46	5.5	7.89	7.74	11.53	95,600
3647	1	11	46	5.5	7.89	7.74	11.53	79,700
3648	1	11	46	5.5	7.89	7.74	11.53	55,300
3649	1	11	46	5.5	7.89	7.74	11.53	48,400
3650	1	11	46	5.5	7.89	7.74	11.53	37,400
3651	6	42	60	5.1	5.23	3.75	8.86	7,250,000
3652	6	42	60	5.1	5.23	3.75	8.86	7,060,000
3653	6	42	60	5.1	5.23	3.75	8.86	6,900,000
3654	6	42	60	5.1	5.23	3.75	8.86	6,480,000
3655	6	42	60	5.1	5.23	3.75	8.86	6,270,000
3656	6	42	60	5.1	5.23	3.75	8.86	5,730,000
3657	6	42	60	5.1	5.23	3.75	8.86	5,580,000
3658	6	42	60	5.1	5.23	3.75	8.86	5,220,000
3659	6	42	60	5.1	5.23	3.75	8.86	4,930,000
3660	6	42	60	5.1	5.23	3.75	8.86	4,230,000
3661	6	42	60	5.1	5.23	3.75	8.86	3,910,000
3662	6	42	60	5.1	5.23	3.75	8.86	3,170,000
3663	6	42	60	5.1	5.23	3.75	8.86	2,930,000
3664	6	42	60	5.1	5.23	3.75	8.86	2,530,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3665	6	42	60	5.1	5.23	3.75	8.86	2,240,000
3666	6	42	60	5.1	5.23	3.75	8.86	1,640,000
3667	6	42	60	5.1	5.23	3.75	8.86	1,420,000
3668	6	42	60	5.1	5.23	3.75	8.86	980,000
3669	6	42	60	5.1	5.23	3.75	8.86	1,040,000
3670	6	42	60	5.1	5.23	3.75	8.86	836,000
3671	6	42	60	5.1	5.23	3.75	8.86	703,000
3672	6	42	60	5.1	5.23	3.75	8.86	464,000
3673	6	42	60	5.1	5.23	3.75	8.86	387,000
3674	6	42	60	5.1	5.23	3.75	8.86	256,000
3675	6	42	60	5.1	5.23	3.75	8.86	337,000
3676	6	42	60	5.1	5.23	3.75	8.86	266,000
3677	6	42	60	5.1	5.23	3.75	8.86	223,000
3678	6	42	60	5.1	5.23	3.75	8.86	152,000
3679	6	42	60	5.1	5.23	3.75	8.86	130,000
3680	6	42	60	5.1	5.23	3.75	8.86	92,500
3681	1	11	47	5.9	7.96	7.9	10.36	3,220,000
3682	1	11	47	5.9	7.96	7.9	10.36	3,200,000
3683	1	11	47	5.9	7.96	7.9	10.36	3,180,000
3684	1	11	47	5.9	7.96	7.9	10.36	3,120,000
3685	1	11	47	5.9	7.96	7.9	10.36	3,090,000
3686	1	11	47	5.9	7.96	7.9	10.36	3,010,000
3687	1	11	47	5.9	7.96	7.9	10.36	2,890,000
3688	1	11	47	5.9	7.96	7.9	10.36	2,810,000
3689	1	11	47	5.9	7.96	7.9	10.36	2,740,000
3690	1	11	47	5.9	7.96	7.9	10.36	2,550,000
3691	1	11	47	5.9	7.96	7.9	10.36	2,450,000
3692	1	11	47	5.9	7.96	7.9	10.36	2,190,000
3693	1	11	47	5.9	7.96	7.9	10.36	1,920,000
3694	1	11	47	5.9	7.96	7.9	10.36	1,740,000
3695	1	11	47	5.9	7.96	7.9	10.36	1,600,000
3696	1	11	47	5.9	7.96	7.9	10.36	1,270,000
3697	1	11	47	5.9	7.96	7.9	10.36	1,140,000
3698	1	11	47	5.9	7.96	7.9	10.36	851,000
3699	1	11	47	5.9	7.96	7.9	10.36	822,000
3700	1	11	47	5.9	7.96	7.9	10.36	684,000
3701	1	11	47	5.9	7.96	7.9	10.36	592,000
3702	1	11	47	5.9	7.96	7.9	10.36	419,000
3703	1	11	47	5.9	7.96	7.9	10.36	361,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3704	1	11	47	5.9	7.96	7.9	10.36	258,000
3705	1	11	47	5.9	7.96	7.9	10.36	327,000
3706	1	11	47	5.9	7.96	7.9	10.36	270,000
3707	1	11	47	5.9	7.96	7.9	10.36	235,000
3708	1	11	47	5.9	7.96	7.9	10.36	174,000
3709	1	11	47	5.9	7.96	7.9	10.36	155,000
3710	1	11	47	5.9	7.96	7.9	10.36	122,000
3711	6	36	56	4.9	5.43	5.98	9.64	4,960,000
3712	6	36	56	4.9	5.43	5.98	9.64	4,870,000
3713	6	36	56	4.9	5.43	5.98	9.64	4,800,000
3714	6	36	56	4.9	5.43	5.98	9.64	4,590,000
3715	6	36	56	4.9	5.43	5.98	9.64	4,480,000
3716	6	36	56	4.9	5.43	5.98	9.64	4,170,000
3717	6	36	56	4.9	5.43	5.98	9.64	4,020,000
3718	6	36	56	4.9	5.43	5.98	9.64	3,790,000
3719	6	36	56	4.9	5.43	5.98	9.64	3,610,000
3720	6	36	56	4.9	5.43	5.98	9.64	3,140,000
3721	6	36	56	4.9	5.43	5.98	9.64	2,920,000
3722	6	36	56	4.9	5.43	5.98	9.64	2,390,000
3723	6	36	56	4.9	5.43	5.98	9.64	2,220,000
3724	6	36	56	4.9	5.43	5.98	9.64	1,920,000
3725	6	36	56	4.9	5.43	5.98	9.64	1,700,000
3726	6	36	56	4.9	5.43	5.98	9.64	1,250,000
3727	6	36	56	4.9	5.43	5.98	9.64	1,080,000
3728	6	36	56	4.9	5.43	5.98	9.64	751,000
3729	6	36	56	4.9	5.43	5.98	9.64	883,000
3730	6	36	56	4.9	5.43	5.98	9.64	715,000
3731	6	36	56	4.9	5.43	5.98	9.64	607,000
3732	6	36	56	4.9	5.43	5.98	9.64	414,000
3733	6	36	56	4.9	5.43	5.98	9.64	353,000
3734	6	36	56	4.9	5.43	5.98	9.64	247,000
3735	6	36	56	4.9	5.43	5.98	9.64	380,000
3736	6	36	56	4.9	5.43	5.98	9.64	308,000
3737	6	36	56	4.9	5.43	5.98	9.64	264,000
3738	6	36	56	4.9	5.43	5.98	9.64	190,000
3739	6	36	56	4.9	5.43	5.98	9.64	168,000
3740	6	36	56	4.9	5.43	5.98	9.64	129,000
3741	0	9	46	5.2	7.04	9.16	10.07	3,170,000
3742	0	9	46	5.2	7.04	9.16	10.07	3,140,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3743	0	9	46	5.2	7.04	9.16	10.07	3,110,000
3744	0	9	46	5.2	7.04	9.16	10.07	3,030,000
3745	0	9	46	5.2	7.04	9.16	10.07	2,980,000
3746	0	9	46	5.2	7.04	9.16	10.07	2,860,000
3747	0	9	46	5.2	7.04	9.16	10.07	2,810,000
3748	0	9	46	5.2	7.04	9.16	10.07	2,720,000
3749	0	9	46	5.2	7.04	9.16	10.07	2,640,000
3750	0	9	46	5.2	7.04	9.16	10.07	2,410,000
3751	0	9	46	5.2	7.04	9.16	10.07	2,290,000
3752	0	9	46	5.2	7.04	9.16	10.07	2,000,000
3753	0	9	46	5.2	7.04	9.16	10.07	1,840,000
3754	0	9	46	5.2	7.04	9.16	10.07	1,650,000
3755	0	9	46	5.2	7.04	9.16	10.07	1,500,000
3756	0	9	46	5.2	7.04	9.16	10.07	1,150,000
3757	0	9	46	5.2	7.04	9.16	10.07	1,010,000
3758	0	9	46	5.2	7.04	9.16	10.07	708,000
3759	0	9	46	5.2	7.04	9.16	10.07	692,000
3760	0	9	46	5.2	7.04	9.16	10.07	552,000
3761	0	9	46	5.2	7.04	9.16	10.07	460,000
3762	0	9	46	5.2	7.04	9.16	10.07	295,000
3763	0	9	46	5.2	7.04	9.16	10.07	242,000
3764	0	9	46	5.2	7.04	9.16	10.07	154,000
3765	0	9	46	5.2	7.04	9.16	10.07	179,000
3766	0	9	46	5.2	7.04	9.16	10.07	139,000
3767	0	9	46	5.2	7.04	9.16	10.07	115,000
3768	0	9	46	5.2	7.04	9.16	10.07	77,100
3769	0	9	46	5.2	7.04	9.16	10.07	65,900
3770	0	9	46	5.2	7.04	9.16	10.07	47,800
3771	7	39	58	4.9	5.83	6.2	10.34	5,060,000
3772	7	39	58	4.9	5.83	6.2	10.34	4,960,000
3773	7	39	58	4.9	5.83	6.2	10.34	4,880,000
3774	7	39	58	4.9	5.83	6.2	10.34	4,650,000
3775	7	39	58	4.9	5.83	6.2	10.34	4,530,000
3776	7	39	58	4.9	5.83	6.2	10.34	4,230,000
3777	7	39	58	4.9	5.83	6.2	10.34	4,190,000
3778	7	39	58	4.9	5.83	6.2	10.34	3,980,000
3779	7	39	58	4.9	5.83	6.2	10.34	3,820,000
3780	7	39	58	4.9	5.83	6.2	10.34	3,400,000
3781	7	39	58	4.9	5.83	6.2	10.34	3,210,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3782	7	39	58	4.9	5.83	6.2	10.34	2,740,000
3783	7	39	58	4.9	5.83	6.2	10.34	2,570,000
3784	7	39	58	4.9	5.83	6.2	10.34	2,290,000
3785	7	39	58	4.9	5.83	6.2	10.34	2,080,000
3786	7	39	58	4.9	5.83	6.2	10.34	1,620,000
3787	7	39	58	4.9	5.83	6.2	10.34	1,430,000
3788	7	39	58	4.9	5.83	6.2	10.34	1,040,000
3789	7	39	58	4.9	5.83	6.2	10.34	1,040,000
3790	7	39	58	4.9	5.83	6.2	10.34	850,000
3791	7	39	58	4.9	5.83	6.2	10.34	722,000
3792	7	39	58	4.9	5.83	6.2	10.34	480,000
3793	7	39	58	4.9	5.83	6.2	10.34	399,000
3794	7	39	58	4.9	5.83	6.2	10.34	255,000
3795	7	39	58	4.9	5.83	6.2	10.34	301,000
3796	7	39	58	4.9	5.83	6.2	10.34	232,000
3797	7	39	58	4.9	5.83	6.2	10.34	190,000
3798	7	39	58	4.9	5.83	6.2	10.34	120,000
3799	7	39	58	4.9	5.83	6.2	10.34	99,100
3800	7	39	58	4.9	5.83	6.2	10.34	64,300
3801	1.1	29.4	60.3	5.4	5.99	5.78	13.25	4,210,000
3802	1.1	29.4	60.3	5.4	5.99	5.78	13.25	4,200,000
3803	1.1	29.4	60.3	5.4	5.99	5.78	13.25	4,180,000
3804	1.1	29.4	60.3	5.4	5.99	5.78	13.25	4,140,000
3805	1.1	29.4	60.3	5.4	5.99	5.78	13.25	4,110,000
3806	1.1	29.4	60.3	5.4	5.99	5.78	13.25	4,020,000
3807	1.1	29.4	60.3	5.4	5.99	5.78	13.25	3,890,000
3808	1.1	29.4	60.3	5.4	5.99	5.78	13.25	3,780,000
3809	1.1	29.4	60.3	5.4	5.99	5.78	13.25	3,670,000
3810	1.1	29.4	60.3	5.4	5.99	5.78	13.25	3,320,000
3811	1.1	29.4	60.3	5.4	5.99	5.78	13.25	3,130,000
3812	1.1	29.4	60.3	5.4	5.99	5.78	13.25	2,570,000
3813	1.1	29.4	60.3	5.4	5.99	5.78	13.25	2,070,000
3814	1.1	29.4	60.3	5.4	5.99	5.78	13.25	1,680,000
3815	1.1	29.4	60.3	5.4	5.99	5.78	13.25	1,400,000
3816	1.1	29.4	60.3	5.4	5.99	5.78	13.25	827,000
3817	1.1	29.4	60.3	5.4	5.99	5.78	13.25	638,000
3818	1.1	29.4	60.3	5.4	5.99	5.78	13.25	335,000
3819	1.1	29.4	60.3	5.4	5.99	5.78	13.25	341,000
3820	1.1	29.4	60.3	5.4	5.99	5.78	13.25	237,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3821	1.1	29.4	60.3	5.4	5.99	5.78	13.25	181,000
3822	1.1	29.4	60.3	5.4	5.99	5.78	13.25	106,000
3823	1.1	29.4	60.3	5.4	5.99	5.78	13.25	86,900
3824	1.1	29.4	60.3	5.4	5.99	5.78	13.25	60,800
3825	1.1	29.4	60.3	5.4	5.99	5.78	13.25	80,900
3826	1.1	29.4	60.3	5.4	5.99	5.78	13.25	65,800
3827	1.1	29.4	60.3	5.4	5.99	5.78	13.25	57,800
3828	1.1	29.4	60.3	5.4	5.99	5.78	13.25	46,200
3829	1.1	29.4	60.3	5.4	5.99	5.78	13.25	43,100
3830	1.1	29.4	60.3	5.4	5.99	5.78	13.25	38,400
3831	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,930,000
3832	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,860,000
3833	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,790,000
3834	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,600,000
3835	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,500,000
3836	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,230,000
3837	1.4	26.2	57.3	5.8	6.25	6.2	14.21	3,170,000
3838	1.4	26.2	57.3	5.8	6.25	6.2	14.21	2,980,000
3839	1.4	26.2	57.3	5.8	6.25	6.2	14.21	2,820,000
3840	1.4	26.2	57.3	5.8	6.25	6.2	14.21	2,400,000
3841	1.4	26.2	57.3	5.8	6.25	6.2	14.21	2,210,000
3842	1.4	26.2	57.3	5.8	6.25	6.2	14.21	1,740,000
3843	1.4	26.2	57.3	5.8	6.25	6.2	14.21	1,630,000
3844	1.4	26.2	57.3	5.8	6.25	6.2	14.21	1,380,000
3845	1.4	26.2	57.3	5.8	6.25	6.2	14.21	1,190,000
3846	1.4	26.2	57.3	5.8	6.25	6.2	14.21	810,000
3847	1.4	26.2	57.3	5.8	6.25	6.2	14.21	673,000
3848	1.4	26.2	57.3	5.8	6.25	6.2	14.21	421,000
3849	1.4	26.2	57.3	5.8	6.25	6.2	14.21	485,000
3850	1.4	26.2	57.3	5.8	6.25	6.2	14.21	367,000
3851	1.4	26.2	57.3	5.8	6.25	6.2	14.21	295,000
3852	1.4	26.2	57.3	5.8	6.25	6.2	14.21	176,000
3853	1.4	26.2	57.3	5.8	6.25	6.2	14.21	142,000
3854	1.4	26.2	57.3	5.8	6.25	6.2	14.21	87,300
3855	1.4	26.2	57.3	5.8	6.25	6.2	14.21	130,000
3856	1.4	26.2	57.3	5.8	6.25	6.2	14.21	98,300
3857	1.4	26.2	57.3	5.8	6.25	6.2	14.21	80,500
3858	1.4	26.2	57.3	5.8	6.25	6.2	14.21	52,800
3859	1.4	26.2	57.3	5.8	6.25	6.2	14.21	44,900

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3860	1.4	26.2	57.3	5.8	6.25	6.2	14.21	32,400
3861	7.2	23.2	44.5	6.2	5.27	6.66	10.34	5,060,000
3862	7.2	23.2	44.5	6.2	5.27	6.66	10.34	4,960,000
3863	7.2	23.2	44.5	6.2	5.27	6.66	10.34	4,880,000
3864	7.2	23.2	44.5	6.2	5.27	6.66	10.34	4,650,000
3865	7.2	23.2	44.5	6.2	5.27	6.66	10.34	4,530,000
3866	7.2	23.2	44.5	6.2	5.27	6.66	10.34	4,210,000
3867	7.2	23.2	44.5	6.2	5.27	6.66	10.34	3,640,000
3868	7.2	23.2	44.5	6.2	5.27	6.66	10.34	3,370,000
3869	7.2	23.2	44.5	6.2	5.27	6.66	10.34	3,160,000
3870	7.2	23.2	44.5	6.2	5.27	6.66	10.34	2,630,000
3871	7.2	23.2	44.5	6.2	5.27	6.66	10.34	2,400,000
3872	7.2	23.2	44.5	6.2	5.27	6.66	10.34	1,870,000
3873	7.2	23.2	44.5	6.2	5.27	6.66	10.34	1,310,000
3874	7.2	23.2	44.5	6.2	5.27	6.66	10.34	1,070,000
3875	7.2	23.2	44.5	6.2	5.27	6.66	10.34	902,000
3876	7.2	23.2	44.5	6.2	5.27	6.66	10.34	591,000
3877	7.2	23.2	44.5	6.2	5.27	6.66	10.34	486,000
3878	7.2	23.2	44.5	6.2	5.27	6.66	10.34	303,000
3879	7.2	23.2	44.5	6.2	5.27	6.66	10.34	298,000
3880	7.2	23.2	44.5	6.2	5.27	6.66	10.34	226,000
3881	7.2	23.2	44.5	6.2	5.27	6.66	10.34	184,000
3882	7.2	23.2	44.5	6.2	5.27	6.66	10.34	115,000
3883	7.2	23.2	44.5	6.2	5.27	6.66	10.34	94,400
3884	7.2	23.2	44.5	6.2	5.27	6.66	10.34	62,100
3885	7.2	23.2	44.5	6.2	5.27	6.66	10.34	97,100
3886	7.2	23.2	44.5	6.2	5.27	6.66	10.34	75,900
3887	7.2	23.2	44.5	6.2	5.27	6.66	10.34	63,700
3888	7.2	23.2	44.5	6.2	5.27	6.66	10.34	43,900
3889	7.2	23.2	44.5	6.2	5.27	6.66	10.34	38,100
3890	7.2	23.2	44.5	6.2	5.27	6.66	10.34	28,500
3891	5.1	25.2	46.2	6.4	5.84	6.6	11.08	5,050,000
3892	5.1	25.2	46.2	6.4	5.84	6.6	11.08	5,020,000
3893	5.1	25.2	46.2	6.4	5.84	6.6	11.08	5,000,000
3894	5.1	25.2	46.2	6.4	5.84	6.6	11.08	4,940,000
3895	5.1	25.2	46.2	6.4	5.84	6.6	11.08	4,900,000
3896	5.1	25.2	46.2	6.4	5.84	6.6	11.08	4,790,000
3897	5.1	25.2	46.2	6.4	5.84	6.6	11.08	4,540,000
3898	5.1	25.2	46.2	6.4	5.84	6.6	11.08	4,390,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3899	5.1	25.2	46.2	6.4	5.84	6.6	11.08	4,270,000
3900	5.1	25.2	46.2	6.4	5.84	6.6	11.08	3,900,000
3901	5.1	25.2	46.2	6.4	5.84	6.6	11.08	3,700,000
3902	5.1	25.2	46.2	6.4	5.84	6.6	11.08	3,180,000
3903	5.1	25.2	46.2	6.4	5.84	6.6	11.08	2,510,000
3904	5.1	25.2	46.2	6.4	5.84	6.6	11.08	2,140,000
3905	5.1	25.2	46.2	6.4	5.84	6.6	11.08	1,860,000
3906	5.1	25.2	46.2	6.4	5.84	6.6	11.08	1,260,000
3907	5.1	25.2	46.2	6.4	5.84	6.6	11.08	1,040,000
3908	5.1	25.2	46.2	6.4	5.84	6.6	11.08	627,000
3909	5.1	25.2	46.2	6.4	5.84	6.6	11.08	661,000
3910	5.1	25.2	46.2	6.4	5.84	6.6	11.08	485,000
3911	5.1	25.2	46.2	6.4	5.84	6.6	11.08	381,000
3912	5.1	25.2	46.2	6.4	5.84	6.6	11.08	218,000
3913	5.1	25.2	46.2	6.4	5.84	6.6	11.08	173,000
3914	5.1	25.2	46.2	6.4	5.84	6.6	11.08	105,000
3915	5.1	25.2	46.2	6.4	5.84	6.6	11.08	201,000
3916	5.1	25.2	46.2	6.4	5.84	6.6	11.08	149,000
3917	5.1	25.2	46.2	6.4	5.84	6.6	11.08	120,000
3918	5.1	25.2	46.2	6.4	5.84	6.6	11.08	77,800
3919	5.1	25.2	46.2	6.4	5.84	6.6	11.08	66,200
3920	5.1	25.2	46.2	6.4	5.84	6.6	11.08	48,500
3921	0.9	23.4	53.7	7.7	6.23	2.1	13.98	4,130,000
3922	0.9	23.4	53.7	7.7	6.23	2.1	13.98	4,050,000
3923	0.9	23.4	53.7	7.7	6.23	2.1	13.98	3,980,000
3924	0.9	23.4	53.7	7.7	6.23	2.1	13.98	3,780,000
3925	0.9	23.4	53.7	7.7	6.23	2.1	13.98	3,670,000
3926	0.9	23.4	53.7	7.7	6.23	2.1	13.98	3,390,000
3927	0.9	23.4	53.7	7.7	6.23	2.1	13.98	3,330,000
3928	0.9	23.4	53.7	7.7	6.23	2.1	13.98	3,120,000
3929	0.9	23.4	53.7	7.7	6.23	2.1	13.98	2,950,000
3930	0.9	23.4	53.7	7.7	6.23	2.1	13.98	2,520,000
3931	0.9	23.4	53.7	7.7	6.23	2.1	13.98	2,310,000
3932	0.9	23.4	53.7	7.7	6.23	2.1	13.98	1,830,000
3933	0.9	23.4	53.7	7.7	6.23	2.1	13.98	1,720,000
3934	0.9	23.4	53.7	7.7	6.23	2.1	13.98	1,450,000
3935	0.9	23.4	53.7	7.7	6.23	2.1	13.98	1,250,000
3936	0.9	23.4	53.7	7.7	6.23	2.1	13.98	851,000
3937	0.9	23.4	53.7	7.7	6.23	2.1	13.98	706,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3938	0.9	23.4	53.7	7.7	6.23	2.1	13.98	441,000
3939	0.9	23.4	53.7	7.7	6.23	2.1	13.98	516,000
3940	0.9	23.4	53.7	7.7	6.23	2.1	13.98	390,000
3941	0.9	23.4	53.7	7.7	6.23	2.1	13.98	314,000
3942	0.9	23.4	53.7	7.7	6.23	2.1	13.98	187,000
3943	0.9	23.4	53.7	7.7	6.23	2.1	13.98	150,000
3944	0.9	23.4	53.7	7.7	6.23	2.1	13.98	92,300
3945	0.9	23.4	53.7	7.7	6.23	2.1	13.98	141,000
3946	0.9	23.4	53.7	7.7	6.23	2.1	13.98	106,000
3947	0.9	23.4	53.7	7.7	6.23	2.1	13.98	86,900
3948	0.9	23.4	53.7	7.7	6.23	2.1	13.98	56,500
3949	0.9	23.4	53.7	7.7	6.23	2.1	13.98	47,900
3950	0.9	23.4	53.7	7.7	6.23	2.1	13.98	34,300
3951	0.9	22.2	52.3	7.9	6.35	1.79	14.97	5,580,000
3952	0.9	22.2	52.3	7.9	6.35	1.79	14.97	5,430,000
3953	0.9	22.2	52.3	7.9	6.35	1.79	14.97	5,300,000
3954	0.9	22.2	52.3	7.9	6.35	1.79	14.97	4,970,000
3955	0.9	22.2	52.3	7.9	6.35	1.79	14.97	4,820,000
3956	0.9	22.2	52.3	7.9	6.35	1.79	14.97	4,410,000
3957	0.9	22.2	52.3	7.9	6.35	1.79	14.97	3,740,000
3958	0.9	22.2	52.3	7.9	6.35	1.79	14.97	3,450,000
3959	0.9	22.2	52.3	7.9	6.35	1.79	14.97	3,220,000
3960	0.9	22.2	52.3	7.9	6.35	1.79	14.97	2,690,000
3961	0.9	22.2	52.3	7.9	6.35	1.79	14.97	2,460,000
3962	0.9	22.2	52.3	7.9	6.35	1.79	14.97	1,940,000
3963	0.9	22.2	52.3	7.9	6.35	1.79	14.97	1,450,000
3964	0.9	22.2	52.3	7.9	6.35	1.79	14.97	1,220,000
3965	0.9	22.2	52.3	7.9	6.35	1.79	14.97	1,050,000
3966	0.9	22.2	52.3	7.9	6.35	1.79	14.97	735,000
3967	0.9	22.2	52.3	7.9	6.35	1.79	14.97	622,000
3968	0.9	22.2	52.3	7.9	6.35	1.79	14.97	414,000
3969	0.9	22.2	52.3	7.9	6.35	1.79	14.97	445,000
3970	0.9	22.2	52.3	7.9	6.35	1.79	14.97	350,000
3971	0.9	22.2	52.3	7.9	6.35	1.79	14.97	291,000
3972	0.9	22.2	52.3	7.9	6.35	1.79	14.97	188,000
3973	0.9	22.2	52.3	7.9	6.35	1.79	14.97	156,000
3974	0.9	22.2	52.3	7.9	6.35	1.79	14.97	102,000
3975	0.9	22.2	52.3	7.9	6.35	1.79	14.97	185,000
3976	0.9	22.2	52.3	7.9	6.35	1.79	14.97	144,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
3977	0.9	22.2	52.3	7.9	6.35	1.79	14.97	120,000
3978	0.9	22.2	52.3	7.9	6.35	1.79	14.97	79,500
3979	0.9	22.2	52.3	7.9	6.35	1.79	14.97	67,200
3980	0.9	22.2	52.3	7.9	6.35	1.79	14.97	46,500
3981	7	26	47.2	6	6.18	6.16	11.2	5,960,000
3982	7	26	47.2	6	6.18	6.16	11.2	5,840,000
3983	7	26	47.2	6	6.18	6.16	11.2	5,740,000
3984	7	26	47.2	6	6.18	6.16	11.2	5,430,000
3985	7	26	47.2	6	6.18	6.16	11.2	5,270,000
3986	7	26	47.2	6	6.18	6.16	11.2	4,820,000
3987	7	26	47.2	6	6.18	6.16	11.2	4,180,000
3988	7	26	47.2	6	6.18	6.16	11.2	3,800,000
3989	7	26	47.2	6	6.18	6.16	11.2	3,490,000
3990	7	26	47.2	6	6.18	6.16	11.2	2,740,000
3991	7	26	47.2	6	6.18	6.16	11.2	2,410,000
3992	7	26	47.2	6	6.18	6.16	11.2	1,690,000
3993	7	26	47.2	6	6.18	6.16	11.2	1,350,000
3994	7	26	47.2	6	6.18	6.16	11.2	1,040,000
3995	7	26	47.2	6	6.18	6.16	11.2	841,000
3996	7	26	47.2	6	6.18	6.16	11.2	494,000
3997	7	26	47.2	6	6.18	6.16	11.2	389,000
3998	7	26	47.2	6	6.18	6.16	11.2	222,000
3999	7	26	47.2	6	6.18	6.16	11.2	344,000
4000	7	26	47.2	6	6.18	6.16	11.2	250,000
4001	7	26	47.2	6	6.18	6.16	11.2	197,000
4002	7	26	47.2	6	6.18	6.16	11.2	117,000
4003	7	26	47.2	6	6.18	6.16	11.2	95,600
4004	7	26	47.2	6	6.18	6.16	11.2	62,600
4005	7	26	47.2	6	6.18	6.16	11.2	167,000
4006	7	26	47.2	6	6.18	6.16	11.2	124,000
4007	7	26	47.2	6	6.18	6.16	11.2	101,000
4008	7	26	47.2	6	6.18	6.16	11.2	65,500
4009	7	26	47.2	6	6.18	6.16	11.2	55,700
4010	7	26	47.2	6	6.18	6.16	11.2	40,600
4011	6.4	26.8	48.2	6	4.94	6.68	10.29	2,570,000
4012	6.4	26.8	48.2	6	4.94	6.68	10.29	2,570,000
4013	6.4	26.8	48.2	6	4.94	6.68	10.29	2,570,000
4014	6.4	26.8	48.2	6	4.94	6.68	10.29	2,570,000
4015	6.4	26.8	48.2	6	4.94	6.68	10.29	2,570,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4016	6.4	26.8	48.2	6	4.94	6.68	10.29	2,560,000
4017	6.4	26.8	48.2	6	4.94	6.68	10.29	2,550,000
4018	6.4	26.8	48.2	6	4.94	6.68	10.29	2,540,000
4019	6.4	26.8	48.2	6	4.94	6.68	10.29	2,520,000
4020	6.4	26.8	48.2	6	4.94	6.68	10.29	2,460,000
4021	6.4	26.8	48.2	6	4.94	6.68	10.29	2,420,000
4022	6.4	26.8	48.2	6	4.94	6.68	10.29	2,270,000
4023	6.4	26.8	48.2	6	4.94	6.68	10.29	2,000,000
4024	6.4	26.8	48.2	6	4.94	6.68	10.29	1,770,000
4025	6.4	26.8	48.2	6	4.94	6.68	10.29	1,560,000
4026	6.4	26.8	48.2	6	4.94	6.68	10.29	1,010,000
4027	6.4	26.8	48.2	6	4.94	6.68	10.29	784,000
4028	6.4	26.8	48.2	6	4.94	6.68	10.29	382,000
4029	6.4	26.8	48.2	6	4.94	6.68	10.29	336,000
4030	6.4	26.8	48.2	6	4.94	6.68	10.29	217,000
4031	6.4	26.8	48.2	6	4.94	6.68	10.29	159,000
4032	6.4	26.8	48.2	6	4.94	6.68	10.29	88,600
4033	6.4	26.8	48.2	6	4.94	6.68	10.29	73,700
4034	6.4	26.8	48.2	6	4.94	6.68	10.29	55,100
4035	6.4	26.8	48.2	6	4.94	6.68	10.29	64,700
4036	6.4	26.8	48.2	6	4.94	6.68	10.29	55,700
4037	6.4	26.8	48.2	6	4.94	6.68	10.29	51,300
4038	6.4	26.8	48.2	6	4.94	6.68	10.29	45,500
4039	6.4	26.8	48.2	6	4.94	6.68	10.29	44,200
4040	6.4	26.8	48.2	6	4.94	6.68	10.29	42,300
4041	0	23.4	48.9	5	6.12	8.9	9.6	4,150,000
4042	0	23.4	48.9	5	6.12	8.9	9.6	4,120,000
4043	0	23.4	48.9	5	6.12	8.9	9.6	4,100,000
4044	0	23.4	48.9	5	6.12	8.9	9.6	4,040,000
4045	0	23.4	48.9	5	6.12	8.9	9.6	4,000,000
4046	0	23.4	48.9	5	6.12	8.9	9.6	3,890,000
4047	0	23.4	48.9	5	6.12	8.9	9.6	3,720,000
4048	0	23.4	48.9	5	6.12	8.9	9.6	3,610,000
4049	0	23.4	48.9	5	6.12	8.9	9.6	3,510,000
4050	0	23.4	48.9	5	6.12	8.9	9.6	3,230,000
4051	0	23.4	48.9	5	6.12	8.9	9.6	3,090,000
4052	0	23.4	48.9	5	6.12	8.9	9.6	2,710,000
4053	0	23.4	48.9	5	6.12	8.9	9.6	2,220,000
4054	0	23.4	48.9	5	6.12	8.9	9.6	1,950,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4055	0	23.4	48.9	5	6.12	8.9	9.6	1,740,000
4056	0	23.4	48.9	5	6.12	8.9	9.6	1,260,000
4057	0	23.4	48.9	5	6.12	8.9	9.6	1,080,000
4058	0	23.4	48.9	5	6.12	8.9	9.6	702,000
4059	0	23.4	48.9	5	6.12	8.9	9.6	611,000
4060	0	23.4	48.9	5	6.12	8.9	9.6	461,000
4061	0	23.4	48.9	5	6.12	8.9	9.6	369,000
4062	0	23.4	48.9	5	6.12	8.9	9.6	216,000
4063	0	23.4	48.9	5	6.12	8.9	9.6	171,000
4064	0	23.4	48.9	5	6.12	8.9	9.6	102,000
4065	0	23.4	48.9	5	6.12	8.9	9.6	130,000
4066	0	23.4	48.9	5	6.12	8.9	9.6	97,700
4067	0	23.4	48.9	5	6.12	8.9	9.6	79,600
4068	0	23.4	48.9	5	6.12	8.9	9.6	51,800
4069	0	23.4	48.9	5	6.12	8.9	9.6	44,000
4070	0	23.4	48.9	5	6.12	8.9	9.6	31,900
4071	0	23.4	48.9	5	5.07	12.45	6.08	2,200,000
4072	0	23.4	48.9	5	5.07	12.45	6.08	2,190,000
4073	0	23.4	48.9	5	5.07	12.45	6.08	2,190,000
4074	0	23.4	48.9	5	5.07	12.45	6.08	2,160,000
4075	0	23.4	48.9	5	5.07	12.45	6.08	2,150,000
4076	0	23.4	48.9	5	5.07	12.45	6.08	2,090,000
4077	0	23.4	48.9	5	5.07	12.45	6.08	2,070,000
4078	0	23.4	48.9	5	5.07	12.45	6.08	2,020,000
4079	0	23.4	48.9	5	5.07	12.45	6.08	1,970,000
4080	0	23.4	48.9	5	5.07	12.45	6.08	1,820,000
4081	0	23.4	48.9	5	5.07	12.45	6.08	1,740,000
4082	0	23.4	48.9	5	5.07	12.45	6.08	1,500,000
4083	0	23.4	48.9	5	5.07	12.45	6.08	1,330,000
4084	0	23.4	48.9	5	5.07	12.45	6.08	1,160,000
4085	0	23.4	48.9	5	5.07	12.45	6.08	1,020,000
4086	0	23.4	48.9	5	5.07	12.45	6.08	706,000
4087	0	23.4	48.9	5	5.07	12.45	6.08	589,000
4088	0	23.4	48.9	5	5.07	12.45	6.08	373,000
4089	0	23.4	48.9	5	5.07	12.45	6.08	345,000
4090	0	23.4	48.9	5	5.07	12.45	6.08	265,000
4091	0	23.4	48.9	5	5.07	12.45	6.08	219,000
4092	0	23.4	48.9	5	5.07	12.45	6.08	147,000
4093	0	23.4	48.9	5	5.07	12.45	6.08	128,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4094	0	23.4	48.9	5	5.07	12.45	6.08	97,900
4095	0	23.4	48.9	5	5.07	12.45	6.08	104,000
4096	0	23.4	48.9	5	5.07	12.45	6.08	91,600
4097	0	23.4	48.9	5	5.07	12.45	6.08	84,700
4098	0	23.4	48.9	5	5.07	12.45	6.08	74,100
4099	0	23.4	48.9	5	5.07	12.45	6.08	71,100
4100	0	23.4	48.9	5	5.07	12.45	6.08	66,400
4101	0	23.4	48.9	5	5.32	6.42	8.73	4,680,000
4102	0	23.4	48.9	5	5.32	6.42	8.73	4,660,000
4103	0	23.4	48.9	5	5.32	6.42	8.73	4,640,000
4104	0	23.4	48.9	5	5.32	6.42	8.73	4,570,000
4105	0	23.4	48.9	5	5.32	6.42	8.73	4,540,000
4106	0	23.4	48.9	5	5.32	6.42	8.73	4,440,000
4107	0	23.4	48.9	5	5.32	6.42	8.73	4,260,000
4108	0	23.4	48.9	5	5.32	6.42	8.73	4,150,000
4109	0	23.4	48.9	5	5.32	6.42	8.73	4,050,000
4110	0	23.4	48.9	5	5.32	6.42	8.73	3,770,000
4111	0	23.4	48.9	5	5.32	6.42	8.73	3,630,000
4112	0	23.4	48.9	5	5.32	6.42	8.73	3,240,000
4113	0	23.4	48.9	5	5.32	6.42	8.73	2,760,000
4114	0	23.4	48.9	5	5.32	6.42	8.73	2,460,000
4115	0	23.4	48.9	5	5.32	6.42	8.73	2,230,000
4116	0	23.4	48.9	5	5.32	6.42	8.73	1,690,000
4117	0	23.4	48.9	5	5.32	6.42	8.73	1,470,000
4118	0	23.4	48.9	5	5.32	6.42	8.73	1,010,000
4119	0	23.4	48.9	5	5.32	6.42	8.73	973,000
4120	0	23.4	48.9	5	5.32	6.42	8.73	757,000
4121	0	23.4	48.9	5	5.32	6.42	8.73	618,000
4122	0	23.4	48.9	5	5.32	6.42	8.73	374,000
4123	0	23.4	48.9	5	5.32	6.42	8.73	299,000
4124	0	23.4	48.9	5	5.32	6.42	8.73	178,000
4125	0	23.4	48.9	5	5.32	6.42	8.73	278,000
4126	0	23.4	48.9	5	5.32	6.42	8.73	207,000
4127	0	23.4	48.9	5	5.32	6.42	8.73	166,000
4128	0	23.4	48.9	5	5.32	6.42	8.73	102,000
4129	0	23.4	48.9	5	5.32	6.42	8.73	84,100
4130	0	23.4	48.9	5	5.32	6.42	8.73	56,400
4131	0	35	58.2	6.6	6.57	8.15	8.84	4,600,000
4132	0	35	58.2	6.6	6.57	8.15	8.84	4,510,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4133	0	35	58.2	6.6	6.57	8.15	8.84	4,430,000
4134	0	35	58.2	6.6	6.57	8.15	8.84	4,210,000
4135	0	35	58.2	6.6	6.57	8.15	8.84	4,100,000
4136	0	35	58.2	6.6	6.57	8.15	8.84	3,780,000
4137	0	35	58.2	6.6	6.57	8.15	8.84	3,710,000
4138	0	35	58.2	6.6	6.57	8.15	8.84	3,480,000
4139	0	35	58.2	6.6	6.57	8.15	8.84	3,300,000
4140	0	35	58.2	6.6	6.57	8.15	8.84	2,810,000
4141	0	35	58.2	6.6	6.57	8.15	8.84	2,580,000
4142	0	35	58.2	6.6	6.57	8.15	8.84	2,040,000
4143	0	35	58.2	6.6	6.57	8.15	8.84	1,920,000
4144	0	35	58.2	6.6	6.57	8.15	8.84	1,610,000
4145	0	35	58.2	6.6	6.57	8.15	8.84	1,390,000
4146	0	35	58.2	6.6	6.57	8.15	8.84	946,000
4147	0	35	58.2	6.6	6.57	8.15	8.84	784,000
4148	0	35	58.2	6.6	6.57	8.15	8.84	488,000
4149	0	35	58.2	6.6	6.57	8.15	8.84	575,000
4150	0	35	58.2	6.6	6.57	8.15	8.84	434,000
4151	0	35	58.2	6.6	6.57	8.15	8.84	348,000
4152	0	35	58.2	6.6	6.57	8.15	8.84	206,000
4153	0	35	58.2	6.6	6.57	8.15	8.84	165,000
4154	0	35	58.2	6.6	6.57	8.15	8.84	101,000
4155	0	35	58.2	6.6	6.57	8.15	8.84	156,000
4156	0	35	58.2	6.6	6.57	8.15	8.84	118,000
4157	0	35	58.2	6.6	6.57	8.15	8.84	95,700
4158	0	35	58.2	6.6	6.57	8.15	8.84	61,700
4159	0	35	58.2	6.6	6.57	8.15	8.84	52,200
4160	0	35	58.2	6.6	6.57	8.15	8.84	37,100
4161	0	35	58.2	6.6	5.99	10.5	8.49	4,180,000
4162	0	35	58.2	6.6	5.99	10.5	8.49	4,090,000
4163	0	35	58.2	6.6	5.99	10.5	8.49	4,020,000
4164	0	35	58.2	6.6	5.99	10.5	8.49	3,820,000
4165	0	35	58.2	6.6	5.99	10.5	8.49	3,720,000
4166	0	35	58.2	6.6	5.99	10.5	8.49	3,440,000
4167	0	35	58.2	6.6	5.99	10.5	8.49	3,410,000
4168	0	35	58.2	6.6	5.99	10.5	8.49	3,230,000
4169	0	35	58.2	6.6	5.99	10.5	8.49	3,070,000
4170	0	35	58.2	6.6	5.99	10.5	8.49	2,670,000
4171	0	35	58.2	6.6	5.99	10.5	8.49	2,490,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4172	0	35	58.2	6.6	5.99	10.5	8.49	2,030,000
4173	0	35	58.2	6.6	5.99	10.5	8.49	1,840,000
4174	0	35	58.2	6.6	5.99	10.5	8.49	1,580,000
4175	0	35	58.2	6.6	5.99	10.5	8.49	1,390,000
4176	0	35	58.2	6.6	5.99	10.5	8.49	989,000
4177	0	35	58.2	6.6	5.99	10.5	8.49	836,000
4178	0	35	58.2	6.6	5.99	10.5	8.49	542,000
4179	0	35	58.2	6.6	5.99	10.5	8.49	500,000
4180	0	35	58.2	6.6	5.99	10.5	8.49	379,000
4181	0	35	58.2	6.6	5.99	10.5	8.49	304,000
4182	0	35	58.2	6.6	5.99	10.5	8.49	179,000
4183	0	35	58.2	6.6	5.99	10.5	8.49	142,000
4184	0	35	58.2	6.6	5.99	10.5	8.49	83,200
4185	0	35	58.2	6.6	5.99	10.5	8.49	86,000
4186	0	35	58.2	6.6	5.99	10.5	8.49	64,000
4187	0	35	58.2	6.6	5.99	10.5	8.49	51,600
4188	0	35	58.2	6.6	5.99	10.5	8.49	32,300
4189	0	35	58.2	6.6	5.99	10.5	8.49	26,900
4190	0	35	58.2	6.6	5.99	10.5	8.49	18,400
4191	0	35	58.2	6.6	7.02	6.95	10.75	6,170,000
4192	0	35	58.2	6.6	7.02	6.95	10.75	6,100,000
4193	0	35	58.2	6.6	7.02	6.95	10.75	6,030,000
4194	0	35	58.2	6.6	7.02	6.95	10.75	5,830,000
4195	0	35	58.2	6.6	7.02	6.95	10.75	5,720,000
4196	0	35	58.2	6.6	7.02	6.95	10.75	5,410,000
4197	0	35	58.2	6.6	7.02	6.95	10.75	5,260,000
4198	0	35	58.2	6.6	7.02	6.95	10.75	5,010,000
4199	0	35	58.2	6.6	7.02	6.95	10.75	4,800,000
4200	0	35	58.2	6.6	7.02	6.95	10.75	4,230,000
4201	0	35	58.2	6.6	7.02	6.95	10.75	3,960,000
4202	0	35	58.2	6.6	7.02	6.95	10.75	3,250,000
4203	0	35	58.2	6.6	7.02	6.95	10.75	2,870,000
4204	0	35	58.2	6.6	7.02	6.95	10.75	2,440,000
4205	0	35	58.2	6.6	7.02	6.95	10.75	2,130,000
4206	0	35	58.2	6.6	7.02	6.95	10.75	1,460,000
4207	0	35	58.2	6.6	7.02	6.95	10.75	1,210,000
4208	0	35	58.2	6.6	7.02	6.95	10.75	741,000
4209	0	35	58.2	6.6	7.02	6.95	10.75	731,000
4210	0	35	58.2	6.6	7.02	6.95	10.75	538,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4211	0	35	58.2	6.6	7.02	6.95	10.75	422,000
4212	0	35	58.2	6.6	7.02	6.95	10.75	238,000
4213	0	35	58.2	6.6	7.02	6.95	10.75	186,000
4214	0	35	58.2	6.6	7.02	6.95	10.75	107,000
4215	0	35	58.2	6.6	7.02	6.95	10.75	137,000
4216	0	35	58.2	6.6	7.02	6.95	10.75	101,000
4217	0	35	58.2	6.6	7.02	6.95	10.75	81,400
4218	0	35	58.2	6.6	7.02	6.95	10.75	51,700
4219	0	35	58.2	6.6	7.02	6.95	10.75	43,500
4220	0	35	58.2	6.6	7.02	6.95	10.75	31,000
4221	0	35	58.2	6.6	5.49	8.5	7.58	4,580,000
4222	0	35	58.2	6.6	5.49	8.5	7.58	4,530,000
4223	0	35	58.2	6.6	5.49	8.5	7.58	4,480,000
4224	0	35	58.2	6.6	5.49	8.5	7.58	4,350,000
4225	0	35	58.2	6.6	5.49	8.5	7.58	4,280,000
4226	0	35	58.2	6.6	5.49	8.5	7.58	4,090,000
4227	0	35	58.2	6.6	5.49	8.5	7.58	3,900,000
4228	0	35	58.2	6.6	5.49	8.5	7.58	3,740,000
4229	0	35	58.2	6.6	5.49	8.5	7.58	3,600,000
4230	0	35	58.2	6.6	5.49	8.5	7.58	3,240,000
4231	0	35	58.2	6.6	5.49	8.5	7.58	3,060,000
4232	0	35	58.2	6.6	5.49	8.5	7.58	2,610,000
4233	0	35	58.2	6.6	5.49	8.5	7.58	2,270,000
4234	0	35	58.2	6.6	5.49	8.5	7.58	1,980,000
4235	0	35	58.2	6.6	5.49	8.5	7.58	1,770,000
4236	0	35	58.2	6.6	5.49	8.5	7.58	1,310,000
4237	0	35	58.2	6.6	5.49	8.5	7.58	1,130,000
4238	0	35	58.2	6.6	5.49	8.5	7.58	762,000
4239	0	35	58.2	6.6	5.49	8.5	7.58	776,000
4240	0	35	58.2	6.6	5.49	8.5	7.58	607,000
4241	0	35	58.2	6.6	5.49	8.5	7.58	499,000
4242	0	35	58.2	6.6	5.49	8.5	7.58	309,000
4243	0	35	58.2	6.6	5.49	8.5	7.58	250,000
4244	0	35	58.2	6.6	5.49	8.5	7.58	152,000
4245	0	35	58.2	6.6	5.49	8.5	7.58	226,000
4246	0	35	58.2	6.6	5.49	8.5	7.58	171,000
4247	0	35	58.2	6.6	5.49	8.5	7.58	138,000
4248	0	35	58.2	6.6	5.49	8.5	7.58	87,000
4249	0	35	58.2	6.6	5.49	8.5	7.58	72,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4250	0	35	58.2	6.6	5.49	8.5	7.58	48,600
4251	0	24.4	49.3	5.5	6.23	4	12.14	5,090,000
4252	0	24.4	49.3	5.5	6.23	4	12.14	5,030,000
4253	0	24.4	49.3	5.5	6.23	4	12.14	4,980,000
4254	0	24.4	49.3	5.5	6.23	4	12.14	4,820,000
4255	0	24.4	49.3	5.5	6.23	4	12.14	4,730,000
4256	0	24.4	49.3	5.5	6.23	4	12.14	4,480,000
4257	0	24.4	49.3	5.5	6.23	4	12.14	4,330,000
4258	0	24.4	49.3	5.5	6.23	4	12.14	4,120,000
4259	0	24.4	49.3	5.5	6.23	4	12.14	3,950,000
4260	0	24.4	49.3	5.5	6.23	4	12.14	3,480,000
4261	0	24.4	49.3	5.5	6.23	4	12.14	3,250,000
4262	0	24.4	49.3	5.5	6.23	4	12.14	2,660,000
4263	0	24.4	49.3	5.5	6.23	4	12.14	2,320,000
4264	0	24.4	49.3	5.5	6.23	4	12.14	1,960,000
4265	0	24.4	49.3	5.5	6.23	4	12.14	1,710,000
4266	0	24.4	49.3	5.5	6.23	4	12.14	1,160,000
4267	0	24.4	49.3	5.5	6.23	4	12.14	958,000
4268	0	24.4	49.3	5.5	6.23	4	12.14	584,000
4269	0	24.4	49.3	5.5	6.23	4	12.14	596,000
4270	0	24.4	49.3	5.5	6.23	4	12.14	439,000
4271	0	24.4	49.3	5.5	6.23	4	12.14	346,000
4272	0	24.4	49.3	5.5	6.23	4	12.14	197,000
4273	0	24.4	49.3	5.5	6.23	4	12.14	155,000
4274	0	24.4	49.3	5.5	6.23	4	12.14	91,100
4275	0	24.4	49.3	5.5	6.23	4	12.14	126,000
4276	0	24.4	49.3	5.5	6.23	4	12.14	93,700
4277	0	24.4	49.3	5.5	6.23	4	12.14	75,800
4278	0	24.4	49.3	5.5	6.23	4	12.14	48,900
4279	0	24.4	49.3	5.5	6.23	4	12.14	41,400
4280	0	24.4	49.3	5.5	6.23	4	12.14	29,900
4281	0	24.4	49.3	5.5	5.4	11.3	8.57	3,840,000
4282	0	24.4	49.3	5.5	5.4	11.3	8.57	3,810,000
4283	0	24.4	49.3	5.5	5.4	11.3	8.57	3,780,000
4284	0	24.4	49.3	5.5	5.4	11.3	8.57	3,690,000
4285	0	24.4	49.3	5.5	5.4	11.3	8.57	3,640,000
4286	0	24.4	49.3	5.5	5.4	11.3	8.57	3,500,000
4287	0	24.4	49.3	5.5	5.4	11.3	8.57	3,420,000
4288	0	24.4	49.3	5.5	5.4	11.3	8.57	3,310,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4289	0	24.4	49.3	5.5	5.4	11.3	8.57	3,200,000
4290	0	24.4	49.3	5.5	5.4	11.3	8.57	2,920,000
4291	0	24.4	49.3	5.5	5.4	11.3	8.57	2,780,000
4292	0	24.4	49.3	5.5	5.4	11.3	8.57	2,400,000
4293	0	24.4	49.3	5.5	5.4	11.3	8.57	2,200,000
4294	0	24.4	49.3	5.5	5.4	11.3	8.57	1,950,000
4295	0	24.4	49.3	5.5	5.4	11.3	8.57	1,760,000
4296	0	24.4	49.3	5.5	5.4	11.3	8.57	1,310,000
4297	0	24.4	49.3	5.5	5.4	11.3	8.57	1,130,000
4298	0	24.4	49.3	5.5	5.4	11.3	8.57	765,000
4299	0	24.4	49.3	5.5	5.4	11.3	8.57	794,000
4300	0	24.4	49.3	5.5	5.4	11.3	8.57	619,000
4301	0	24.4	49.3	5.5	5.4	11.3	8.57	507,000
4302	0	24.4	49.3	5.5	5.4	11.3	8.57	311,000
4303	0	24.4	49.3	5.5	5.4	11.3	8.57	251,000
4304	0	24.4	49.3	5.5	5.4	11.3	8.57	153,000
4305	0	24.4	49.3	5.5	5.4	11.3	8.57	211,000
4306	0	24.4	49.3	5.5	5.4	11.3	8.57	160,000
4307	0	24.4	49.3	5.5	5.4	11.3	8.57	130,000
4308	0	24.4	49.3	5.5	5.4	11.3	8.57	83,500
4309	0	24.4	49.3	5.5	5.4	11.3	8.57	70,400
4310	0	24.4	49.3	5.5	5.4	11.3	8.57	49,600
4311	0	24.4	49.3	5.5	5.84	7.75	9.58	3,440,000
4312	0	24.4	49.3	5.5	5.84	7.75	9.58	3,360,000
4313	0	24.4	49.3	5.5	5.84	7.75	9.58	3,290,000
4314	0	24.4	49.3	5.5	5.84	7.75	9.58	3,100,000
4315	0	24.4	49.3	5.5	5.84	7.75	9.58	3,010,000
4316	0	24.4	49.3	5.5	5.84	7.75	9.58	2,770,000
4317	0	24.4	49.3	5.5	5.84	7.75	9.58	2,740,000
4318	0	24.4	49.3	5.5	5.84	7.75	9.58	2,590,000
4319	0	24.4	49.3	5.5	5.84	7.75	9.58	2,460,000
4320	0	24.4	49.3	5.5	5.84	7.75	9.58	2,130,000
4321	0	24.4	49.3	5.5	5.84	7.75	9.58	1,990,000
4322	0	24.4	49.3	5.5	5.84	7.75	9.58	1,630,000
4323	0	24.4	49.3	5.5	5.84	7.75	9.58	1,530,000
4324	0	24.4	49.3	5.5	5.84	7.75	9.58	1,330,000
4325	0	24.4	49.3	5.5	5.84	7.75	9.58	1,180,000
4326	0	24.4	49.3	5.5	5.84	7.75	9.58	874,000
4327	0	24.4	49.3	5.5	5.84	7.75	9.58	755,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4328	0	24.4	49.3	5.5	5.84	7.75	9.58	520,000
4329	0	24.4	49.3	5.5	5.84	7.75	9.58	531,000
4330	0	24.4	49.3	5.5	5.84	7.75	9.58	422,000
4331	0	24.4	49.3	5.5	5.84	7.75	9.58	352,000
4332	0	24.4	49.3	5.5	5.84	7.75	9.58	227,000
4333	0	24.4	49.3	5.5	5.84	7.75	9.58	187,000
4334	0	24.4	49.3	5.5	5.84	7.75	9.58	119,000
4335	0	24.4	49.3	5.5	5.84	7.75	9.58	142,000
4336	0	24.4	49.3	5.5	5.84	7.75	9.58	110,000
4337	0	24.4	49.3	5.5	5.84	7.75	9.58	91,000
4338	0	24.4	49.3	5.5	5.84	7.75	9.58	59,400
4339	0	24.4	49.3	5.5	5.84	7.75	9.58	50,000
4340	0	24.4	49.3	5.5	5.84	7.75	9.58	34,600
4341	0	24.4	49.3	5.5	5.6	4.54	9.34	4,930,000
4342	0	24.4	49.3	5.5	5.6	4.54	9.34	4,880,000
4343	0	24.4	49.3	5.5	5.6	4.54	9.34	4,840,000
4344	0	24.4	49.3	5.5	5.6	4.54	9.34	4,710,000
4345	0	24.4	49.3	5.5	5.6	4.54	9.34	4,650,000
4346	0	24.4	49.3	5.5	5.6	4.54	9.34	4,460,000
4347	0	24.4	49.3	5.5	5.6	4.54	9.34	4,360,000
4348	0	24.4	49.3	5.5	5.6	4.54	9.34	4,210,000
4349	0	24.4	49.3	5.5	5.6	4.54	9.34	4,080,000
4350	0	24.4	49.3	5.5	5.6	4.54	9.34	3,710,000
4351	0	24.4	49.3	5.5	5.6	4.54	9.34	3,530,000
4352	0	24.4	49.3	5.5	5.6	4.54	9.34	3,060,000
4353	0	24.4	49.3	5.5	5.6	4.54	9.34	2,840,000
4354	0	24.4	49.3	5.5	5.6	4.54	9.34	2,530,000
4355	0	24.4	49.3	5.5	5.6	4.54	9.34	2,290,000
4356	0	24.4	49.3	5.5	5.6	4.54	9.34	1,730,000
4357	0	24.4	49.3	5.5	5.6	4.54	9.34	1,500,000
4358	0	24.4	49.3	5.5	5.6	4.54	9.34	1,020,000
4359	0	24.4	49.3	5.5	5.6	4.54	9.34	1,120,000
4360	0	24.4	49.3	5.5	5.6	4.54	9.34	883,000
4361	0	24.4	49.3	5.5	5.6	4.54	9.34	727,000
4362	0	24.4	49.3	5.5	5.6	4.54	9.34	446,000
4363	0	24.4	49.3	5.5	5.6	4.54	9.34	358,000
4364	0	24.4	49.3	5.5	5.6	4.54	9.34	212,000
4365	0	24.4	49.3	5.5	5.6	4.54	9.34	330,000
4366	0	24.4	49.3	5.5	5.6	4.54	9.34	245,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4367	0	24.4	49.3	5.5	5.6	4.54	9.34	196,000
4368	0	24.4	49.3	5.5	5.6	4.54	9.34	118,000
4369	0	24.4	49.3	5.5	5.6	4.54	9.34	96,300
4370	0	24.4	49.3	5.5	5.6	4.54	9.34	62,400
4371	0	24.4	49.3	5.5	6.44	5.84	10.77	4,250,000
4372	0	24.4	49.3	5.5	6.44	5.84	10.77	4,250,000
4373	0	24.4	49.3	5.5	6.44	5.84	10.77	4,250,000
4374	0	24.4	49.3	5.5	6.44	5.84	10.77	4,240,000
4375	0	24.4	49.3	5.5	6.44	5.84	10.77	4,230,000
4376	0	24.4	49.3	5.5	6.44	5.84	10.77	4,210,000
4377	0	24.4	49.3	5.5	6.44	5.84	10.77	4,160,000
4378	0	24.4	49.3	5.5	6.44	5.84	10.77	4,120,000
4379	0	24.4	49.3	5.5	6.44	5.84	10.77	4,080,000
4380	0	24.4	49.3	5.5	6.44	5.84	10.77	3,940,000
4381	0	24.4	49.3	5.5	6.44	5.84	10.77	3,850,000
4382	0	24.4	49.3	5.5	6.44	5.84	10.77	3,560,000
4383	0	24.4	49.3	5.5	6.44	5.84	10.77	3,120,000
4384	0	24.4	49.3	5.5	6.44	5.84	10.77	2,780,000
4385	0	24.4	49.3	5.5	6.44	5.84	10.77	2,490,000
4386	0	24.4	49.3	5.5	6.44	5.84	10.77	1,750,000
4387	0	24.4	49.3	5.5	6.44	5.84	10.77	1,440,000
4388	0	24.4	49.3	5.5	6.44	5.84	10.77	808,000
4389	0	24.4	49.3	5.5	6.44	5.84	10.77	849,000
4390	0	24.4	49.3	5.5	6.44	5.84	10.77	580,000
4391	0	24.4	49.3	5.5	6.44	5.84	10.77	428,000
4392	0	24.4	49.3	5.5	6.44	5.84	10.77	211,000
4393	0	24.4	49.3	5.5	6.44	5.84	10.77	159,000
4394	0	24.4	49.3	5.5	6.44	5.84	10.77	91,300
4395	0	24.4	49.3	5.5	6.44	5.84	10.77	173,000
4396	0	24.4	49.3	5.5	6.44	5.84	10.77	122,000
4397	0	24.4	49.3	5.5	6.44	5.84	10.77	97,200
4398	0	24.4	49.3	5.5	6.44	5.84	10.77	64,000
4399	0	24.4	49.3	5.5	6.44	5.84	10.77	56,000
4400	0	24.4	49.3	5.5	6.44	5.84	10.77	44,800
4401	0	23.4	48.9	5	6.38	8.95	9.92	4,270,000
4402	0	23.4	48.9	5	6.38	8.95	9.92	4,260,000
4403	0	23.4	48.9	5	6.38	8.95	9.92	4,250,000
4404	0	23.4	48.9	5	6.38	8.95	9.92	4,210,000
4405	0	23.4	48.9	5	6.38	8.95	9.92	4,200,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4406	0	23.4	48.9	5	6.38	8.95	9.92	4,140,000
4407	0	23.4	48.9	5	6.38	8.95	9.92	3,950,000
4408	0	23.4	48.9	5	6.38	8.95	9.92	3,870,000
4409	0	23.4	48.9	5	6.38	8.95	9.92	3,800,000
4410	0	23.4	48.9	5	6.38	8.95	9.92	3,600,000
4411	0	23.4	48.9	5	6.38	8.95	9.92	3,490,000
4412	0	23.4	48.9	5	6.38	8.95	9.92	3,200,000
4413	0	23.4	48.9	5	6.38	8.95	9.92	2,530,000
4414	0	23.4	48.9	5	6.38	8.95	9.92	2,260,000
4415	0	23.4	48.9	5	6.38	8.95	9.92	2,060,000
4416	0	23.4	48.9	5	6.38	8.95	9.92	1,570,000
4417	0	23.4	48.9	5	6.38	8.95	9.92	1,360,000
4418	0	23.4	48.9	5	6.38	8.95	9.92	932,000
4419	0	23.4	48.9	5	6.38	8.95	9.92	809,000
4420	0	23.4	48.9	5	6.38	8.95	9.92	623,000
4421	0	23.4	48.9	5	6.38	8.95	9.92	504,000
4422	0	23.4	48.9	5	6.38	8.95	9.92	299,000
4423	0	23.4	48.9	5	6.38	8.95	9.92	237,000
4424	0	23.4	48.9	5	6.38	8.95	9.92	138,000
4425	0	23.4	48.9	5	6.38	8.95	9.92	239,000
4426	0	23.4	48.9	5	6.38	8.95	9.92	176,000
4427	0	23.4	48.9	5	6.38	8.95	9.92	139,000
4428	0	23.4	48.9	5	6.38	8.95	9.92	83,800
4429	0	23.4	48.9	5	6.38	8.95	9.92	68,500
4430	0	23.4	48.9	5	6.38	8.95	9.92	45,000
4431	0	23.4	48.9	5	5.45	8.7	8.25	5,970,000
4432	0	23.4	48.9	5	5.45	8.7	8.25	5,940,000
4433	0	23.4	48.9	5	5.45	8.7	8.25	5,920,000
4434	0	23.4	48.9	5	5.45	8.7	8.25	5,840,000
4435	0	23.4	48.9	5	5.45	8.7	8.25	5,800,000
4436	0	23.4	48.9	5	5.45	8.7	8.25	5,670,000
4437	0	23.4	48.9	5	5.45	8.7	8.25	5,430,000
4438	0	23.4	48.9	5	5.45	8.7	8.25	5,290,000
4439	0	23.4	48.9	5	5.45	8.7	8.25	5,160,000
4440	0	23.4	48.9	5	5.45	8.7	8.25	4,790,000
4441	0	23.4	48.9	5	5.45	8.7	8.25	4,590,000
4442	0	23.4	48.9	5	5.45	8.7	8.25	4,060,000
4443	0	23.4	48.9	5	5.45	8.7	8.25	3,300,000
4444	0	23.4	48.9	5	5.45	8.7	8.25	2,890,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4445	0	23.4	48.9	5	5.45	8.7	8.25	2,580,000
4446	0	23.4	48.9	5	5.45	8.7	8.25	1,870,000
4447	0	23.4	48.9	5	5.45	8.7	8.25	1,590,000
4448	0	23.4	48.9	5	5.45	8.7	8.25	1,020,000
4449	0	23.4	48.9	5	5.45	8.7	8.25	867,000
4450	0	23.4	48.9	5	5.45	8.7	8.25	646,000
4451	0	23.4	48.9	5	5.45	8.7	8.25	511,000
4452	0	23.4	48.9	5	5.45	8.7	8.25	292,000
4453	0	23.4	48.9	5	5.45	8.7	8.25	229,000
4454	0	23.4	48.9	5	5.45	8.7	8.25	134,000
4455	0	23.4	48.9	5	5.45	8.7	8.25	174,000
4456	0	23.4	48.9	5	5.45	8.7	8.25	129,000
4457	0	23.4	48.9	5	5.45	8.7	8.25	105,000
4458	0	23.4	48.9	5	5.45	8.7	8.25	67,300
4459	0	23.4	48.9	5	5.45	8.7	8.25	57,100
4460	0	23.4	48.9	5	5.45	8.7	8.25	41,300
4461	0	23.4	48.9	5	4.81	12.2	6.21	3,440,000
4462	0	23.4	48.9	5	4.81	12.2	6.21	3,360,000
4463	0	23.4	48.9	5	4.81	12.2	6.21	3,290,000
4464	0	23.4	48.9	5	4.81	12.2	6.21	3,100,000
4465	0	23.4	48.9	5	4.81	12.2	6.21	3,010,000
4466	0	23.4	48.9	5	4.81	12.2	6.21	2,770,000
4467	0	23.4	48.9	5	4.81	12.2	6.21	2,740,000
4468	0	23.4	48.9	5	4.81	12.2	6.21	2,590,000
4469	0	23.4	48.9	5	4.81	12.2	6.21	2,460,000
4470	0	23.4	48.9	5	4.81	12.2	6.21	2,130,000
4471	0	23.4	48.9	5	4.81	12.2	6.21	1,990,000
4472	0	23.4	48.9	5	4.81	12.2	6.21	1,630,000
4473	0	23.4	48.9	5	4.81	12.2	6.21	1,530,000
4474	0	23.4	48.9	5	4.81	12.2	6.21	1,330,000
4475	0	23.4	48.9	5	4.81	12.2	6.21	1,180,000
4476	0	23.4	48.9	5	4.81	12.2	6.21	874,000
4477	0	23.4	48.9	5	4.81	12.2	6.21	755,000
4478	0	23.4	48.9	5	4.81	12.2	6.21	520,000
4479	0	23.4	48.9	5	4.81	12.2	6.21	531,000
4480	0	23.4	48.9	5	4.81	12.2	6.21	422,000
4481	0	23.4	48.9	5	4.81	12.2	6.21	352,000
4482	0	23.4	48.9	5	4.81	12.2	6.21	227,000
4483	0	23.4	48.9	5	4.81	12.2	6.21	187,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4484	0	23.4	48.9	5	4.81	12.2	6.21	119,000
4485	0	23.4	48.9	5	4.81	12.2	6.21	142,000
4486	0	23.4	48.9	5	4.81	12.2	6.21	110,000
4487	0	23.4	48.9	5	4.81	12.2	6.21	91,000
4488	0	23.4	48.9	5	4.81	12.2	6.21	59,400
4489	0	23.4	48.9	5	4.81	12.2	6.21	50,000
4490	0	23.4	48.9	5	4.81	12.2	6.21	34,600
4491	0	23.4	48.9	5	6.15	11.03	8.87	4,390,000
4492	0	23.4	48.9	5	6.15	11.03	8.87	4,340,000
4493	0	23.4	48.9	5	6.15	11.03	8.87	4,300,000
4494	0	23.4	48.9	5	6.15	11.03	8.87	4,180,000
4495	0	23.4	48.9	5	6.15	11.03	8.87	4,120,000
4496	0	23.4	48.9	5	6.15	11.03	8.87	3,950,000
4497	0	23.4	48.9	5	6.15	11.03	8.87	3,790,000
4498	0	23.4	48.9	5	6.15	11.03	8.87	3,650,000
4499	0	23.4	48.9	5	6.15	11.03	8.87	3,530,000
4500	0	23.4	48.9	5	6.15	11.03	8.87	3,200,000
4501	0	23.4	48.9	5	6.15	11.03	8.87	3,050,000
4502	0	23.4	48.9	5	6.15	11.03	8.87	2,640,000
4503	0	23.4	48.9	5	6.15	11.03	8.87	2,330,000
4504	0	23.4	48.9	5	6.15	11.03	8.87	2,070,000
4505	0	23.4	48.9	5	6.15	11.03	8.87	1,870,000
4506	0	23.4	48.9	5	6.15	11.03	8.87	1,420,000
4507	0	23.4	48.9	5	6.15	11.03	8.87	1,240,000
4508	0	23.4	48.9	5	6.15	11.03	8.87	870,000
4509	0	23.4	48.9	5	6.15	11.03	8.87	875,000
4510	0	23.4	48.9	5	6.15	11.03	8.87	698,000
4511	0	23.4	48.9	5	6.15	11.03	8.87	582,000
4512	0	23.4	48.9	5	6.15	11.03	8.87	371,000
4513	0	23.4	48.9	5	6.15	11.03	8.87	303,000
4514	0	23.4	48.9	5	6.15	11.03	8.87	188,000
4515	0	23.4	48.9	5	6.15	11.03	8.87	269,000
4516	0	23.4	48.9	5	6.15	11.03	8.87	205,000
4517	0	23.4	48.9	5	6.15	11.03	8.87	167,000
4518	0	23.4	48.9	5	6.15	11.03	8.87	106,000
4519	0	23.4	48.9	5	6.15	11.03	8.87	87,500
4520	0	23.4	48.9	5	6.15	11.03	8.87	58,600
4521	0	23.4	48.9	5	6.25	4.45	10.51	5,970,000
4522	0	23.4	48.9	5	6.25	4.45	10.51	5,930,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4523	0	23.4	48.9	5	6.25	4.45	10.51	5,880,000
4524	0	23.4	48.9	5	6.25	4.45	10.51	5,750,000
4525	0	23.4	48.9	5	6.25	4.45	10.51	5,690,000
4526	0	23.4	48.9	5	6.25	4.45	10.51	5,490,000
4527	0	23.4	48.9	5	6.25	4.45	10.51	5,300,000
4528	0	23.4	48.9	5	6.25	4.45	10.51	5,120,000
4529	0	23.4	48.9	5	6.25	4.45	10.51	4,980,000
4530	0	23.4	48.9	5	6.25	4.45	10.51	4,570,000
4531	0	23.4	48.9	5	6.25	4.45	10.51	4,370,000
4532	0	23.4	48.9	5	6.25	4.45	10.51	3,830,000
4533	0	23.4	48.9	5	6.25	4.45	10.51	3,330,000
4534	0	23.4	48.9	5	6.25	4.45	10.51	2,970,000
4535	0	23.4	48.9	5	6.25	4.45	10.51	2,680,000
4536	0	23.4	48.9	5	6.25	4.45	10.51	2,040,000
4537	0	23.4	48.9	5	6.25	4.45	10.51	1,770,000
4538	0	23.4	48.9	5	6.25	4.45	10.51	1,230,000
4539	0	23.4	48.9	5	6.25	4.45	10.51	1,140,000
4540	0	23.4	48.9	5	6.25	4.45	10.51	894,000
4541	0	23.4	48.9	5	6.25	4.45	10.51	735,000
4542	0	23.4	48.9	5	6.25	4.45	10.51	455,000
4543	0	23.4	48.9	5	6.25	4.45	10.51	367,000
4544	0	23.4	48.9	5	6.25	4.45	10.51	223,000
4545	0	23.4	48.9	5	6.25	4.45	10.51	278,000
4546	0	23.4	48.9	5	6.25	4.45	10.51	210,000
4547	0	23.4	48.9	5	6.25	4.45	10.51	171,000
4548	0	23.4	48.9	5	6.25	4.45	10.51	108,000
4549	0	23.4	48.9	5	6.25	4.45	10.51	90,500
4550	0	23.4	48.9	5	6.25	4.45	10.51	62,200
4551	0	23.4	48.9	5	5.44	7.03	8.78	4,670,000
4552	0	23.4	48.9	5	5.44	7.03	8.78	4,670,000
4553	0	23.4	48.9	5	5.44	7.03	8.78	4,670,000
4554	0	23.4	48.9	5	5.44	7.03	8.78	4,650,000
4555	0	23.4	48.9	5	5.44	7.03	8.78	4,650,000
4556	0	23.4	48.9	5	5.44	7.03	8.78	4,630,000
4557	0	23.4	48.9	5	5.44	7.03	8.78	4,530,000
4558	0	23.4	48.9	5	5.44	7.03	8.78	4,490,000
4559	0	23.4	48.9	5	5.44	7.03	8.78	4,450,000
4560	0	23.4	48.9	5	5.44	7.03	8.78	4,330,000
4561	0	23.4	48.9	5	5.44	7.03	8.78	4,250,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4562	0	23.4	48.9	5	5.44	7.03	8.78	4,030,000
4563	0	23.4	48.9	5	5.44	7.03	8.78	3,380,000
4564	0	23.4	48.9	5	5.44	7.03	8.78	3,090,000
4565	0	23.4	48.9	5	5.44	7.03	8.78	2,850,000
4566	0	23.4	48.9	5	5.44	7.03	8.78	2,240,000
4567	0	23.4	48.9	5	5.44	7.03	8.78	1,970,000
4568	0	23.4	48.9	5	5.44	7.03	8.78	1,350,000
4569	0	23.4	48.9	5	5.44	7.03	8.78	984,000
4570	0	23.4	48.9	5	5.44	7.03	8.78	732,000
4571	0	23.4	48.9	5	5.44	7.03	8.78	575,000
4572	0	23.4	48.9	5	5.44	7.03	8.78	319,000
4573	0	23.4	48.9	5	5.44	7.03	8.78	247,000
4574	0	23.4	48.9	5	5.44	7.03	8.78	139,000
4575	0	23.4	48.9	5	5.44	7.03	8.78	180,000
4576	0	23.4	48.9	5	5.44	7.03	8.78	131,000
4577	0	23.4	48.9	5	5.44	7.03	8.78	105,000
4578	0	23.4	48.9	5	5.44	7.03	8.78	67,400
4579	0	23.4	48.9	5	5.44	7.03	8.78	57,400
4580	0	23.4	48.9	5	5.44	7.03	8.78	42,500
4581	0	24.4	49.3	5.5	5.76	10.55	8.69	4,740,000
4582	0	24.4	49.3	5.5	5.76	10.55	8.69	4,650,000
4583	0	24.4	49.3	5.5	5.76	10.55	8.69	4,580,000
4584	0	24.4	49.3	5.5	5.76	10.55	8.69	4,350,000
4585	0	24.4	49.3	5.5	5.76	10.55	8.69	4,230,000
4586	0	24.4	49.3	5.5	5.76	10.55	8.69	3,900,000
4587	0	24.4	49.3	5.5	5.76	10.55	8.69	3,830,000
4588	0	24.4	49.3	5.5	5.76	10.55	8.69	3,590,000
4589	0	24.4	49.3	5.5	5.76	10.55	8.69	3,400,000
4590	0	24.4	49.3	5.5	5.76	10.55	8.69	2,890,000
4591	0	24.4	49.3	5.5	5.76	10.55	8.69	2,660,000
4592	0	24.4	49.3	5.5	5.76	10.55	8.69	2,090,000
4593	0	24.4	49.3	5.5	5.76	10.55	8.69	1,980,000
4594	0	24.4	49.3	5.5	5.76	10.55	8.69	1,670,000
4595	0	24.4	49.3	5.5	5.76	10.55	8.69	1,440,000
4596	0	24.4	49.3	5.5	5.76	10.55	8.69	977,000
4597	0	24.4	49.3	5.5	5.76	10.55	8.69	810,000
4598	0	24.4	49.3	5.5	5.76	10.55	8.69	503,000
4599	0	24.4	49.3	5.5	5.76	10.55	8.69	608,000
4600	0	24.4	49.3	5.5	5.76	10.55	8.69	459,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4601	0	24.4	49.3	5.5	5.76	10.55	8.69	368,000
4602	0	24.4	49.3	5.5	5.76	10.55	8.69	218,000
4603	0	24.4	49.3	5.5	5.76	10.55	8.69	174,000
4604	0	24.4	49.3	5.5	5.76	10.55	8.69	106,000
4605	0	24.4	49.3	5.5	5.76	10.55	8.69	172,000
4606	0	24.4	49.3	5.5	5.76	10.55	8.69	129,000
4607	0	24.4	49.3	5.5	5.76	10.55	8.69	104,000
4608	0	24.4	49.3	5.5	5.76	10.55	8.69	66,700
4609	0	24.4	49.3	5.5	5.76	10.55	8.69	56,100
4610	0	24.4	49.3	5.5	5.76	10.55	8.69	39,400
4611	0	24.4	49.3	5.5	6.27	3.99	11.32	5,450,000
4612	0	24.4	49.3	5.5	6.27	3.99	11.32	5,430,000
4613	0	24.4	49.3	5.5	6.27	3.99	11.32	5,410,000
4614	0	24.4	49.3	5.5	6.27	3.99	11.32	5,340,000
4615	0	24.4	49.3	5.5	6.27	3.99	11.32	5,310,000
4616	0	24.4	49.3	5.5	6.27	3.99	11.32	5,200,000
4617	0	24.4	49.3	5.5	6.27	3.99	11.32	4,960,000
4618	0	24.4	49.3	5.5	6.27	3.99	11.32	4,830,000
4619	0	24.4	49.3	5.5	6.27	3.99	11.32	4,710,000
4620	0	24.4	49.3	5.5	6.27	3.99	11.32	4,370,000
4621	0	24.4	49.3	5.5	6.27	3.99	11.32	4,190,000
4622	0	24.4	49.3	5.5	6.27	3.99	11.32	3,690,000
4623	0	24.4	49.3	5.5	6.27	3.99	11.32	2,950,000
4624	0	24.4	49.3	5.5	6.27	3.99	11.32	2,570,000
4625	0	24.4	49.3	5.5	6.27	3.99	11.32	2,280,000
4626	0	24.4	49.3	5.5	6.27	3.99	11.32	1,620,000
4627	0	24.4	49.3	5.5	6.27	3.99	11.32	1,370,000
4628	0	24.4	49.3	5.5	6.27	3.99	11.32	861,000
4629	0	24.4	49.3	5.5	6.27	3.99	11.32	743,000
4630	0	24.4	49.3	5.5	6.27	3.99	11.32	548,000
4631	0	24.4	49.3	5.5	6.27	3.99	11.32	430,000
4632	0	24.4	49.3	5.5	6.27	3.99	11.32	242,000
4633	0	24.4	49.3	5.5	6.27	3.99	11.32	189,000
4634	0	24.4	49.3	5.5	6.27	3.99	11.32	110,000
4635	0	24.4	49.3	5.5	6.27	3.99	11.32	155,000
4636	0	24.4	49.3	5.5	6.27	3.99	11.32	114,000
4637	0	24.4	49.3	5.5	6.27	3.99	11.32	92,000
4638	0	24.4	49.3	5.5	6.27	3.99	11.32	58,600
4639	0	24.4	49.3	5.5	6.27	3.99	11.32	49,500

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4640	0	24.4	49.3	5.5	6.27	3.99	11.32	35,600
4641	0	35	58.2	6.6	5.93	4.7	8.66	5,760,000
4642	0	35	58.2	6.6	5.93	4.7	8.66	5,670,000
4643	0	35	58.2	6.6	5.93	4.7	8.66	5,590,000
4644	0	35	58.2	6.6	5.93	4.7	8.66	5,380,000
4645	0	35	58.2	6.6	5.93	4.7	8.66	5,260,000
4646	0	35	58.2	6.6	5.93	4.7	8.66	4,960,000
4647	0	35	58.2	6.6	5.93	4.7	8.66	4,970,000
4648	0	35	58.2	6.6	5.93	4.7	8.66	4,760,000
4649	0	35	58.2	6.6	5.93	4.7	8.66	4,590,000
4650	0	35	58.2	6.6	5.93	4.7	8.66	4,130,000
4651	0	35	58.2	6.6	5.93	4.7	8.66	3,910,000
4652	0	35	58.2	6.6	5.93	4.7	8.66	3,340,000
4653	0	35	58.2	6.6	5.93	4.7	8.66	3,170,000
4654	0	35	58.2	6.6	5.93	4.7	8.66	2,820,000
4655	0	35	58.2	6.6	5.93	4.7	8.66	2,550,000
4656	0	35	58.2	6.6	5.93	4.7	8.66	1,940,000
4657	0	35	58.2	6.6	5.93	4.7	8.66	1,700,000
4658	0	35	58.2	6.6	5.93	4.7	8.66	1,180,000
4659	0	35	58.2	6.6	5.93	4.7	8.66	1,140,000
4660	0	35	58.2	6.6	5.93	4.7	8.66	897,000
4661	0	35	58.2	6.6	5.93	4.7	8.66	738,000
4662	0	35	58.2	6.6	5.93	4.7	8.66	451,000
4663	0	35	58.2	6.6	5.93	4.7	8.66	360,000
4664	0	35	58.2	6.6	5.93	4.7	8.66	208,000
4665	0	35	58.2	6.6	5.93	4.7	8.66	224,000
4666	0	35	58.2	6.6	5.93	4.7	8.66	163,000
4667	0	35	58.2	6.6	5.93	4.7	8.66	129,000
4668	0	35	58.2	6.6	5.93	4.7	8.66	75,000
4669	0	35	58.2	6.6	5.93	4.7	8.66	60,000
4670	0	35	58.2	6.6	5.93	4.7	8.66	37,200
4671	0	35	58.2	6.6	5.89	7.3	9.12	3,240,000
4672	0	35	58.2	6.6	5.89	7.3	9.12	3,230,000
4673	0	35	58.2	6.6	5.89	7.3	9.12	3,220,000
4674	0	35	58.2	6.6	5.89	7.3	9.12	3,200,000
4675	0	35	58.2	6.6	5.89	7.3	9.12	3,190,000
4676	0	35	58.2	6.6	5.89	7.3	9.12	3,150,000
4677	0	35	58.2	6.6	5.89	7.3	9.12	3,060,000
4678	0	35	58.2	6.6	5.89	7.3	9.12	3,010,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4679	0	35	58.2	6.6	5.89	7.3	9.12	2,960,000
4680	0	35	58.2	6.6	5.89	7.3	9.12	2,810,000
4681	0	35	58.2	6.6	5.89	7.3	9.12	2,730,000
4682	0	35	58.2	6.6	5.89	7.3	9.12	2,490,000
4683	0	35	58.2	6.6	5.89	7.3	9.12	2,130,000
4684	0	35	58.2	6.6	5.89	7.3	9.12	1,910,000
4685	0	35	58.2	6.6	5.89	7.3	9.12	1,740,000
4686	0	35	58.2	6.6	5.89	7.3	9.12	1,310,000
4687	0	35	58.2	6.6	5.89	7.3	9.12	1,130,000
4688	0	35	58.2	6.6	5.89	7.3	9.12	746,000
4689	0	35	58.2	6.6	5.89	7.3	9.12	708,000
4690	0	35	58.2	6.6	5.89	7.3	9.12	535,000
4691	0	35	58.2	6.6	5.89	7.3	9.12	427,000
4692	0	35	58.2	6.6	5.89	7.3	9.12	244,000
4693	0	35	58.2	6.6	5.89	7.3	9.12	191,000
4694	0	35	58.2	6.6	5.89	7.3	9.12	110,000
4695	0	35	58.2	6.6	5.89	7.3	9.12	182,000
4696	0	35	58.2	6.6	5.89	7.3	9.12	133,000
4697	0	35	58.2	6.6	5.89	7.3	9.12	105,000
4698	0	35	58.2	6.6	5.89	7.3	9.12	65,400
4699	0	35	58.2	6.6	5.89	7.3	9.12	54,700
4700	0	35	58.2	6.6	5.89	7.3	9.12	38,600
4701	0	23.4	48.9	5	5.24	6.6	7.69	3,540,000
4702	0	23.4	48.9	5	5.24	6.6	7.69	3,450,000
4703	0	23.4	48.9	5	5.24	6.6	7.69	3,370,000
4704	0	23.4	48.9	5	5.24	6.6	7.69	3,140,000
4705	0	23.4	48.9	5	5.24	6.6	7.69	3,020,000
4706	0	23.4	48.9	5	5.24	6.6	7.69	2,690,000
4707	0	23.4	48.9	5	5.24	6.6	7.69	2,920,000
4708	0	23.4	48.9	5	5.24	6.6	7.69	2,730,000
4709	0	23.4	48.9	5	5.24	6.6	7.69	2,570,000
4710	0	23.4	48.9	5	5.24	6.6	7.69	2,150,000
4711	0	23.4	48.9	5	5.24	6.6	7.69	1,960,000
4712	0	23.4	48.9	5	5.24	6.6	7.69	1,510,000
4713	0	23.4	48.9	5	5.24	6.6	7.69	1,630,000
4714	0	23.4	48.9	5	5.24	6.6	7.69	1,370,000
4715	0	23.4	48.9	5	5.24	6.6	7.69	1,190,000
4716	0	23.4	48.9	5	5.24	6.6	7.69	804,000
4717	0	23.4	48.9	5	5.24	6.6	7.69	667,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4718	0	23.4	48.9	5	5.24	6.6	7.69	416,000
4719	0	23.4	48.9	5	5.24	6.6	7.69	539,000
4720	0	23.4	48.9	5	5.24	6.6	7.69	409,000
4721	0	23.4	48.9	5	5.24	6.6	7.69	330,000
4722	0	23.4	48.9	5	5.24	6.6	7.69	200,000
4723	0	23.4	48.9	5	5.24	6.6	7.69	161,000
4724	0	23.4	48.9	5	5.24	6.6	7.69	101,000
4725	0	23.4	48.9	5	5.24	6.6	7.69	148,000
4726	0	23.4	48.9	5	5.24	6.6	7.69	113,000
4727	0	23.4	48.9	5	5.24	6.6	7.69	93,800
4728	0	23.4	48.9	5	5.24	6.6	7.69	63,400
4729	0	23.4	48.9	5	5.24	6.6	7.69	54,700
4730	0	23.4	48.9	5	5.24	6.6	7.69	41,000
4731	0	35	58.2	6.6	6.28	6.9	9.05	2,620,000
4732	0	35	58.2	6.6	6.28	6.9	9.05	2,590,000
4733	0	35	58.2	6.6	6.28	6.9	9.05	2,570,000
4734	0	35	58.2	6.6	6.28	6.9	9.05	2,500,000
4735	0	35	58.2	6.6	6.28	6.9	9.05	2,460,000
4736	0	35	58.2	6.6	6.28	6.9	9.05	2,340,000
4737	0	35	58.2	6.6	6.28	6.9	9.05	2,220,000
4738	0	35	58.2	6.6	6.28	6.9	9.05	2,100,000
4739	0	35	58.2	6.6	6.28	6.9	9.05	1,990,000
4740	0	35	58.2	6.6	6.28	6.9	9.05	1,700,000
4741	0	35	58.2	6.6	6.28	6.9	9.05	1,560,000
4742	0	35	58.2	6.6	6.28	6.9	9.05	1,200,000
4743	0	35	58.2	6.6	6.28	6.9	9.05	1,010,000
4744	0	35	58.2	6.6	6.28	6.9	9.05	817,000
4745	0	35	58.2	6.6	6.28	6.9	9.05	680,000
4746	0	35	58.2	6.6	6.28	6.9	9.05	420,000
4747	0	35	58.2	6.6	6.28	6.9	9.05	335,000
4748	0	35	58.2	6.6	6.28	6.9	9.05	196,000
4749	0	35	58.2	6.6	6.28	6.9	9.05	303,000
4750	0	35	58.2	6.6	6.28	6.9	9.05	223,000
4751	0	35	58.2	6.6	6.28	6.9	9.05	177,000
4752	0	35	58.2	6.6	6.28	6.9	9.05	107,000
4753	0	35	58.2	6.6	6.28	6.9	9.05	88,300
4754	0	35	58.2	6.6	6.28	6.9	9.05	59,900
4755	0	35	58.2	6.6	6.28	6.9	9.05	151,000
4756	0	35	58.2	6.6	6.28	6.9	9.05	114,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4757	0	35	58.2	6.6	6.28	6.9	9.05	93,300
4758	0	35	58.2	6.6	6.28	6.9	9.05	62,600
4759	0	35	58.2	6.6	6.28	6.9	9.05	54,200
4760	0	35	58.2	6.6	6.28	6.9	9.05	41,400
4761	0	23.4	48.9	5	5.55	8.7	8.17	3,700,000
4762	0	23.4	48.9	5	5.55	8.7	8.17	3,630,000
4763	0	23.4	48.9	5	5.55	8.7	8.17	3,570,000
4764	0	23.4	48.9	5	5.55	8.7	8.17	3,390,000
4765	0	23.4	48.9	5	5.55	8.7	8.17	3,300,000
4766	0	23.4	48.9	5	5.55	8.7	8.17	3,010,000
4767	0	23.4	48.9	5	5.55	8.7	8.17	3,070,000
4768	0	23.4	48.9	5	5.55	8.7	8.17	2,880,000
4769	0	23.4	48.9	5	5.55	8.7	8.17	2,710,000
4770	0	23.4	48.9	5	5.55	8.7	8.17	2,260,000
4771	0	23.4	48.9	5	5.55	8.7	8.17	2,050,000
4772	0	23.4	48.9	5	5.55	8.7	8.17	1,530,000
4773	0	23.4	48.9	5	5.55	8.7	8.17	1,520,000
4774	0	23.4	48.9	5	5.55	8.7	8.17	1,230,000
4775	0	23.4	48.9	5	5.55	8.7	8.17	1,030,000
4776	0	23.4	48.9	5	5.55	8.7	8.17	641,000
4777	0	23.4	48.9	5	5.55	8.7	8.17	510,000
4778	0	23.4	48.9	5	5.55	8.7	8.17	291,000
4779	0	23.4	48.9	5	5.55	8.7	8.17	407,000
4780	0	23.4	48.9	5	5.55	8.7	8.17	294,000
4781	0	23.4	48.9	5	5.55	8.7	8.17	230,000
4782	0	23.4	48.9	5	5.55	8.7	8.17	133,000
4783	0	23.4	48.9	5	5.55	8.7	8.17	107,000
4784	0	23.4	48.9	5	5.55	8.7	8.17	68,200
4785	0	23.4	48.9	5	5.55	8.7	8.17	118,000
4786	0	23.4	48.9	5	5.55	8.7	8.17	89,400
4787	0	23.4	48.9	5	5.55	8.7	8.17	73,900
4788	0	23.4	48.9	5	5.55	8.7	8.17	50,900
4789	0	23.4	48.9	5	5.55	8.7	8.17	44,600
4790	0	23.4	48.9	5	5.55	8.7	8.17	34,800
4791	0	35	58.2	6.6	5.78	4.9	8.14	3,740,000
4792	0	35	58.2	6.6	5.78	4.9	8.14	3,650,000
4793	0	35	58.2	6.6	5.78	4.9	8.14	3,570,000
4794	0	35	58.2	6.6	5.78	4.9	8.14	3,330,000
4795	0	35	58.2	6.6	5.78	4.9	8.14	3,200,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4796	0	35	58.2	6.6	5.78	4.9	8.14	2,830,000
4797	0	35	58.2	6.6	5.78	4.9	8.14	3,130,000
4798	0	35	58.2	6.6	5.78	4.9	8.14	2,920,000
4799	0	35	58.2	6.6	5.78	4.9	8.14	2,740,000
4800	0	35	58.2	6.6	5.78	4.9	8.14	2,260,000
4801	0	35	58.2	6.6	5.78	4.9	8.14	2,030,000
4802	0	35	58.2	6.6	5.78	4.9	8.14	1,500,000
4803	0	35	58.2	6.6	5.78	4.9	8.14	1,670,000
4804	0	35	58.2	6.6	5.78	4.9	8.14	1,370,000
4805	0	35	58.2	6.6	5.78	4.9	8.14	1,160,000
4806	0	35	58.2	6.6	5.78	4.9	8.14	732,000
4807	0	35	58.2	6.6	5.78	4.9	8.14	587,000
4808	0	35	58.2	6.6	5.78	4.9	8.14	340,000
4809	0	35	58.2	6.6	5.78	4.9	8.14	455,000
4810	0	35	58.2	6.6	5.78	4.9	8.14	332,000
4811	0	35	58.2	6.6	5.78	4.9	8.14	261,000
4812	0	35	58.2	6.6	5.78	4.9	8.14	152,000
4813	0	35	58.2	6.6	5.78	4.9	8.14	123,000
4814	0	35	58.2	6.6	5.78	4.9	8.14	79,100
4815	0	35	58.2	6.6	5.78	4.9	8.14	108,000
4816	0	35	58.2	6.6	5.78	4.9	8.14	84,000
4817	0	35	58.2	6.6	5.78	4.9	8.14	71,000
4818	0	35	58.2	6.6	5.78	4.9	8.14	51,400
4819	0	35	58.2	6.6	5.78	4.9	8.14	46,000
4820	0	35	58.2	6.6	5.78	4.9	8.14	37,400
4821	0	35	58.2	6.6	5.91	7.2	8.24	2,200,000
4822	0	35	58.2	6.6	5.91	7.2	8.24	2,090,000
4823	0	35	58.2	6.6	5.91	7.2	8.24	1,990,000
4824	0	35	58.2	6.6	5.91	7.2	8.24	1,750,000
4825	0	35	58.2	6.6	5.91	7.2	8.24	1,650,000
4826	0	35	58.2	6.6	5.91	7.2	8.24	1,380,000
4827	0	35	58.2	6.6	5.91	7.2	8.24	1,510,000
4828	0	35	58.2	6.6	5.91	7.2	8.24	1,360,000
4829	0	35	58.2	6.6	5.91	7.2	8.24	1,250,000
4830	0	35	58.2	6.6	5.91	7.2	8.24	990,000
4831	0	35	58.2	6.6	5.91	7.2	8.24	885,000
4832	0	35	58.2	6.6	5.91	7.2	8.24	664,000
4833	0	35	58.2	6.6	5.91	7.2	8.24	678,000
4834	0	35	58.2	6.6	5.91	7.2	8.24	567,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4835	0	35	58.2	6.6	5.91	7.2	8.24	491,000
4836	0	35	58.2	6.6	5.91	7.2	8.24	345,000
4837	0	35	58.2	6.6	5.91	7.2	8.24	294,000
4838	0	35	58.2	6.6	5.91	7.2	8.24	201,000
4839	0	35	58.2	6.6	5.91	7.2	8.24	234,000
4840	0	35	58.2	6.6	5.91	7.2	8.24	188,000
4841	0	35	58.2	6.6	5.91	7.2	8.24	160,000
4842	0	35	58.2	6.6	5.91	7.2	8.24	109,000
4843	0	35	58.2	6.6	5.91	7.2	8.24	93,500
4844	0	35	58.2	6.6	5.91	7.2	8.24	66,200
4845	0	35	58.2	6.6	5.91	7.2	8.24	85,100
4846	0	35	58.2	6.6	5.91	7.2	8.24	69,900
4847	0	35	58.2	6.6	5.91	7.2	8.24	60,700
4848	0	35	58.2	6.6	5.91	7.2	8.24	44,900
4849	0	35	58.2	6.6	5.91	7.2	8.24	39,900
4850	0	35	58.2	6.6	5.91	7.2	8.24	31,200
4851	0	23.4	48.9	5	4.76	9.3	6.47	1,590,000
4852	0	23.4	48.9	5	4.76	9.3	6.47	1,550,000
4853	0	23.4	48.9	5	4.76	9.3	6.47	1,510,000
4854	0	23.4	48.9	5	4.76	9.3	6.47	1,420,000
4855	0	23.4	48.9	5	4.76	9.3	6.47	1,370,000
4856	0	23.4	48.9	5	4.76	9.3	6.47	1,230,000
4857	0	23.4	48.9	5	4.76	9.3	6.47	1,280,000
4858	0	23.4	48.9	5	4.76	9.3	6.47	1,200,000
4859	0	23.4	48.9	5	4.76	9.3	6.47	1,130,000
4860	0	23.4	48.9	5	4.76	9.3	6.47	950,000
4861	0	23.4	48.9	5	4.76	9.3	6.47	869,000
4862	0	23.4	48.9	5	4.76	9.3	6.47	678,000
4863	0	23.4	48.9	5	4.76	9.3	6.47	685,000
4864	0	23.4	48.9	5	4.76	9.3	6.47	580,000
4865	0	23.4	48.9	5	4.76	9.3	6.47	504,000
4866	0	23.4	48.9	5	4.76	9.3	6.47	349,000
4867	0	23.4	48.9	5	4.76	9.3	6.47	294,000
4868	0	23.4	48.9	5	4.76	9.3	6.47	191,000
4869	0	23.4	48.9	5	4.76	9.3	6.47	243,000
4870	0	23.4	48.9	5	4.76	9.3	6.47	189,000
4871	0	23.4	48.9	5	4.76	9.3	6.47	156,000
4872	0	23.4	48.9	5	4.76	9.3	6.47	99,300
4873	0	23.4	48.9	5	4.76	9.3	6.47	82,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4874	0	23.4	48.9	5	4.76	9.3	6.47	54,300
4875	0	23.4	48.9	5	4.76	9.3	6.47	84,800
4876	0	23.4	48.9	5	4.76	9.3	6.47	66,500
4877	0	23.4	48.9	5	4.76	9.3	6.47	55,900
4878	0	23.4	48.9	5	4.76	9.3	6.47	38,700
4879	0	23.4	48.9	5	4.76	9.3	6.47	33,600
4880	0	23.4	48.9	5	4.76	9.3	6.47	25,400
4881	0	23.4	48.9	5	5.61	7	8.41	2,960,000
4882	0	23.4	48.9	5	5.61	7	8.41	2,960,000
4883	0	23.4	48.9	5	5.61	7	8.41	2,960,000
4884	0	23.4	48.9	5	5.61	7	8.41	2,950,000
4885	0	23.4	48.9	5	5.61	7	8.41	2,950,000
4886	0	23.4	48.9	5	5.61	7	8.41	2,940,000
4887	0	23.4	48.9	5	5.61	7	8.41	2,890,000
4888	0	23.4	48.9	5	5.61	7	8.41	2,870,000
4889	0	23.4	48.9	5	5.61	7	8.41	2,840,000
4890	0	23.4	48.9	5	5.61	7	8.41	2,760,000
4891	0	23.4	48.9	5	5.61	7	8.41	2,710,000
4892	0	23.4	48.9	5	5.61	7	8.41	2,550,000
4893	0	23.4	48.9	5	5.61	7	8.41	1,900,000
4894	0	23.4	48.9	5	5.61	7	8.41	1,660,000
4895	0	23.4	48.9	5	5.61	7	8.41	1,460,000
4896	0	23.4	48.9	5	5.61	7	8.41	1,000,000
4897	0	23.4	48.9	5	5.61	7	8.41	822,000
4898	0	23.4	48.9	5	5.61	7	8.41	481,000
4899	0	23.4	48.9	5	5.61	7	8.41	416,000
4900	0	23.4	48.9	5	5.61	7	8.41	297,000
4901	0	23.4	48.9	5	5.61	7	8.41	231,000
4902	0	23.4	48.9	5	5.61	7	8.41	133,000
4903	0	23.4	48.9	5	5.61	7	8.41	109,000
4904	0	23.4	48.9	5	5.61	7	8.41	73,300
4905	0	23.4	48.9	5	5.61	7	8.41	151,000
4906	0	23.4	48.9	5	5.61	7	8.41	114,000
4907	0	23.4	48.9	5	5.61	7	8.41	94,100
4908	0	23.4	48.9	5	5.61	7	8.41	66,100
4909	0	23.4	48.9	5	5.61	7	8.41	58,800
4910	0	23.4	48.9	5	5.61	7	8.41	48,100
4911	0	23.4	48.9	5	5.89	11.3	8.59	2,050,000
4912	0	23.4	48.9	5	5.89	11.3	8.59	2,030,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4913	0	23.4	48.9	5	5.89	11.3	8.59	2,010,000
4914	0	23.4	48.9	5	5.89	11.3	8.59	1,950,000
4915	0	23.4	48.9	5	5.89	11.3	8.59	1,910,000
4916	0	23.4	48.9	5	5.89	11.3	8.59	1,800,000
4917	0	23.4	48.9	5	5.89	11.3	8.59	1,790,000
4918	0	23.4	48.9	5	5.89	11.3	8.59	1,700,000
4919	0	23.4	48.9	5	5.89	11.3	8.59	1,620,000
4920	0	23.4	48.9	5	5.89	11.3	8.59	1,390,000
4921	0	23.4	48.9	5	5.89	11.3	8.59	1,280,000
4922	0	23.4	48.9	5	5.89	11.3	8.59	983,000
4923	0	23.4	48.9	5	5.89	11.3	8.59	924,000
4924	0	23.4	48.9	5	5.89	11.3	8.59	754,000
4925	0	23.4	48.9	5	5.89	11.3	8.59	632,000
4926	0	23.4	48.9	5	5.89	11.3	8.59	392,000
4927	0	23.4	48.9	5	5.89	11.3	8.59	312,000
4928	0	23.4	48.9	5	5.89	11.3	8.59	179,000
4929	0	23.4	48.9	5	5.89	11.3	8.59	249,000
4930	0	23.4	48.9	5	5.89	11.3	8.59	181,000
4931	0	23.4	48.9	5	5.89	11.3	8.59	143,000
4932	0	23.4	48.9	5	5.89	11.3	8.59	85,600
4933	0	23.4	48.9	5	5.89	11.3	8.59	70,400
4934	0	23.4	48.9	5	5.89	11.3	8.59	48,000
4935	0	23.4	48.9	5	5.89	11.3	8.59	83,200
4936	0	23.4	48.9	5	5.89	11.3	8.59	64,700
4937	0	23.4	48.9	5	5.89	11.3	8.59	54,600
4938	0	23.4	48.9	5	5.89	11.3	8.59	39,700
4939	0	23.4	48.9	5	5.89	11.3	8.59	35,700
4940	0	23.4	48.9	5	5.89	11.3	8.59	29,400
4941	0	35	58.2	6.6	5.78	7.5	7.89	2,840,000
4942	0	35	58.2	6.6	5.78	7.5	7.89	2,760,000
4943	0	35	58.2	6.6	5.78	7.5	7.89	2,680,000
4944	0	35	58.2	6.6	5.78	7.5	7.89	2,480,000
4945	0	35	58.2	6.6	5.78	7.5	7.89	2,370,000
4946	0	35	58.2	6.6	5.78	7.5	7.89	2,090,000
4947	0	35	58.2	6.6	5.78	7.5	7.89	2,140,000
4948	0	35	58.2	6.6	5.78	7.5	7.89	1,960,000
4949	0	35	58.2	6.6	5.78	7.5	7.89	1,810,000
4950	0	35	58.2	6.6	5.78	7.5	7.89	1,460,000
4951	0	35	58.2	6.6	5.78	7.5	7.89	1,300,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4952	0	35	58.2	6.6	5.78	7.5	7.89	948,000
4953	0	35	58.2	6.6	5.78	7.5	7.89	926,000
4954	0	35	58.2	6.6	5.78	7.5	7.89	748,000
4955	0	35	58.2	6.6	5.78	7.5	7.89	627,000
4956	0	35	58.2	6.6	5.78	7.5	7.89	400,000
4957	0	35	58.2	6.6	5.78	7.5	7.89	324,000
4958	0	35	58.2	6.6	5.78	7.5	7.89	197,000
4959	0	35	58.2	6.6	5.78	7.5	7.89	259,000
4960	0	35	58.2	6.6	5.78	7.5	7.89	194,000
4961	0	35	58.2	6.6	5.78	7.5	7.89	156,000
4962	0	35	58.2	6.6	5.78	7.5	7.89	96,300
4963	0	35	58.2	6.6	5.78	7.5	7.89	79,100
4964	0	35	58.2	6.6	5.78	7.5	7.89	52,300
4965	0	35	58.2	6.6	5.78	7.5	7.89	85,000
4966	0	35	58.2	6.6	5.78	7.5	7.89	66,300
4967	0	35	58.2	6.6	5.78	7.5	7.89	55,700
4968	0	35	58.2	6.6	5.78	7.5	7.89	39,000
4969	0	35	58.2	6.6	5.78	7.5	7.89	34,200
4970	0	35	58.2	6.6	5.78	7.5	7.89	26,400
4971	0	23.4	48.9	5	5.02	10.4	6.92	1,740,000
4972	0	23.4	48.9	5	5.02	10.4	6.92	1,690,000
4973	0	23.4	48.9	5	5.02	10.4	6.92	1,650,000
4974	0	23.4	48.9	5	5.02	10.4	6.92	1,530,000
4975	0	23.4	48.9	5	5.02	10.4	6.92	1,480,000
4976	0	23.4	48.9	5	5.02	10.4	6.92	1,320,000
4977	0	23.4	48.9	5	5.02	10.4	6.92	1,350,000
4978	0	23.4	48.9	5	5.02	10.4	6.92	1,250,000
4979	0	23.4	48.9	5	5.02	10.4	6.92	1,180,000
4980	0	23.4	48.9	5	5.02	10.4	6.92	980,000
4981	0	23.4	48.9	5	5.02	10.4	6.92	892,000
4982	0	23.4	48.9	5	5.02	10.4	6.92	691,000
4983	0	23.4	48.9	5	5.02	10.4	6.92	690,000
4984	0	23.4	48.9	5	5.02	10.4	6.92	582,000
4985	0	23.4	48.9	5	5.02	10.4	6.92	506,000
4986	0	23.4	48.9	5	5.02	10.4	6.92	353,000
4987	0	23.4	48.9	5	5.02	10.4	6.92	299,000
4988	0	23.4	48.9	5	5.02	10.4	6.92	199,000
4989	0	23.4	48.9	5	5.02	10.4	6.92	260,000
4990	0	23.4	48.9	5	5.02	10.4	6.92	205,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
4991	0	23.4	48.9	5	5.02	10.4	6.92	172,000
4992	0	23.4	48.9	5	5.02	10.4	6.92	114,000
4993	0	23.4	48.9	5	5.02	10.4	6.92	95,900
4994	0	23.4	48.9	5	5.02	10.4	6.92	66,200
4995	0	23.4	48.9	5	5.02	10.4	6.92	108,000
4996	0	23.4	48.9	5	5.02	10.4	6.92	86,500
4997	0	23.4	48.9	5	5.02	10.4	6.92	73,700
4998	0	23.4	48.9	5	5.02	10.4	6.92	52,400
4999	0	23.4	48.9	5	5.02	10.4	6.92	46,000
5000	0	23.4	48.9	5	5.02	10.4	6.92	35,400
5001	1.3	38	56	5.1	5.16	9.01	11.38	2,500,000
5002	1.3	38	56	5.1	5.16	9.01	11.38	2,440,000
5003	1.3	38	56	5.1	5.16	9.01	11.38	2,390,000
5004	1.3	38	56	5.1	5.16	9.01	11.38	2,230,000
5005	1.3	38	56	5.1	5.16	9.01	11.38	2,140,000
5006	1.3	38	56	5.1	5.16	9.01	11.38	1,890,000
5007	1.3	38	56	5.1	5.16	9.01	11.38	1,920,000
5008	1.3	38	56	5.1	5.16	9.01	11.38	1,750,000
5009	1.3	38	56	5.1	5.16	9.01	11.38	1,610,000
5010	1.3	38	56	5.1	5.16	9.01	11.38	1,260,000
5011	1.3	38	56	5.1	5.16	9.01	11.38	1,100,000
5012	1.3	38	56	5.1	5.16	9.01	11.38	755,000
5013	1.3	38	56	5.1	5.16	9.01	11.38	808,000
5014	1.3	38	56	5.1	5.16	9.01	11.38	633,000
5015	1.3	38	56	5.1	5.16	9.01	11.38	516,000
5016	1.3	38	56	5.1	5.16	9.01	11.38	308,000
5017	1.3	38	56	5.1	5.16	9.01	11.38	245,000
5018	1.3	38	56	5.1	5.16	9.01	11.38	144,000
5019	1.3	38	56	5.1	5.16	9.01	11.38	219,000
5020	1.3	38	56	5.1	5.16	9.01	11.38	162,000
5021	1.3	38	56	5.1	5.16	9.01	11.38	129,000
5022	1.3	38	56	5.1	5.16	9.01	11.38	80,900
5023	1.3	38	56	5.1	5.16	9.01	11.38	67,800
5024	1.3	38	56	5.1	5.16	9.01	11.38	48,000
5025	1.3	38	56	5.1	5.16	9.01	11.38	80,800
5026	1.3	38	56	5.1	5.16	9.01	11.38	64,200
5027	1.3	38	56	5.1	5.16	9.01	11.38	55,000
5028	1.3	38	56	5.1	5.16	9.01	11.38	41,000
5029	1.3	38	56	5.1	5.16	9.01	11.38	37,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5030	1.3	38	56	5.1	5.16	9.01	11.38	30,900
5031	1.3	38	56	5.1	5	9.62	11.29	6,250,000
5032	1.3	38	56	5.1	5	9.62	11.29	5,870,000
5033	1.3	38	56	5.1	5	9.62	11.29	5,570,000
5034	1.3	38	56	5.1	5	9.62	11.29	4,830,000
5035	1.3	38	56	5.1	5	9.62	11.29	4,500,000
5036	1.3	38	56	5.1	5	9.62	11.29	3,720,000
5037	1.3	38	56	5.1	5	9.62	11.29	3,890,000
5038	1.3	38	56	5.1	5	9.62	11.29	3,450,000
5039	1.3	38	56	5.1	5	9.62	11.29	3,120,000
5040	1.3	38	56	5.1	5	9.62	11.29	2,390,000
5041	1.3	38	56	5.1	5	9.62	11.29	2,100,000
5042	1.3	38	56	5.1	5	9.62	11.29	1,500,000
5043	1.3	38	56	5.1	5	9.62	11.29	1,570,000
5044	1.3	38	56	5.1	5	9.62	11.29	1,270,000
5045	1.3	38	56	5.1	5	9.62	11.29	1,080,000
5046	1.3	38	56	5.1	5	9.62	11.29	705,000
5047	1.3	38	56	5.1	5	9.62	11.29	580,000
5048	1.3	38	56	5.1	5	9.62	11.29	359,000
5049	1.3	38	56	5.1	5	9.62	11.29	466,000
5050	1.3	38	56	5.1	5	9.62	11.29	353,000
5051	1.3	38	56	5.1	5	9.62	11.29	285,000
5052	1.3	38	56	5.1	5	9.62	11.29	171,000
5053	1.3	38	56	5.1	5	9.62	11.29	137,000
5054	1.3	38	56	5.1	5	9.62	11.29	82,500
5055	1.3	38	56	5.1	5	9.62	11.29	134,000
5056	1.3	38	56	5.1	5	9.62	11.29	99,900
5057	1.3	38	56	5.1	5	9.62	11.29	80,400
5058	1.3	38	56	5.1	5	9.62	11.29	49,400
5059	1.3	38	56	5.1	5	9.62	11.29	40,400
5060	1.3	38	56	5.1	5	9.62	11.29	26,100
5061	1.3	38	56	5.1	4.91	10.81	10.98	4,340,000
5062	1.3	38	56	5.1	4.91	10.81	10.98	4,060,000
5063	1.3	38	56	5.1	4.91	10.81	10.98	3,830,000
5064	1.3	38	56	5.1	4.91	10.81	10.98	3,250,000
5065	1.3	38	56	5.1	4.91	10.81	10.98	3,000,000
5066	1.3	38	56	5.1	4.91	10.81	10.98	2,400,000
5067	1.3	38	56	5.1	4.91	10.81	10.98	2,210,000
5068	1.3	38	56	5.1	4.91	10.81	10.98	1,890,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5069	1.3	38	56	5.1	4.91	10.81	10.98	1,660,000
5070	1.3	38	56	5.1	4.91	10.81	10.98	1,180,000
5071	1.3	38	56	5.1	4.91	10.81	10.98	1,000,000
5072	1.3	38	56	5.1	4.91	10.81	10.98	660,000
5073	1.3	38	56	5.1	4.91	10.81	10.98	608,000
5074	1.3	38	56	5.1	4.91	10.81	10.98	470,000
5075	1.3	38	56	5.1	4.91	10.81	10.98	384,000
5076	1.3	38	56	5.1	4.91	10.81	10.98	237,000
5077	1.3	38	56	5.1	4.91	10.81	10.98	192,000
5078	1.3	38	56	5.1	4.91	10.81	10.98	118,000
5079	1.3	38	56	5.1	4.91	10.81	10.98	156,000
5080	1.3	38	56	5.1	4.91	10.81	10.98	119,000
5081	1.3	38	56	5.1	4.91	10.81	10.98	97,100
5082	1.3	38	56	5.1	4.91	10.81	10.98	62,400
5083	1.3	38	56	5.1	4.91	10.81	10.98	52,300
5084	1.3	38	56	5.1	4.91	10.81	10.98	35,900
5085	1.3	38	56	5.1	4.91	10.81	10.98	60,000
5086	1.3	38	56	5.1	4.91	10.81	10.98	47,700
5087	1.3	38	56	5.1	4.91	10.81	10.98	40,500
5088	1.3	38	56	5.1	4.91	10.81	10.98	28,800
5089	1.3	38	56	5.1	4.91	10.81	10.98	25,300
5090	1.3	38	56	5.1	4.91	10.81	10.98	19,400
5091	1.3	38	56	5.1	4.82	6.71	11.68	2,670,000
5092	1.3	38	56	5.1	4.82	6.71	11.68	2,570,000
5093	1.3	38	56	5.1	4.82	6.71	11.68	2,490,000
5094	1.3	38	56	5.1	4.82	6.71	11.68	2,270,000
5095	1.3	38	56	5.1	4.82	6.71	11.68	2,160,000
5096	1.3	38	56	5.1	4.82	6.71	11.68	1,880,000
5097	1.3	38	56	5.1	4.82	6.71	11.68	1,820,000
5098	1.3	38	56	5.1	4.82	6.71	11.68	1,640,000
5099	1.3	38	56	5.1	4.82	6.71	11.68	1,500,000
5100	1.3	38	56	5.1	4.82	6.71	11.68	1,180,000
5101	1.3	38	56	5.1	4.82	6.71	11.68	1,040,000
5102	1.3	38	56	5.1	4.82	6.71	11.68	744,000
5103	1.3	38	56	5.1	4.82	6.71	11.68	753,000
5104	1.3	38	56	5.1	4.82	6.71	11.68	607,000
5105	1.3	38	56	5.1	4.82	6.71	11.68	508,000
5106	1.3	38	56	5.1	4.82	6.71	11.68	325,000
5107	1.3	38	56	5.1	4.82	6.71	11.68	264,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5108	1.3	38	56	5.1	4.82	6.71	11.68	161,000
5109	1.3	38	56	5.1	4.82	6.71	11.68	246,000
5110	1.3	38	56	5.1	4.82	6.71	11.68	185,000
5111	1.3	38	56	5.1	4.82	6.71	11.68	149,000
5112	1.3	38	56	5.1	4.82	6.71	11.68	90,400
5113	1.3	38	56	5.1	4.82	6.71	11.68	73,300
5114	1.3	38	56	5.1	4.82	6.71	11.68	46,300
5115	1.3	38	56	5.1	4.82	6.71	11.68	102,000
5116	1.3	38	56	5.1	4.82	6.71	11.68	77,000
5117	1.3	38	56	5.1	4.82	6.71	11.68	62,700
5118	1.3	38	56	5.1	4.82	6.71	11.68	40,200
5119	1.3	38	56	5.1	4.82	6.71	11.68	33,800
5120	1.3	38	56	5.1	4.82	6.71	11.68	23,600
5121	1.3	38	56	5.1	5.28	8.14	11.74	2,830,000
5122	1.3	38	56	5.1	5.28	8.14	11.74	2,690,000
5123	1.3	38	56	5.1	5.28	8.14	11.74	2,580,000
5124	1.3	38	56	5.1	5.28	8.14	11.74	2,290,000
5125	1.3	38	56	5.1	5.28	8.14	11.74	2,150,000
5126	1.3	38	56	5.1	5.28	8.14	11.74	1,810,000
5127	1.3	38	56	5.1	5.28	8.14	11.74	1,850,000
5128	1.3	38	56	5.1	5.28	8.14	11.74	1,640,000
5129	1.3	38	56	5.1	5.28	8.14	11.74	1,480,000
5130	1.3	38	56	5.1	5.28	8.14	11.74	1,130,000
5131	1.3	38	56	5.1	5.28	8.14	11.74	981,000
5132	1.3	38	56	5.1	5.28	8.14	11.74	683,000
5133	1.3	38	56	5.1	5.28	8.14	11.74	725,000
5134	1.3	38	56	5.1	5.28	8.14	11.74	578,000
5135	1.3	38	56	5.1	5.28	8.14	11.74	481,000
5136	1.3	38	56	5.1	5.28	8.14	11.74	305,000
5137	1.3	38	56	5.1	5.28	8.14	11.74	248,000
5138	1.3	38	56	5.1	5.28	8.14	11.74	152,000
5139	1.3	38	56	5.1	5.28	8.14	11.74	219,000
5140	1.3	38	56	5.1	5.28	8.14	11.74	166,000
5141	1.3	38	56	5.1	5.28	8.14	11.74	134,000
5142	1.3	38	56	5.1	5.28	8.14	11.74	83,100
5143	1.3	38	56	5.1	5.28	8.14	11.74	68,200
5144	1.3	38	56	5.1	5.28	8.14	11.74	44,700
5145	1.3	38	56	5.1	5.28	8.14	11.74	79,600
5146	1.3	38	56	5.1	5.28	8.14	11.74	61,600

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5147	1.3	38	56	5.1	5.28	8.14	11.74	51,300
5148	1.3	38	56	5.1	5.28	8.14	11.74	34,800
5149	1.3	38	56	5.1	5.28	8.14	11.74	30,000
5150	1.3	38	56	5.1	5.28	8.14	11.74	22,200
5151	26.1	41	52.4	5.1	4.42	6.38	9.96	2,230,000
5152	26.1	41	52.4	5.1	4.42	6.38	9.96	2,150,000
5153	26.1	41	52.4	5.1	4.42	6.38	9.96	2,070,000
5154	26.1	41	52.4	5.1	4.42	6.38	9.96	1,880,000
5155	26.1	41	52.4	5.1	4.42	6.38	9.96	1,780,000
5156	26.1	41	52.4	5.1	4.42	6.38	9.96	1,530,000
5157	26.1	41	52.4	5.1	4.42	6.38	9.96	1,560,000
5158	26.1	41	52.4	5.1	4.42	6.38	9.96	1,410,000
5159	26.1	41	52.4	5.1	4.42	6.38	9.96	1,290,000
5160	26.1	41	52.4	5.1	4.42	6.38	9.96	1,010,000
5161	26.1	41	52.4	5.1	4.42	6.38	9.96	900,000
5162	26.1	41	52.4	5.1	4.42	6.38	9.96	657,000
5163	26.1	41	52.4	5.1	4.42	6.38	9.96	681,000
5164	26.1	41	52.4	5.1	4.42	6.38	9.96	558,000
5165	26.1	41	52.4	5.1	4.42	6.38	9.96	476,000
5166	26.1	41	52.4	5.1	4.42	6.38	9.96	320,000
5167	26.1	41	52.4	5.1	4.42	6.38	9.96	268,000
5168	26.1	41	52.4	5.1	4.42	6.38	9.96	176,000
5169	26.1	41	52.4	5.1	4.42	6.38	9.96	233,000
5170	26.1	41	52.4	5.1	4.42	6.38	9.96	184,000
5171	26.1	41	52.4	5.1	4.42	6.38	9.96	154,000
5172	26.1	41	52.4	5.1	4.42	6.38	9.96	103,000
5173	26.1	41	52.4	5.1	4.42	6.38	9.96	88,000
5174	26.1	41	52.4	5.1	4.42	6.38	9.96	62,800
5175	26.1	41	52.4	5.1	4.42	6.38	9.96	95,800
5176	26.1	41	52.4	5.1	4.42	6.38	9.96	78,100
5177	26.1	41	52.4	5.1	4.42	6.38	9.96	67,600
5178	26.1	41	52.4	5.1	4.42	6.38	9.96	50,200
5179	26.1	41	52.4	5.1	4.42	6.38	9.96	44,800
5180	26.1	41	52.4	5.1	4.42	6.38	9.96	35,900
5181	26.1	41	52.4	5.7	3.97	6.96	9.18	2,230,000
5182	26.1	41	52.4	5.7	3.97	6.96	9.18	2,150,000
5183	26.1	41	52.4	5.7	3.97	6.96	9.18	2,070,000
5184	26.1	41	52.4	5.7	3.97	6.96	9.18	1,880,000
5185	26.1	41	52.4	5.7	3.97	6.96	9.18	1,780,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5186	26.1	41	52.4	5.7	3.97	6.96	9.18	1,530,000
5187	26.1	41	52.4	5.7	3.97	6.96	9.18	1,560,000
5188	26.1	41	52.4	5.7	3.97	6.96	9.18	1,410,000
5189	26.1	41	52.4	5.7	3.97	6.96	9.18	1,290,000
5190	26.1	41	52.4	5.7	3.97	6.96	9.18	1,010,000
5191	26.1	41	52.4	5.7	3.97	6.96	9.18	900,000
5192	26.1	41	52.4	5.7	3.97	6.96	9.18	657,000
5193	26.1	41	52.4	5.7	3.97	6.96	9.18	681,000
5194	26.1	41	52.4	5.7	3.97	6.96	9.18	558,000
5195	26.1	41	52.4	5.7	3.97	6.96	9.18	476,000
5196	26.1	41	52.4	5.7	3.97	6.96	9.18	320,000
5197	26.1	41	52.4	5.7	3.97	6.96	9.18	268,000
5198	26.1	41	52.4	5.7	3.97	6.96	9.18	176,000
5199	26.1	41	52.4	5.7	3.97	6.96	9.18	233,000
5200	26.1	41	52.4	5.7	3.97	6.96	9.18	184,000
5201	26.1	41	52.4	5.7	3.97	6.96	9.18	154,000
5202	26.1	41	52.4	5.7	3.97	6.96	9.18	103,000
5203	26.1	41	52.4	5.7	3.97	6.96	9.18	88,000
5204	26.1	41	52.4	5.7	3.97	6.96	9.18	62,800
5205	26.1	41	52.4	5.7	3.97	6.96	9.18	95,800
5206	26.1	41	52.4	5.7	3.97	6.96	9.18	78,100
5207	26.1	41	52.4	5.7	3.97	6.96	9.18	67,600
5208	26.1	41	52.4	5.7	3.97	6.96	9.18	50,200
5209	26.1	41	52.4	5.7	3.97	6.96	9.18	44,800
5210	26.1	41	52.4	5.7	3.97	6.96	9.18	35,900
5211	1.3	38	56	5.1	4.8	8.6	10.46	2,790,000
5212	1.3	38	56	5.1	4.8	8.6	10.46	2,640,000
5213	1.3	38	56	5.1	4.8	8.6	10.46	2,520,000
5214	1.3	38	56	5.1	4.8	8.6	10.46	2,180,000
5215	1.3	38	56	5.1	4.8	8.6	10.46	2,020,000
5216	1.3	38	56	5.1	4.8	8.6	10.46	1,620,000
5217	1.3	38	56	5.1	4.8	8.6	10.46	1,760,000
5218	1.3	38	56	5.1	4.8	8.6	10.46	1,530,000
5219	1.3	38	56	5.1	4.8	8.6	10.46	1,360,000
5220	1.3	38	56	5.1	4.8	8.6	10.46	977,000
5221	1.3	38	56	5.1	4.8	8.6	10.46	828,000
5222	1.3	38	56	5.1	4.8	8.6	10.46	537,000
5223	1.3	38	56	5.1	4.8	8.6	10.46	606,000
5224	1.3	38	56	5.1	4.8	8.6	10.46	464,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5225	1.3	38	56	5.1	4.8	8.6	10.46	375,000
5226	1.3	38	56	5.1	4.8	8.6	10.46	223,000
5227	1.3	38	56	5.1	4.8	8.6	10.46	177,000
5228	1.3	38	56	5.1	4.8	8.6	10.46	104,000
5229	1.3	38	56	5.1	4.8	8.6	10.46	149,000
5230	1.3	38	56	5.1	4.8	8.6	10.46	111,000
5231	1.3	38	56	5.1	4.8	8.6	10.46	88,600
5232	1.3	38	56	5.1	4.8	8.6	10.46	54,800
5233	1.3	38	56	5.1	4.8	8.6	10.46	45,400
5234	1.3	38	56	5.1	4.8	8.6	10.46	30,900
5235	1.3	38	56	5.1	4.8	8.6	10.46	47,600
5236	1.3	38	56	5.1	4.8	8.6	10.46	37,700
5237	1.3	38	56	5.1	4.8	8.6	10.46	32,100
5238	1.3	38	56	5.1	4.8	8.6	10.46	23,300
5239	1.3	38	56	5.1	4.8	8.6	10.46	20,800
5240	1.3	38	56	5.1	4.8	8.6	10.46	16,600
5241	1.3	38	56	5.1	4.9	11.9	10.31	3,750,000
5242	1.3	38	56	5.1	4.9	11.9	10.31	3,550,000
5243	1.3	38	56	5.1	4.9	11.9	10.31	3,390,000
5244	1.3	38	56	5.1	4.9	11.9	10.31	2,980,000
5245	1.3	38	56	5.1	4.9	11.9	10.31	2,780,000
5246	1.3	38	56	5.1	4.9	11.9	10.31	2,290,000
5247	1.3	38	56	5.1	4.9	11.9	10.31	2,450,000
5248	1.3	38	56	5.1	4.9	11.9	10.31	2,170,000
5249	1.3	38	56	5.1	4.9	11.9	10.31	1,950,000
5250	1.3	38	56	5.1	4.9	11.9	10.31	1,470,000
5251	1.3	38	56	5.1	4.9	11.9	10.31	1,270,000
5252	1.3	38	56	5.1	4.9	11.9	10.31	873,000
5253	1.3	38	56	5.1	4.9	11.9	10.31	950,000
5254	1.3	38	56	5.1	4.9	11.9	10.31	750,000
5255	1.3	38	56	5.1	4.9	11.9	10.31	619,000
5256	1.3	38	56	5.1	4.9	11.9	10.31	382,000
5257	1.3	38	56	5.1	4.9	11.9	10.31	306,000
5258	1.3	38	56	5.1	4.9	11.9	10.31	179,000
5259	1.3	38	56	5.1	4.9	11.9	10.31	249,000
5260	1.3	38	56	5.1	4.9	11.9	10.31	183,000
5261	1.3	38	56	5.1	4.9	11.9	10.31	145,000
5262	1.3	38	56	5.1	4.9	11.9	10.31	85,000
5263	1.3	38	56	5.1	4.9	11.9	10.31	68,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5264	1.3	38	56	5.1	4.9	11.9	10.31	41,900
5265	1.3	38	56	5.1	4.9	11.9	10.31	68,400
5266	1.3	38	56	5.1	4.9	11.9	10.31	51,600
5267	1.3	38	56	5.1	4.9	11.9	10.31	42,100
5268	1.3	38	56	5.1	4.9	11.9	10.31	27,400
5269	1.3	38	56	5.1	4.9	11.9	10.31	23,200
5270	1.3	38	56	5.1	4.9	11.9	10.31	16,600
5271	1.3	38	56	5.1	4.7	11.9	9.89	4,910,000
5272	1.3	38	56	5.1	4.7	11.9	9.89	4,580,000
5273	1.3	38	56	5.1	4.7	11.9	9.89	4,310,000
5274	1.3	38	56	5.1	4.7	11.9	9.89	3,650,000
5275	1.3	38	56	5.1	4.7	11.9	9.89	3,360,000
5276	1.3	38	56	5.1	4.7	11.9	9.89	2,680,000
5277	1.3	38	56	5.1	4.7	11.9	9.89	2,610,000
5278	1.3	38	56	5.1	4.7	11.9	9.89	2,240,000
5279	1.3	38	56	5.1	4.7	11.9	9.89	1,970,000
5280	1.3	38	56	5.1	4.7	11.9	9.89	1,420,000
5281	1.3	38	56	5.1	4.7	11.9	9.89	1,210,000
5282	1.3	38	56	5.1	4.7	11.9	9.89	804,000
5283	1.3	38	56	5.1	4.7	11.9	9.89	806,000
5284	1.3	38	56	5.1	4.7	11.9	9.89	627,000
5285	1.3	38	56	5.1	4.7	11.9	9.89	513,000
5286	1.3	38	56	5.1	4.7	11.9	9.89	315,000
5287	1.3	38	56	5.1	4.7	11.9	9.89	254,000
5288	1.3	38	56	5.1	4.7	11.9	9.89	152,000
5289	1.3	38	56	5.1	4.7	11.9	9.89	220,000
5290	1.3	38	56	5.1	4.7	11.9	9.89	165,000
5291	1.3	38	56	5.1	4.7	11.9	9.89	132,000
5292	1.3	38	56	5.1	4.7	11.9	9.89	80,100
5293	1.3	38	56	5.1	4.7	11.9	9.89	65,100
5294	1.3	38	56	5.1	4.7	11.9	9.89	41,300
5295	1.3	38	56	5.1	4.7	11.9	9.89	80,500
5296	1.3	38	56	5.1	4.7	11.9	9.89	61,300
5297	1.3	38	56	5.1	4.7	11.9	9.89	50,200
5298	1.3	38	56	5.1	4.7	11.9	9.89	32,600
5299	1.3	38	56	5.1	4.7	11.9	9.89	27,500
5300	1.3	38	56	5.1	4.7	11.9	9.89	19,200
5301	1.3	38	56	5.1	4.9	7.7	10.96	2,560,000
5302	1.3	38	56	5.1	4.9	7.7	10.96	2,510,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5303	1.3	38	56	5.1	4.9	7.7	10.96	2,460,000
5304	1.3	38	56	5.1	4.9	7.7	10.96	2,320,000
5305	1.3	38	56	5.1	4.9	7.7	10.96	2,250,000
5306	1.3	38	56	5.1	4.9	7.7	10.96	2,040,000
5307	1.3	38	56	5.1	4.9	7.7	10.96	2,050,000
5308	1.3	38	56	5.1	4.9	7.7	10.96	1,910,000
5309	1.3	38	56	5.1	4.9	7.7	10.96	1,790,000
5310	1.3	38	56	5.1	4.9	7.7	10.96	1,480,000
5311	1.3	38	56	5.1	4.9	7.7	10.96	1,340,000
5312	1.3	38	56	5.1	4.9	7.7	10.96	1,010,000
5313	1.3	38	56	5.1	4.9	7.7	10.96	1,010,000
5314	1.3	38	56	5.1	4.9	7.7	10.96	831,000
5315	1.3	38	56	5.1	4.9	7.7	10.96	706,000
5316	1.3	38	56	5.1	4.9	7.7	10.96	462,000
5317	1.3	38	56	5.1	4.9	7.7	10.96	379,000
5318	1.3	38	56	5.1	4.9	7.7	10.96	234,000
5319	1.3	38	56	5.1	4.9	7.7	10.96	296,000
5320	1.3	38	56	5.1	4.9	7.7	10.96	225,000
5321	1.3	38	56	5.1	4.9	7.7	10.96	183,000
5322	1.3	38	56	5.1	4.9	7.7	10.96	115,000
5323	1.3	38	56	5.1	4.9	7.7	10.96	95,900
5324	1.3	38	56	5.1	4.9	7.7	10.96	65,600
5325	1.3	38	56	5.1	4.9	7.7	10.96	94,800
5326	1.3	38	56	5.1	4.9	7.7	10.96	75,900
5327	1.3	38	56	5.1	4.9	7.7	10.96	65,100
5328	1.3	38	56	5.1	4.9	7.7	10.96	48,000
5329	1.3	38	56	5.1	4.9	7.7	10.96	43,100
5330	1.3	38	56	5.1	4.9	7.7	10.96	35,100
5331	1.3	38	56	5.1	4.9	9.3	10.62	3,800,000
5332	1.3	38	56	5.1	4.9	9.3	10.62	3,690,000
5333	1.3	38	56	5.1	4.9	9.3	10.62	3,590,000
5334	1.3	38	56	5.1	4.9	9.3	10.62	3,310,000
5335	1.3	38	56	5.1	4.9	9.3	10.62	3,160,000
5336	1.3	38	56	5.1	4.9	9.3	10.62	2,790,000
5337	1.3	38	56	5.1	4.9	9.3	10.62	3,080,000
5338	1.3	38	56	5.1	4.9	9.3	10.62	2,870,000
5339	1.3	38	56	5.1	4.9	9.3	10.62	2,690,000
5340	1.3	38	56	5.1	4.9	9.3	10.62	2,250,000
5341	1.3	38	56	5.1	4.9	9.3	10.62	2,040,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5342	1.3	38	56	5.1	4.9	9.3	10.62	1,570,000
5343	1.3	38	56	5.1	4.9	9.3	10.62	1,640,000
5344	1.3	38	56	5.1	4.9	9.3	10.62	1,380,000
5345	1.3	38	56	5.1	4.9	9.3	10.62	1,190,000
5346	1.3	38	56	5.1	4.9	9.3	10.62	814,000
5347	1.3	38	56	5.1	4.9	9.3	10.62	677,000
5348	1.3	38	56	5.1	4.9	9.3	10.62	425,000
5349	1.3	38	56	5.1	4.9	9.3	10.62	407,000
5350	1.3	38	56	5.1	4.9	9.3	10.62	307,000
5351	1.3	38	56	5.1	4.9	9.3	10.62	247,000
5352	1.3	38	56	5.1	4.9	9.3	10.62	149,000
5353	1.3	38	56	5.1	4.9	9.3	10.62	121,000
5354	1.3	38	56	5.1	4.9	9.3	10.62	76,100
5355	1.3	38	56	5.1	4.9	9.3	10.62	66,500
5356	1.3	38	56	5.1	4.9	9.3	10.62	53,000
5357	1.3	38	56	5.1	4.9	9.3	10.62	45,200
5358	1.3	38	56	5.1	4.9	9.3	10.62	32,800
5359	1.3	38	56	5.1	4.9	9.3	10.62	29,200
5360	1.3	38	56	5.1	4.9	9.3	10.62	23,200
5361	26.1	41	52.4	5.1	4.05	6	8.55	3,280,000
5362	26.1	41	52.4	5.1	4.05	6	8.55	3,060,000
5363	26.1	41	52.4	5.1	4.05	6	8.55	2,900,000
5364	26.1	41	52.4	5.1	4.05	6	8.55	2,510,000
5365	26.1	41	52.4	5.1	4.05	6	8.55	2,340,000
5366	26.1	41	52.4	5.1	4.05	6	8.55	1,960,000
5367	26.1	41	52.4	5.1	4.05	6	8.55	2,160,000
5368	26.1	41	52.4	5.1	4.05	6	8.55	1,950,000
5369	26.1	41	52.4	5.1	4.05	6	8.55	1,790,000
5370	26.1	41	52.4	5.1	4.05	6	8.55	1,450,000
5371	26.1	41	52.4	5.1	4.05	6	8.55	1,310,000
5372	26.1	41	52.4	5.1	4.05	6	8.55	1,020,000
5373	26.1	41	52.4	5.1	4.05	6	8.55	1,040,000
5374	26.1	41	52.4	5.1	4.05	6	8.55	893,000
5375	26.1	41	52.4	5.1	4.05	6	8.55	790,000
5376	26.1	41	52.4	5.1	4.05	6	8.55	583,000
5377	26.1	41	52.4	5.1	4.05	6	8.55	507,000
5378	26.1	41	52.4	5.1	4.05	6	8.55	361,000
5379	26.1	41	52.4	5.1	4.05	6	8.55	372,000
5380	26.1	41	52.4	5.1	4.05	6	8.55	304,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5381	26.1	41	52.4	5.1	4.05	6	8.55	260,000
5382	26.1	41	52.4	5.1	4.05	6	8.55	178,000
5383	26.1	41	52.4	5.1	4.05	6	8.55	151,000
5384	26.1	41	52.4	5.1	4.05	6	8.55	102,000
5385	26.1	41	52.4	5.1	4.05	6	8.55	106,000
5386	26.1	41	52.4	5.1	4.05	6	8.55	84,400
5387	26.1	41	52.4	5.1	4.05	6	8.55	71,200
5388	26.1	41	52.4	5.1	4.05	6	8.55	48,100
5389	26.1	41	52.4	5.1	4.05	6	8.55	40,700
5390	26.1	41	52.4	5.1	4.05	6	8.55	27,900
5391	26.1	41	52.4	5.7	4.05	7.4	8.27	3,180,000
5392	26.1	41	52.4	5.7	4.05	7.4	8.27	3,070,000
5393	26.1	41	52.4	5.7	4.05	7.4	8.27	2,980,000
5394	26.1	41	52.4	5.7	4.05	7.4	8.27	2,750,000
5395	26.1	41	52.4	5.7	4.05	7.4	8.27	2,640,000
5396	26.1	41	52.4	5.7	4.05	7.4	8.27	2,360,000
5397	26.1	41	52.4	5.7	4.05	7.4	8.27	2,420,000
5398	26.1	41	52.4	5.7	4.05	7.4	8.27	2,250,000
5399	26.1	41	52.4	5.7	4.05	7.4	8.27	2,120,000
5400	26.1	41	52.4	5.7	4.05	7.4	8.27	1,810,000
5401	26.1	41	52.4	5.7	4.05	7.4	8.27	1,670,000
5402	26.1	41	52.4	5.7	4.05	7.4	8.27	1,360,000
5403	26.1	41	52.4	5.7	4.05	7.4	8.27	1,310,000
5404	26.1	41	52.4	5.7	4.05	7.4	8.27	1,140,000
5405	26.1	41	52.4	5.7	4.05	7.4	8.27	1,020,000
5406	26.1	41	52.4	5.7	4.05	7.4	8.27	762,000
5407	26.1	41	52.4	5.7	4.05	7.4	8.27	664,000
5408	26.1	41	52.4	5.7	4.05	7.4	8.27	470,000
5409	26.1	41	52.4	5.7	4.05	7.4	8.27	470,000
5410	26.1	41	52.4	5.7	4.05	7.4	8.27	380,000
5411	26.1	41	52.4	5.7	4.05	7.4	8.27	322,000
5412	26.1	41	52.4	5.7	4.05	7.4	8.27	216,000
5413	26.1	41	52.4	5.7	4.05	7.4	8.27	181,000
5414	26.1	41	52.4	5.7	4.05	7.4	8.27	120,000
5415	26.1	41	52.4	5.7	4.05	7.4	8.27	127,000
5416	26.1	41	52.4	5.7	4.05	7.4	8.27	100,000
5417	26.1	41	52.4	5.7	4.05	7.4	8.27	84,000
5418	26.1	41	52.4	5.7	4.05	7.4	8.27	56,600
5419	26.1	41	52.4	5.7	4.05	7.4	8.27	48,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5420	26.1	41	52.4	5.7	4.05	7.4	8.27	33,800
5421	1.3	38	56	5.1	4.75	6.1	10.8	4,910,000
5422	1.3	38	56	5.1	4.75	6.1	10.8	4,580,000
5423	1.3	38	56	5.1	4.75	6.1	10.8	4,310,000
5424	1.3	38	56	5.1	4.75	6.1	10.8	3,650,000
5425	1.3	38	56	5.1	4.75	6.1	10.8	3,360,000
5426	1.3	38	56	5.1	4.75	6.1	10.8	2,680,000
5427	1.3	38	56	5.1	4.75	6.1	10.8	2,610,000
5428	1.3	38	56	5.1	4.75	6.1	10.8	2,240,000
5429	1.3	38	56	5.1	4.75	6.1	10.8	1,970,000
5430	1.3	38	56	5.1	4.75	6.1	10.8	1,420,000
5431	1.3	38	56	5.1	4.75	6.1	10.8	1,210,000
5432	1.3	38	56	5.1	4.75	6.1	10.8	804,000
5433	1.3	38	56	5.1	4.75	6.1	10.8	806,000
5434	1.3	38	56	5.1	4.75	6.1	10.8	627,000
5435	1.3	38	56	5.1	4.75	6.1	10.8	513,000
5436	1.3	38	56	5.1	4.75	6.1	10.8	315,000
5437	1.3	38	56	5.1	4.75	6.1	10.8	254,000
5438	1.3	38	56	5.1	4.75	6.1	10.8	152,000
5439	1.3	38	56	5.1	4.75	6.1	10.8	220,000
5440	1.3	38	56	5.1	4.75	6.1	10.8	165,000
5441	1.3	38	56	5.1	4.75	6.1	10.8	132,000
5442	1.3	38	56	5.1	4.75	6.1	10.8	80,100
5443	1.3	38	56	5.1	4.75	6.1	10.8	65,100
5444	1.3	38	56	5.1	4.75	6.1	10.8	41,300
5445	1.3	38	56	5.1	4.75	6.1	10.8	80,500
5446	1.3	38	56	5.1	4.75	6.1	10.8	61,300
5447	1.3	38	56	5.1	4.75	6.1	10.8	50,200
5448	1.3	38	56	5.1	4.75	6.1	10.8	32,600
5449	1.3	38	56	5.1	4.75	6.1	10.8	27,500
5450	1.3	38	56	5.1	4.75	6.1	10.8	19,200
5451	1.3	38	56	5.1	4.85	6.5	10.81	5,880,000
5452	1.3	38	56	5.1	4.85	6.5	10.81	5,590,000
5453	1.3	38	56	5.1	4.85	6.5	10.81	5,350,000
5454	1.3	38	56	5.1	4.85	6.5	10.81	4,750,000
5455	1.3	38	56	5.1	4.85	6.5	10.81	4,460,000
5456	1.3	38	56	5.1	4.85	6.5	10.81	3,770,000
5457	1.3	38	56	5.1	4.85	6.5	10.81	4,470,000
5458	1.3	38	56	5.1	4.85	6.5	10.81	4,090,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5459	1.3	38	56	5.1	4.85	6.5	10.81	3,780,000
5460	1.3	38	56	5.1	4.85	6.5	10.81	3,070,000
5461	1.3	38	56	5.1	4.85	6.5	10.81	2,760,000
5462	1.3	38	56	5.1	4.85	6.5	10.81	2,090,000
5463	1.3	38	56	5.1	4.85	6.5	10.81	2,330,000
5464	1.3	38	56	5.1	4.85	6.5	10.81	1,960,000
5465	1.3	38	56	5.1	4.85	6.5	10.81	1,700,000
5466	1.3	38	56	5.1	4.85	6.5	10.81	1,180,000
5467	1.3	38	56	5.1	4.85	6.5	10.81	986,000
5468	1.3	38	56	5.1	4.85	6.5	10.81	631,000
5469	1.3	38	56	5.1	4.85	6.5	10.81	653,000
5470	1.3	38	56	5.1	4.85	6.5	10.81	497,000
5471	1.3	38	56	5.1	4.85	6.5	10.81	401,000
5472	1.3	38	56	5.1	4.85	6.5	10.81	238,000
5473	1.3	38	56	5.1	4.85	6.5	10.81	190,000
5474	1.3	38	56	5.1	4.85	6.5	10.81	111,000
5475	1.3	38	56	5.1	4.85	6.5	10.81	99,200
5476	1.3	38	56	5.1	4.85	6.5	10.81	73,800
5477	1.3	38	56	5.1	4.85	6.5	10.81	59,400
5478	1.3	38	56	5.1	4.85	6.5	10.81	36,900
5479	1.3	38	56	5.1	4.85	6.5	10.81	30,500
5480	1.3	38	56	5.1	4.85	6.5	10.81	20,300
5481	1.3	38	56	5.1	4.75	7.7	10.62	3,870,000
5482	1.3	38	56	5.1	4.75	7.7	10.62	3,620,000
5483	1.3	38	56	5.1	4.75	7.7	10.62	3,420,000
5484	1.3	38	56	5.1	4.75	7.7	10.62	2,930,000
5485	1.3	38	56	5.1	4.75	7.7	10.62	2,710,000
5486	1.3	38	56	5.1	4.75	7.7	10.62	2,200,000
5487	1.3	38	56	5.1	4.75	7.7	10.62	2,810,000
5488	1.3	38	56	5.1	4.75	7.7	10.62	2,520,000
5489	1.3	38	56	5.1	4.75	7.7	10.62	2,300,000
5490	1.3	38	56	5.1	4.75	7.7	10.62	1,800,000
5491	1.3	38	56	5.1	4.75	7.7	10.62	1,600,000
5492	1.3	38	56	5.1	4.75	7.7	10.62	1,170,000
5493	1.3	38	56	5.1	4.75	7.7	10.62	1,350,000
5494	1.3	38	56	5.1	4.75	7.7	10.62	1,120,000
5495	1.3	38	56	5.1	4.75	7.7	10.62	964,000
5496	1.3	38	56	5.1	4.75	7.7	10.62	658,000
5497	1.3	38	56	5.1	4.75	7.7	10.62	551,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5498	1.3	38	56	5.1	4.75	7.7	10.62	358,000
5499	1.3	38	56	5.1	4.75	7.7	10.62	362,000
5500	1.3	38	56	5.1	4.75	7.7	10.62	281,000
5501	1.3	38	56	5.1	4.75	7.7	10.62	231,000
5502	1.3	38	56	5.1	4.75	7.7	10.62	147,000
5503	1.3	38	56	5.1	4.75	7.7	10.62	121,000
5504	1.3	38	56	5.1	4.75	7.7	10.62	79,200
5505	1.3	38	56	5.1	4.75	7.7	10.62	67,400
5506	1.3	38	56	5.1	4.75	7.7	10.62	54,100
5507	1.3	38	56	5.1	4.75	7.7	10.62	46,300
5508	1.3	38	56	5.1	4.75	7.7	10.62	33,200
5509	1.3	38	56	5.1	4.75	7.7	10.62	29,200
5510	1.3	38	56	5.1	4.75	7.7	10.62	22,500
5511	1.3	38	56	5.1	4.9	9.7	10.57	5,430,000
5512	1.3	38	56	5.1	4.9	9.7	10.57	5,230,000
5513	1.3	38	56	5.1	4.9	9.7	10.57	5,070,000
5514	1.3	38	56	5.1	4.9	9.7	10.57	4,650,000
5515	1.3	38	56	5.1	4.9	9.7	10.57	4,450,000
5516	1.3	38	56	5.1	4.9	9.7	10.57	3,950,000
5517	1.3	38	56	5.1	4.9	9.7	10.57	4,290,000
5518	1.3	38	56	5.1	4.9	9.7	10.57	4,000,000
5519	1.3	38	56	5.1	4.9	9.7	10.57	3,780,000
5520	1.3	38	56	5.1	4.9	9.7	10.57	3,230,000
5521	1.3	38	56	5.1	4.9	9.7	10.57	2,990,000
5522	1.3	38	56	5.1	4.9	9.7	10.57	2,430,000
5523	1.3	38	56	5.1	4.9	9.7	10.57	2,430,000
5524	1.3	38	56	5.1	4.9	9.7	10.57	2,120,000
5525	1.3	38	56	5.1	4.9	9.7	10.57	1,900,000
5526	1.3	38	56	5.1	4.9	9.7	10.57	1,410,000
5527	1.3	38	56	5.1	4.9	9.7	10.57	1,230,000
5528	1.3	38	56	5.1	4.9	9.7	10.57	857,000
5529	1.3	38	56	5.1	4.9	9.7	10.57	782,000
5530	1.3	38	56	5.1	4.9	9.7	10.57	621,000
5531	1.3	38	56	5.1	4.9	9.7	10.57	517,000
5532	1.3	38	56	5.1	4.9	9.7	10.57	330,000
5533	1.3	38	56	5.1	4.9	9.7	10.57	270,000
5534	1.3	38	56	5.1	4.9	9.7	10.57	167,000
5535	1.3	38	56	5.1	4.9	9.7	10.57	131,000
5536	1.3	38	56	5.1	4.9	9.7	10.57	99,600

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5537	1.3	38	56	5.1	4.9	9.7	10.57	80,900
5538	1.3	38	56	5.1	4.9	9.7	10.57	50,600
5539	1.3	38	56	5.1	4.9	9.7	10.57	41,700
5540	1.3	38	56	5.1	4.9	9.7	10.57	27,200
5541	0	30	64.5	8.4	4.56	5.9	11.5	3,780,000
5542	0	30	64.5	8.4	4.56	5.9	11.5	3,740,000
5543	0	30	64.5	8.4	4.56	5.9	11.5	3,710,000
5544	0	30	64.5	8.4	4.56	5.9	11.5	3,610,000
5545	0	30	64.5	8.4	4.56	5.9	11.5	3,560,000
5546	0	30	64.5	8.4	4.56	5.9	11.5	3,420,000
5547	0	30	64.5	8.4	4.56	5.9	11.5	3,490,000
5548	0	30	64.5	8.4	4.56	5.9	11.5	3,400,000
5549	0	30	64.5	8.4	4.56	5.9	11.5	3,330,000
5550	0	30	64.5	8.4	4.56	5.9	11.5	3,120,000
5551	0	30	64.5	8.4	4.56	5.9	11.5	3,010,000
5552	0	30	64.5	8.4	4.56	5.9	11.5	2,730,000
5553	0	30	64.5	8.4	4.56	5.9	11.5	2,770,000
5554	0	30	64.5	8.4	4.56	5.9	11.5	2,590,000
5555	0	30	64.5	8.4	4.56	5.9	11.5	2,440,000
5556	0	30	64.5	8.4	4.56	5.9	11.5	2,070,000
5557	0	30	64.5	8.4	4.56	5.9	11.5	1,910,000
5558	0	30	64.5	8.4	4.56	5.9	11.5	1,510,000
5559	0	30	64.5	8.4	4.56	5.9	11.5	1,620,000
5560	0	30	64.5	8.4	4.56	5.9	11.5	1,390,000
5561	0	30	64.5	8.4	4.56	5.9	11.5	1,230,000
5562	0	30	64.5	8.4	4.56	5.9	11.5	882,000
5563	0	30	64.5	8.4	4.56	5.9	11.5	751,000
5564	0	30	64.5	8.4	4.56	5.9	11.5	496,000
5565	0	30	64.5	8.4	4.56	5.9	11.5	595,000
5566	0	30	64.5	8.4	4.56	5.9	11.5	465,000
5567	0	30	64.5	8.4	4.56	5.9	11.5	382,000
5568	0	30	64.5	8.4	4.56	5.9	11.5	237,000
5569	0	30	64.5	8.4	4.56	5.9	11.5	192,000
5570	0	30	64.5	8.4	4.56	5.9	11.5	117,000
5571	0	22	59.5	8	5.34	6.7	10.19	3,990,000
5572	0	22	59.5	8	5.34	6.7	10.19	3,930,000
5573	0	22	59.5	8	5.34	6.7	10.19	3,890,000
5574	0	22	59.5	8	5.34	6.7	10.19	3,750,000
5575	0	22	59.5	8	5.34	6.7	10.19	3,680,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5576	0	22	59.5	8	5.34	6.7	10.19	3,480,000
5577	0	22	59.5	8	5.34	6.7	10.19	3,710,000
5578	0	22	59.5	8	5.34	6.7	10.19	3,600,000
5579	0	22	59.5	8	5.34	6.7	10.19	3,510,000
5580	0	22	59.5	8	5.34	6.7	10.19	3,260,000
5581	0	22	59.5	8	5.34	6.7	10.19	3,130,000
5582	0	22	59.5	8	5.34	6.7	10.19	2,790,000
5583	0	22	59.5	8	5.34	6.7	10.19	3,020,000
5584	0	22	59.5	8	5.34	6.7	10.19	2,820,000
5585	0	22	59.5	8	5.34	6.7	10.19	2,660,000
5586	0	22	59.5	8	5.34	6.7	10.19	2,240,000
5587	0	22	59.5	8	5.34	6.7	10.19	2,050,000
5588	0	22	59.5	8	5.34	6.7	10.19	1,590,000
5589	0	22	59.5	8	5.34	6.7	10.19	1,820,000
5590	0	22	59.5	8	5.34	6.7	10.19	1,560,000
5591	0	22	59.5	8	5.34	6.7	10.19	1,370,000
5592	0	22	59.5	8	5.34	6.7	10.19	952,000
5593	0	22	59.5	8	5.34	6.7	10.19	796,000
5594	0	22	59.5	8	5.34	6.7	10.19	497,000
5595	0	22	59.5	8	5.34	6.7	10.19	588,000
5596	0	22	59.5	8	5.34	6.7	10.19	441,000
5597	0	22	59.5	8	5.34	6.7	10.19	350,000
5598	0	22	59.5	8	5.34	6.7	10.19	197,000
5599	0	22	59.5	8	5.34	6.7	10.19	153,000
5600	0	22	59.5	8	5.34	6.7	10.19	83,400
5601	6.2	38.5	58	3.1	4.54	7	8.9	5,220,000
5602	6.2	38.5	58	3.1	4.54	7	8.9	5,170,000
5603	6.2	38.5	58	3.1	4.54	7	8.9	5,120,000
5604	6.2	38.5	58	3.1	4.54	7	8.9	4,970,000
5605	6.2	38.5	58	3.1	4.54	7	8.9	4,900,000
5606	6.2	38.5	58	3.1	4.54	7	8.9	4,690,000
5607	6.2	38.5	58	3.1	4.54	7	8.9	4,800,000
5608	6.2	38.5	58	3.1	4.54	7	8.9	4,670,000
5609	6.2	38.5	58	3.1	4.54	7	8.9	4,570,000
5610	6.2	38.5	58	3.1	4.54	7	8.9	4,270,000
5611	6.2	38.5	58	3.1	4.54	7	8.9	4,120,000
5612	6.2	38.5	58	3.1	4.54	7	8.9	3,740,000
5613	6.2	38.5	58	3.1	4.54	7	8.9	3,800,000
5614	6.2	38.5	58	3.1	4.54	7	8.9	3,560,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5615	6.2	38.5	58	3.1	4.54	7	8.9	3,360,000
5616	6.2	38.5	58	3.1	4.54	7	8.9	2,870,000
5617	6.2	38.5	58	3.1	4.54	7	8.9	2,640,000
5618	6.2	38.5	58	3.1	4.54	7	8.9	2,120,000
5619	6.2	38.5	58	3.1	4.54	7	8.9	2,280,000
5620	6.2	38.5	58	3.1	4.54	7	8.9	1,990,000
5621	6.2	38.5	58	3.1	4.54	7	8.9	1,770,000
5622	6.2	38.5	58	3.1	4.54	7	8.9	1,300,000
5623	6.2	38.5	58	3.1	4.54	7	8.9	1,120,000
5624	6.2	38.5	58	3.1	4.54	7	8.9	767,000
5625	6.2	38.5	58	3.1	4.54	7	8.9	919,000
5626	6.2	38.5	58	3.1	4.54	7	8.9	735,000
5627	6.2	38.5	58	3.1	4.54	7	8.9	616,000
5628	6.2	38.5	58	3.1	4.54	7	8.9	400,000
5629	6.2	38.5	58	3.1	4.54	7	8.9	330,000
5630	6.2	38.5	58	3.1	4.54	7	8.9	212,000
5631	4.4	43	62.5	2.8	3.87	7.05	7.84	4,770,000
5632	4.4	43	62.5	2.8	3.87	7.05	7.84	4,760,000
5633	4.4	43	62.5	2.8	3.87	7.05	7.84	4,750,000
5634	4.4	43	62.5	2.8	3.87	7.05	7.84	4,730,000
5635	4.4	43	62.5	2.8	3.87	7.05	7.84	4,720,000
5636	4.4	43	62.5	2.8	3.87	7.05	7.84	4,690,000
5637	4.4	43	62.5	2.8	3.87	7.05	7.84	4,520,000
5638	4.4	43	62.5	2.8	3.87	7.05	7.84	4,470,000
5639	4.4	43	62.5	2.8	3.87	7.05	7.84	4,420,000
5640	4.4	43	62.5	2.8	3.87	7.05	7.84	4,270,000
5641	4.4	43	62.5	2.8	3.87	7.05	7.84	4,200,000
5642	4.4	43	62.5	2.8	3.87	7.05	7.84	3,990,000
5643	4.4	43	62.5	2.8	3.87	7.05	7.84	3,310,000
5644	4.4	43	62.5	2.8	3.87	7.05	7.84	3,080,000
5645	4.4	43	62.5	2.8	3.87	7.05	7.84	2,890,000
5646	4.4	43	62.5	2.8	3.87	7.05	7.84	2,420,000
5647	4.4	43	62.5	2.8	3.87	7.05	7.84	2,200,000
5648	4.4	43	62.5	2.8	3.87	7.05	7.84	1,710,000
5649	4.4	43	62.5	2.8	3.87	7.05	7.84	1,480,000
5650	4.4	43	62.5	2.8	3.87	7.05	7.84	1,220,000
5651	4.4	43	62.5	2.8	3.87	7.05	7.84	1,050,000
5652	4.4	43	62.5	2.8	3.87	7.05	7.84	696,000
5653	4.4	43	62.5	2.8	3.87	7.05	7.84	575,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5654	4.4	43	62.5	2.8	3.87	7.05	7.84	358,000
5655	4.4	43	62.5	2.8	3.87	7.05	7.84	632,000
5656	4.4	43	62.5	2.8	3.87	7.05	7.84	487,000
5657	4.4	43	62.5	2.8	3.87	7.05	7.84	397,000
5658	4.4	43	62.5	2.8	3.87	7.05	7.84	243,000
5659	4.4	43	62.5	2.8	3.87	7.05	7.84	197,000
5660	4.4	43	62.5	2.8	3.87	7.05	7.84	122,000
5661	2.2	38	59.2	3	4.35	6.25	9.2	5,190,000
5662	2.2	38	59.2	3	4.35	6.25	9.2	5,150,000
5663	2.2	38	59.2	3	4.35	6.25	9.2	5,110,000
5664	2.2	38	59.2	3	4.35	6.25	9.2	5,000,000
5665	2.2	38	59.2	3	4.35	6.25	9.2	4,940,000
5666	2.2	38	59.2	3	4.35	6.25	9.2	4,790,000
5667	2.2	38	59.2	3	4.35	6.25	9.2	4,700,000
5668	2.2	38	59.2	3	4.35	6.25	9.2	4,580,000
5669	2.2	38	59.2	3	4.35	6.25	9.2	4,480,000
5670	2.2	38	59.2	3	4.35	6.25	9.2	4,220,000
5671	2.2	38	59.2	3	4.35	6.25	9.2	4,090,000
5672	2.2	38	59.2	3	4.35	6.25	9.2	3,740,000
5673	2.2	38	59.2	3	4.35	6.25	9.2	3,520,000
5674	2.2	38	59.2	3	4.35	6.25	9.2	3,280,000
5675	2.2	38	59.2	3	4.35	6.25	9.2	3,090,000
5676	2.2	38	59.2	3	4.35	6.25	9.2	2,630,000
5677	2.2	38	59.2	3	4.35	6.25	9.2	2,430,000
5678	2.2	38	59.2	3	4.35	6.25	9.2	1,960,000
5679	2.2	38	59.2	3	4.35	6.25	9.2	1,950,000
5680	2.2	38	59.2	3	4.35	6.25	9.2	1,690,000
5681	2.2	38	59.2	3	4.35	6.25	9.2	1,500,000
5682	2.2	38	59.2	3	4.35	6.25	9.2	1,110,000
5683	2.2	38	59.2	3	4.35	6.25	9.2	960,000
5684	2.2	38	59.2	3	4.35	6.25	9.2	667,000
5685	2.2	38	59.2	3	4.35	6.25	9.2	825,000
5686	2.2	38	59.2	3	4.35	6.25	9.2	667,000
5687	2.2	38	59.2	3	4.35	6.25	9.2	565,000
5688	2.2	38	59.2	3	4.35	6.25	9.2	377,000
5689	2.2	38	59.2	3	4.35	6.25	9.2	315,000
5690	2.2	38	59.2	3	4.35	6.25	9.2	207,000
5691	0	30	63	2.6	6.3	6.8	10.68	4,030,000
5692	0	30	63	2.6	6.3	6.8	10.68	3,950,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5693	0	30	63	2.6	6.3	6.8	10.68	3,880,000
5694	0	30	63	2.6	6.3	6.8	10.68	3,690,000
5695	0	30	63	2.6	6.3	6.8	10.68	3,600,000
5696	0	30	63	2.6	6.3	6.8	10.68	3,370,000
5697	0	30	63	2.6	6.3	6.8	10.68	3,270,000
5698	0	30	63	2.6	6.3	6.8	10.68	3,110,000
5699	0	30	63	2.6	6.3	6.8	10.68	2,980,000
5700	0	30	63	2.6	6.3	6.8	10.68	2,660,000
5701	0	30	63	2.6	6.3	6.8	10.68	2,520,000
5702	0	30	63	2.6	6.3	6.8	10.68	2,160,000
5703	0	30	63	2.6	6.3	6.8	10.68	1,980,000
5704	0	30	63	2.6	6.3	6.8	10.68	1,770,000
5705	0	30	63	2.6	6.3	6.8	10.68	1,610,000
5706	0	30	63	2.6	6.3	6.8	10.68	1,260,000
5707	0	30	63	2.6	6.3	6.8	10.68	1,120,000
5708	0	30	63	2.6	6.3	6.8	10.68	823,000
5709	0	30	63	2.6	6.3	6.8	10.68	830,000
5710	0	30	63	2.6	6.3	6.8	10.68	682,000
5711	0	30	63	2.6	6.3	6.8	10.68	582,000
5712	0	30	63	2.6	6.3	6.8	10.68	390,000
5713	0	30	63	2.6	6.3	6.8	10.68	324,000
5714	0	30	63	2.6	6.3	6.8	10.68	206,000
5715	0	30	63	2.6	6.3	6.8	10.68	265,000
5716	0	30	63	2.6	6.3	6.8	10.68	203,000
5717	0	30	63	2.6	6.3	6.8	10.68	165,000
5718	0	30	63	2.6	6.3	6.8	10.68	101,000
5719	0	30	63	2.6	6.3	6.8	10.68	81,600
5720	0	30	63	2.6	6.3	6.8	10.68	49,500
5721	10	35	51	3.5	4.55	6.87	8.65	3,590,000
5722	10	35	51	3.5	4.55	6.87	8.65	3,560,000
5723	10	35	51	3.5	4.55	6.87	8.65	3,540,000
5724	10	35	51	3.5	4.55	6.87	8.65	3,480,000
5725	10	35	51	3.5	4.55	6.87	8.65	3,450,000
5726	10	35	51	3.5	4.55	6.87	8.65	3,340,000
5727	10	35	51	3.5	4.55	6.87	8.65	3,100,000
5728	10	35	51	3.5	4.55	6.87	8.65	2,970,000
5729	10	35	51	3.5	4.55	6.87	8.65	2,860,000
5730	10	35	51	3.5	4.55	6.87	8.65	2,550,000
5731	10	35	51	3.5	4.55	6.87	8.65	2,400,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5732	10	35	51	3.5	4.55	6.87	8.65	1,990,000
5733	10	35	51	3.5	4.55	6.87	8.65	1,420,000
5734	10	35	51	3.5	4.55	6.87	8.65	1,170,000
5735	10	35	51	3.5	4.55	6.87	8.65	995,000
5736	10	35	51	3.5	4.55	6.87	8.65	639,000
5737	10	35	51	3.5	4.55	6.87	8.65	515,000
5738	10	35	51	3.5	4.55	6.87	8.65	299,000
5739	10	35	51	3.5	4.55	6.87	8.65	269,000
5740	10	35	51	3.5	4.55	6.87	8.65	194,000
5741	10	35	51	3.5	4.55	6.87	8.65	151,000
5742	10	35	51	3.5	4.55	6.87	8.65	86,800
5743	10	35	51	3.5	4.55	6.87	8.65	69,400
5744	10	35	51	3.5	4.55	6.87	8.65	43,700
5745	10	35	51	3.5	4.55	6.87	8.65	66,000
5746	10	35	51	3.5	4.55	6.87	8.65	50,400
5747	10	35	51	3.5	4.55	6.87	8.65	41,800
5748	10	35	51	3.5	4.55	6.87	8.65	28,900
5749	10	35	51	3.5	4.55	6.87	8.65	25,300
5750	10	35	51	3.5	4.55	6.87	8.65	19,700
5751	10	35	51	3.5	4.25	7.17	8.91	3,260,000
5752	10	35	51	3.5	4.25	7.17	8.91	3,190,000
5753	10	35	51	3.5	4.25	7.17	8.91	3,130,000
5754	10	35	51	3.5	4.25	7.17	8.91	2,960,000
5755	10	35	51	3.5	4.25	7.17	8.91	2,870,000
5756	10	35	51	3.5	4.25	7.17	8.91	2,640,000
5757	10	35	51	3.5	4.25	7.17	8.91	2,810,000
5758	10	35	51	3.5	4.25	7.17	8.91	2,680,000
5759	10	35	51	3.5	4.25	7.17	8.91	2,570,000
5760	10	35	51	3.5	4.25	7.17	8.91	2,280,000
5761	10	35	51	3.5	4.25	7.17	8.91	2,140,000
5762	10	35	51	3.5	4.25	7.17	8.91	1,800,000
5763	10	35	51	3.5	4.25	7.17	8.91	1,860,000
5764	10	35	51	3.5	4.25	7.17	8.91	1,660,000
5765	10	35	51	3.5	4.25	7.17	8.91	1,510,000
5766	10	35	51	3.5	4.25	7.17	8.91	1,160,000
5767	10	35	51	3.5	4.25	7.17	8.91	1,020,000
5768	10	35	51	3.5	4.25	7.17	8.91	717,000
5769	10	35	51	3.5	4.25	7.17	8.91	733,000
5770	10	35	51	3.5	4.25	7.17	8.91	586,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5771	10	35	51	3.5	4.25	7.17	8.91	488,000
5772	10	35	51	3.5	4.25	7.17	8.91	308,000
5773	10	35	51	3.5	4.25	7.17	8.91	249,000
5774	10	35	51	3.5	4.25	7.17	8.91	149,000
5775	10	35	51	3.5	4.25	7.17	8.91	145,000
5776	10	35	51	3.5	4.25	7.17	8.91	108,000
5777	10	35	51	3.5	4.25	7.17	8.91	86,100
5778	10	35	51	3.5	4.25	7.17	8.91	51,900
5779	10	35	51	3.5	4.25	7.17	8.91	42,100
5780	10	35	51	3.5	4.25	7.17	8.91	26,900
5781	10	35	51	3.5	4.2	6.93	8.85	3,200,000
5782	10	35	51	3.5	4.2	6.93	8.85	3,110,000
5783	10	35	51	3.5	4.2	6.93	8.85	3,040,000
5784	10	35	51	3.5	4.2	6.93	8.85	2,840,000
5785	10	35	51	3.5	4.2	6.93	8.85	2,740,000
5786	10	35	51	3.5	4.2	6.93	8.85	2,480,000
5787	10	35	51	3.5	4.2	6.93	8.85	2,440,000
5788	10	35	51	3.5	4.2	6.93	8.85	2,270,000
5789	10	35	51	3.5	4.2	6.93	8.85	2,140,000
5790	10	35	51	3.5	4.2	6.93	8.85	1,810,000
5791	10	35	51	3.5	4.2	6.93	8.85	1,660,000
5792	10	35	51	3.5	4.2	6.93	8.85	1,330,000
5793	10	35	51	3.5	4.2	6.93	8.85	1,240,000
5794	10	35	51	3.5	4.2	6.93	8.85	1,060,000
5795	10	35	51	3.5	4.2	6.93	8.85	932,000
5796	10	35	51	3.5	4.2	6.93	8.85	670,000
5797	10	35	51	3.5	4.2	6.93	8.85	574,000
5798	10	35	51	3.5	4.2	6.93	8.85	391,000
5799	10	35	51	3.5	4.2	6.93	8.85	418,000
5800	10	35	51	3.5	4.2	6.93	8.85	332,000
5801	10	35	51	3.5	4.2	6.93	8.85	278,000
5802	10	35	51	3.5	4.2	6.93	8.85	183,000
5803	10	35	51	3.5	4.2	6.93	8.85	153,000
5804	10	35	51	3.5	4.2	6.93	8.85	103,000
5805	10	35	51	3.5	4.2	6.93	8.85	131,000
5806	10	35	51	3.5	4.2	6.93	8.85	104,000
5807	10	35	51	3.5	4.2	6.93	8.85	88,400
5808	10	35	51	3.5	4.2	6.93	8.85	61,700
5809	10	35	51	3.5	4.2	6.93	8.85	53,500

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5810	10	35	51	3.5	4.2	6.93	8.85	39,700
5811	5	27	42	4.7	4.2	6.95	9.01	6,480,000
5812	5	27	42	4.7	4.2	6.95	9.01	6,430,000
5813	5	27	42	4.7	4.2	6.95	9.01	6,380,000
5814	5	27	42	4.7	4.2	6.95	9.01	6,240,000
5815	5	27	42	4.7	4.2	6.95	9.01	6,160,000
5816	5	27	42	4.7	4.2	6.95	9.01	5,910,000
5817	5	27	42	4.7	4.2	6.95	9.01	5,730,000
5818	5	27	42	4.7	4.2	6.95	9.01	5,500,000
5819	5	27	42	4.7	4.2	6.95	9.01	5,300,000
5820	5	27	42	4.7	4.2	6.95	9.01	4,730,000
5821	5	27	42	4.7	4.2	6.95	9.01	4,440,000
5822	5	27	42	4.7	4.2	6.95	9.01	3,670,000
5823	5	27	42	4.7	4.2	6.95	9.01	3,080,000
5824	5	27	42	4.7	4.2	6.95	9.01	2,600,000
5825	5	27	42	4.7	4.2	6.95	9.01	2,240,000
5826	5	27	42	4.7	4.2	6.95	9.01	1,490,000
5827	5	27	42	4.7	4.2	6.95	9.01	1,230,000
5828	5	27	42	4.7	4.2	6.95	9.01	743,000
5829	5	27	42	4.7	4.2	6.95	9.01	681,000
5830	5	27	42	4.7	4.2	6.95	9.01	505,000
5831	5	27	42	4.7	4.2	6.95	9.01	404,000
5832	5	27	42	4.7	4.2	6.95	9.01	248,000
5833	5	27	42	4.7	4.2	6.95	9.01	204,000
5834	5	27	42	4.7	4.2	6.95	9.01	138,000
5835	5	27	42	4.7	4.2	6.95	9.01	157,000
5836	5	27	42	4.7	4.2	6.95	9.01	129,000
5837	5	27	42	4.7	4.2	6.95	9.01	113,000
5838	5	27	42	4.7	4.2	6.95	9.01	87,600
5839	5	27	42	4.7	4.2	6.95	9.01	80,400
5840	5	27	42	4.7	4.2	6.95	9.01	68,800
5841	5	27	42	4.7	4.3	6.76	9.05	4,490,000
5842	5	27	42	4.7	4.3	6.76	9.05	4,420,000
5843	5	27	42	4.7	4.3	6.76	9.05	4,370,000
5844	5	27	42	4.7	4.3	6.76	9.05	4,210,000
5845	5	27	42	4.7	4.3	6.76	9.05	4,130,000
5846	5	27	42	4.7	4.3	6.76	9.05	3,910,000
5847	5	27	42	4.7	4.3	6.76	9.05	3,880,000
5848	5	27	42	4.7	4.3	6.76	9.05	3,730,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5849	5	27	42	4.7	4.3	6.76	9.05	3,600,000
5850	5	27	42	4.7	4.3	6.76	9.05	3,270,000
5851	5	27	42	4.7	4.3	6.76	9.05	3,110,000
5852	5	27	42	4.7	4.3	6.76	9.05	2,690,000
5853	5	27	42	4.7	4.3	6.76	9.05	2,500,000
5854	5	27	42	4.7	4.3	6.76	9.05	2,240,000
5855	5	27	42	4.7	4.3	6.76	9.05	2,040,000
5856	5	27	42	4.7	4.3	6.76	9.05	1,590,000
5857	5	27	42	4.7	4.3	6.76	9.05	1,400,000
5858	5	27	42	4.7	4.3	6.76	9.05	995,000
5859	5	27	42	4.7	4.3	6.76	9.05	937,000
5860	5	27	42	4.7	4.3	6.76	9.05	747,000
5861	5	27	42	4.7	4.3	6.76	9.05	621,000
5862	5	27	42	4.7	4.3	6.76	9.05	389,000
5863	5	27	42	4.7	4.3	6.76	9.05	314,000
5864	5	27	42	4.7	4.3	6.76	9.05	185,000
5865	5	27	42	4.7	4.3	6.76	9.05	196,000
5866	5	27	42	4.7	4.3	6.76	9.05	144,000
5867	5	27	42	4.7	4.3	6.76	9.05	114,000
5868	5	27	42	4.7	4.3	6.76	9.05	66,400
5869	5	27	42	4.7	4.3	6.76	9.05	53,000
5870	5	27	42	4.7	4.3	6.76	9.05	32,300
5871	5	27	42	4.7	4.25	6.91	9.11	5,510,000
5872	5	27	42	4.7	4.25	6.91	9.11	5,310,000
5873	5	27	42	4.7	4.25	6.91	9.11	5,140,000
5874	5	27	42	4.7	4.25	6.91	9.11	4,730,000
5875	5	27	42	4.7	4.25	6.91	9.11	4,530,000
5876	5	27	42	4.7	4.25	6.91	9.11	4,050,000
5877	5	27	42	4.7	4.25	6.91	9.11	3,840,000
5878	5	27	42	4.7	4.25	6.91	9.11	3,540,000
5879	5	27	42	4.7	4.25	6.91	9.11	3,320,000
5880	5	27	42	4.7	4.25	6.91	9.11	2,790,000
5881	5	27	42	4.7	4.25	6.91	9.11	2,560,000
5882	5	27	42	4.7	4.25	6.91	9.11	2,060,000
5883	5	27	42	4.7	4.25	6.91	9.11	1,830,000
5884	5	27	42	4.7	4.25	6.91	9.11	1,580,000
5885	5	27	42	4.7	4.25	6.91	9.11	1,410,000
5886	5	27	42	4.7	4.25	6.91	9.11	1,040,000
5887	5	27	42	4.7	4.25	6.91	9.11	907,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5888	5	27	42	4.7	4.25	6.91	9.11	645,000
5889	5	27	42	4.7	4.25	6.91	9.11	665,000
5890	5	27	42	4.7	4.25	6.91	9.11	543,000
5891	5	27	42	4.7	4.25	6.91	9.11	463,000
5892	5	27	42	4.7	4.25	6.91	9.11	318,000
5893	5	27	42	4.7	4.25	6.91	9.11	270,000
5894	5	27	42	4.7	4.25	6.91	9.11	184,000
5895	5	27	42	4.7	4.25	6.91	9.11	237,000
5896	5	27	42	4.7	4.25	6.91	9.11	191,000
5897	5	27	42	4.7	4.25	6.91	9.11	162,000
5898	5	27	42	4.7	4.25	6.91	9.11	112,000
5899	5	27	42	4.7	4.25	6.91	9.11	95,800
5900	5	27	42	4.7	4.25	6.91	9.11	68,200
5901	10	35	51	3.5	5	7.05	10.02	4,490,000
5902	10	35	51	3.5	5	7.05	10.02	4,380,000
5903	10	35	51	3.5	5	7.05	10.02	4,290,000
5904	10	35	51	3.5	5	7.05	10.02	4,010,000
5905	10	35	51	3.5	5	7.05	10.02	3,860,000
5906	10	35	51	3.5	5	7.05	10.02	3,440,000
5907	10	35	51	3.5	5	7.05	10.02	3,450,000
5908	10	35	51	3.5	5	7.05	10.02	3,170,000
5909	10	35	51	3.5	5	7.05	10.02	2,950,000
5910	10	35	51	3.5	5	7.05	10.02	2,370,000
5911	10	35	51	3.5	5	7.05	10.02	2,110,000
5912	10	35	51	3.5	5	7.05	10.02	1,530,000
5913	10	35	51	3.5	5	7.05	10.02	1,410,000
5914	10	35	51	3.5	5	7.05	10.02	1,120,000
5915	10	35	51	3.5	5	7.05	10.02	931,000
5916	10	35	51	3.5	5	7.05	10.02	579,000
5917	10	35	51	3.5	5	7.05	10.02	466,000
5918	10	35	51	3.5	5	7.05	10.02	280,000
5919	10	35	51	3.5	5	7.05	10.02	289,000
5920	10	35	51	3.5	5	7.05	10.02	217,000
5921	10	35	51	3.5	5	7.05	10.02	177,000
5922	10	35	51	3.5	5	7.05	10.02	114,000
5923	10	35	51	3.5	5	7.05	10.02	96,500
5924	10	35	51	3.5	5	7.05	10.02	69,200
5925	10	35	51	3.5	5	7.05	10.02	77,200
5926	10	35	51	3.5	5	7.05	10.02	65,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5927	10	35	51	3.5	5	7.05	10.02	58,200
5928	10	35	51	3.5	5	7.05	10.02	47,000
5929	10	35	51	3.5	5	7.05	10.02	43,700
5930	10	35	51	3.5	5	7.05	10.02	38,200
5931	10	35	51	3.5	5.25	6.95	10.56	4,070,000
5932	10	35	51	3.5	5.25	6.95	10.56	4,060,000
5933	10	35	51	3.5	5.25	6.95	10.56	4,050,000
5934	10	35	51	3.5	5.25	6.95	10.56	4,020,000
5935	10	35	51	3.5	5.25	6.95	10.56	4,000,000
5936	10	35	51	3.5	5.25	6.95	10.56	3,950,000
5937	10	35	51	3.5	5.25	6.95	10.56	3,680,000
5938	10	35	51	3.5	5.25	6.95	10.56	3,580,000
5939	10	35	51	3.5	5.25	6.95	10.56	3,480,000
5940	10	35	51	3.5	5.25	6.95	10.56	3,220,000
5941	10	35	51	3.5	5.25	6.95	10.56	3,070,000
5942	10	35	51	3.5	5.25	6.95	10.56	2,690,000
5943	10	35	51	3.5	5.25	6.95	10.56	1,790,000
5944	10	35	51	3.5	5.25	6.95	10.56	1,500,000
5945	10	35	51	3.5	5.25	6.95	10.56	1,290,000
5946	10	35	51	3.5	5.25	6.95	10.56	857,000
5947	10	35	51	3.5	5.25	6.95	10.56	702,000
5948	10	35	51	3.5	5.25	6.95	10.56	424,000
5949	10	35	51	3.5	5.25	6.95	10.56	374,000
5950	10	35	51	3.5	5.25	6.95	10.56	276,000
5951	10	35	51	3.5	5.25	6.95	10.56	220,000
5952	10	35	51	3.5	5.25	6.95	10.56	133,000
5953	10	35	51	3.5	5.25	6.95	10.56	109,000
5954	10	35	51	3.5	5.25	6.95	10.56	72,400
5955	10	35	51	3.5	5.25	6.95	10.56	129,000
5956	10	35	51	3.5	5.25	6.95	10.56	99,600
5957	10	35	51	3.5	5.25	6.95	10.56	83,300
5958	10	35	51	3.5	5.25	6.95	10.56	58,300
5959	10	35	51	3.5	5.25	6.95	10.56	51,300
5960	10	35	51	3.5	5.25	6.95	10.56	40,200
5961	5.2	40	45.4	4.7	5	7.05	9.99	6,380,000
5962	5.2	40	45.4	4.7	5	7.05	9.99	5,900,000
5963	5.2	40	45.4	4.7	5	7.05	9.99	5,520,000
5964	5.2	40	45.4	4.7	5	7.05	9.99	4,610,000
5965	5.2	40	45.4	4.7	5	7.05	9.99	4,210,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
5966	5.2	40	45.4	4.7	5	7.05	9.99	3,300,000
5967	5.2	40	45.4	4.7	5	7.05	9.99	3,800,000
5968	5.2	40	45.4	4.7	5	7.05	9.99	3,290,000
5969	5.2	40	45.4	4.7	5	7.05	9.99	2,920,000
5970	5.2	40	45.4	4.7	5	7.05	9.99	2,130,000
5971	5.2	40	45.4	4.7	5	7.05	9.99	1,830,000
5972	5.2	40	45.4	4.7	5	7.05	9.99	1,250,000
5973	5.2	40	45.4	4.7	5	7.05	9.99	1,450,000
5974	5.2	40	45.4	4.7	5	7.05	9.99	1,150,000
5975	5.2	40	45.4	4.7	5	7.05	9.99	958,000
5976	5.2	40	45.4	4.7	5	7.05	9.99	613,000
5977	5.2	40	45.4	4.7	5	7.05	9.99	502,000
5978	5.2	40	45.4	4.7	5	7.05	9.99	314,000
5979	5.2	40	45.4	4.7	5	7.05	9.99	426,000
5980	5.2	40	45.4	4.7	5	7.05	9.99	326,000
5981	5.2	40	45.4	4.7	5	7.05	9.99	266,000
5982	5.2	40	45.4	4.7	5	7.05	9.99	168,000
5983	5.2	40	45.4	4.7	5	7.05	9.99	139,000
5984	5.2	40	45.4	4.7	5	7.05	9.99	92,100
5985	5.2	40	45.4	4.7	5	7.05	9.99	135,000
5986	5.2	40	45.4	4.7	5	7.05	9.99	106,000
5987	5.2	40	45.4	4.7	5	7.05	9.99	89,400
5988	5.2	40	45.4	4.7	5	7.05	9.99	62,100
5989	5.2	40	45.4	4.7	5	7.05	9.99	53,900
5990	5.2	40	45.4	4.7	5	7.05	9.99	40,200
5991	5.2	40	45.4	4.7	4.9	6.95	9.84	4,980,000
5992	5.2	40	45.4	4.7	4.9	6.95	9.84	4,760,000
5993	5.2	40	45.4	4.7	4.9	6.95	9.84	4,570,000
5994	5.2	40	45.4	4.7	4.9	6.95	9.84	4,110,000
5995	5.2	40	45.4	4.7	4.9	6.95	9.84	3,890,000
5996	5.2	40	45.4	4.7	4.9	6.95	9.84	3,360,000
5997	5.2	40	45.4	4.7	4.9	6.95	9.84	3,290,000
5998	5.2	40	45.4	4.7	4.9	6.95	9.84	2,970,000
5999	5.2	40	45.4	4.7	4.9	6.95	9.84	2,730,000
6000	5.2	40	45.4	4.7	4.9	6.95	9.84	2,180,000
6001	5.2	40	45.4	4.7	4.9	6.95	9.84	1,960,000
6002	5.2	40	45.4	4.7	4.9	6.95	9.84	1,470,000
6003	5.2	40	45.4	4.7	4.9	6.95	9.84	1,370,000
6004	5.2	40	45.4	4.7	4.9	6.95	9.84	1,130,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6005	5.2	40	45.4	4.7	4.9	6.95	9.84	976,000
6006	5.2	40	45.4	4.7	4.9	6.95	9.84	671,000
6007	5.2	40	45.4	4.7	4.9	6.95	9.84	566,000
6008	5.2	40	45.4	4.7	4.9	6.95	9.84	374,000
6009	5.2	40	45.4	4.7	4.9	6.95	9.84	409,000
6010	5.2	40	45.4	4.7	4.9	6.95	9.84	321,000
6011	5.2	40	45.4	4.7	4.9	6.95	9.84	267,000
6012	5.2	40	45.4	4.7	4.9	6.95	9.84	174,000
6013	5.2	40	45.4	4.7	4.9	6.95	9.84	145,000
6014	5.2	40	45.4	4.7	4.9	6.95	9.84	96,900
6015	5.2	40	45.4	4.7	4.9	6.95	9.84	127,000
6016	5.2	40	45.4	4.7	4.9	6.95	9.84	101,000
6017	5.2	40	45.4	4.7	4.9	6.95	9.84	85,100
6018	5.2	40	45.4	4.7	4.9	6.95	9.84	59,200
6019	5.2	40	45.4	4.7	4.9	6.95	9.84	51,200
6020	5.2	40	45.4	4.7	4.9	6.95	9.84	37,700
6021	0	27	51	4.3	4.6	6.14	10.61	5,880,000
6022	0	27	51	4.3	4.6	6.14	10.61	5,810,000
6023	0	27	51	4.3	4.6	6.14	10.61	5,740,000
6024	0	27	51	4.3	4.6	6.14	10.61	5,540,000
6025	0	27	51	4.3	4.6	6.14	10.61	5,430,000
6026	0	27	51	4.3	4.6	6.14	10.61	5,130,000
6027	0	27	51	4.3	4.6	6.14	10.61	4,720,000
6028	0	27	51	4.3	4.6	6.14	10.61	4,450,000
6029	0	27	51	4.3	4.6	6.14	10.61	4,220,000
6030	0	27	51	4.3	4.6	6.14	10.61	3,620,000
6031	0	27	51	4.3	4.6	6.14	10.61	3,340,000
6032	0	27	51	4.3	4.6	6.14	10.61	2,650,000
6033	0	27	51	4.3	4.6	6.14	10.61	2,040,000
6034	0	27	51	4.3	4.6	6.14	10.61	1,670,000
6035	0	27	51	4.3	4.6	6.14	10.61	1,420,000
6036	0	27	51	4.3	4.6	6.14	10.61	923,000
6037	0	27	51	4.3	4.6	6.14	10.61	752,000
6038	0	27	51	4.3	4.6	6.14	10.61	454,000
6039	0	27	51	4.3	4.6	6.14	10.61	450,000
6040	0	27	51	4.3	4.6	6.14	10.61	334,000
6041	0	27	51	4.3	4.6	6.14	10.61	266,000
6042	0	27	51	4.3	4.6	6.14	10.61	160,000
6043	0	27	51	4.3	4.6	6.14	10.61	130,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6044	0	27	51	4.3	4.6	6.14	10.61	83,200
6045	0	27	51	4.3	4.6	6.14	10.61	122,000
6046	0	27	51	4.3	4.6	6.14	10.61	94,200
6047	0	27	51	4.3	4.6	6.14	10.61	78,800
6048	0	27	51	4.3	4.6	6.14	10.61	54,700
6049	0	27	51	4.3	4.6	6.14	10.61	47,800
6050	0	27	51	4.3	4.6	6.14	10.61	36,700
6051	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,940,000
6052	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,860,000
6053	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,790,000
6054	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,600,000
6055	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,490,000
6056	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,210,000
6057	0	24.99	53.1875	4.38	4.55	6.7	9.56	3,150,000
6058	0	24.99	53.1875	4.38	4.55	6.7	9.56	2,950,000
6059	0	24.99	53.1875	4.38	4.55	6.7	9.56	2,790,000
6060	0	24.99	53.1875	4.38	4.55	6.7	9.56	2,370,000
6061	0	24.99	53.1875	4.38	4.55	6.7	9.56	2,170,000
6062	0	24.99	53.1875	4.38	4.55	6.7	9.56	1,710,000
6063	0	24.99	53.1875	4.38	4.55	6.7	9.56	1,560,000
6064	0	24.99	53.1875	4.38	4.55	6.7	9.56	1,310,000
6065	0	24.99	53.1875	4.38	4.55	6.7	9.56	1,130,000
6066	0	24.99	53.1875	4.38	4.55	6.7	9.56	761,000
6067	0	24.99	53.1875	4.38	4.55	6.7	9.56	631,000
6068	0	24.99	53.1875	4.38	4.55	6.7	9.56	395,000
6069	0	24.99	53.1875	4.38	4.55	6.7	9.56	419,000
6070	0	24.99	53.1875	4.38	4.55	6.7	9.56	316,000
6071	0	24.99	53.1875	4.38	4.55	6.7	9.56	255,000
6072	0	24.99	53.1875	4.38	4.55	6.7	9.56	155,000
6073	0	24.99	53.1875	4.38	4.55	6.7	9.56	126,000
6074	0	24.99	53.1875	4.38	4.55	6.7	9.56	80,000
6075	0	24.99	53.1875	4.38	4.55	6.7	9.56	102,000
6076	0	24.99	53.1875	4.38	4.55	6.7	9.56	79,500
6077	0	24.99	53.1875	4.38	4.55	6.7	9.56	66,600
6078	0	24.99	53.1875	4.38	4.55	6.7	9.56	46,100
6079	0	24.99	53.1875	4.38	4.55	6.7	9.56	40,100
6080	0	24.99	53.1875	4.38	4.55	6.7	9.56	30,500
6081	0	26.5	41.75	4.05	4.95	7.15	9.9	4,630,000
6082	0	26.5	41.75	4.05	4.95	7.15	9.9	4,470,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6083	0	26.5	41.75	4.05	4.95	7.15	9.9	4,340,000
6084	0	26.5	41.75	4.05	4.95	7.15	9.9	4,010,000
6085	0	26.5	41.75	4.05	4.95	7.15	9.9	3,860,000
6086	0	26.5	41.75	4.05	4.95	7.15	9.9	3,490,000
6087	0	26.5	41.75	4.05	4.95	7.15	9.9	3,340,000
6088	0	26.5	41.75	4.05	4.95	7.15	9.9	3,110,000
6089	0	26.5	41.75	4.05	4.95	7.15	9.9	2,940,000
6090	0	26.5	41.75	4.05	4.95	7.15	9.9	2,540,000
6091	0	26.5	41.75	4.05	4.95	7.15	9.9	2,360,000
6092	0	26.5	41.75	4.05	4.95	7.15	9.9	1,960,000
6093	0	26.5	41.75	4.05	4.95	7.15	9.9	1,770,000
6094	0	26.5	41.75	4.05	4.95	7.15	9.9	1,560,000
6095	0	26.5	41.75	4.05	4.95	7.15	9.9	1,410,000
6096	0	26.5	41.75	4.05	4.95	7.15	9.9	1,080,000
6097	0	26.5	41.75	4.05	4.95	7.15	9.9	955,000
6098	0	26.5	41.75	4.05	4.95	7.15	9.9	699,000
6099	0	26.5	41.75	4.05	4.95	7.15	9.9	703,000
6100	0	26.5	41.75	4.05	4.95	7.15	9.9	579,000
6101	0	26.5	41.75	4.05	4.95	7.15	9.9	497,000
6102	0	26.5	41.75	4.05	4.95	7.15	9.9	338,000
6103	0	26.5	41.75	4.05	4.95	7.15	9.9	284,000
6104	0	26.5	41.75	4.05	4.95	7.15	9.9	184,000
6105	0	26.5	41.75	4.05	4.95	7.15	9.9	234,000
6106	0	26.5	41.75	4.05	4.95	7.15	9.9	183,000
6107	0	26.5	41.75	4.05	4.95	7.15	9.9	150,000
6108	0	26.5	41.75	4.05	4.95	7.15	9.9	94,100
6109	0	26.5	41.75	4.05	4.95	7.15	9.9	76,400
6110	0	26.5	41.75	4.05	4.95	7.15	9.9	46,700
6111	0	25.5	43.5	4.35	5.26	6.15	10.95	5,160,000
6112	0	25.5	43.5	4.35	5.26	6.15	10.95	5,020,000
6113	0	25.5	43.5	4.35	5.26	6.15	10.95	4,910,000
6114	0	25.5	43.5	4.35	5.26	6.15	10.95	4,620,000
6115	0	25.5	43.5	4.35	5.26	6.15	10.95	4,480,000
6116	0	25.5	43.5	4.35	5.26	6.15	10.95	4,110,000
6117	0	25.5	43.5	4.35	5.26	6.15	10.95	4,180,000
6118	0	25.5	43.5	4.35	5.26	6.15	10.95	3,950,000
6119	0	25.5	43.5	4.35	5.26	6.15	10.95	3,770,000
6120	0	25.5	43.5	4.35	5.26	6.15	10.95	3,310,000
6121	0	25.5	43.5	4.35	5.26	6.15	10.95	3,100,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6122	0	25.5	43.5	4.35	5.26	6.15	10.95	2,600,000
6123	0	25.5	43.5	4.35	5.26	6.15	10.95	2,630,000
6124	0	25.5	43.5	4.35	5.26	6.15	10.95	2,340,000
6125	0	25.5	43.5	4.35	5.26	6.15	10.95	2,130,000
6126	0	25.5	43.5	4.35	5.26	6.15	10.95	1,650,000
6127	0	25.5	43.5	4.35	5.26	6.15	10.95	1,450,000
6128	0	25.5	43.5	4.35	5.26	6.15	10.95	1,050,000
6129	0	25.5	43.5	4.35	5.26	6.15	10.95	1,230,000
6130	0	25.5	43.5	4.35	5.26	6.15	10.95	1,010,000
6131	0	25.5	43.5	4.35	5.26	6.15	10.95	863,000
6132	0	25.5	43.5	4.35	5.26	6.15	10.95	577,000
6133	0	25.5	43.5	4.35	5.26	6.15	10.95	477,000
6134	0	25.5	43.5	4.35	5.26	6.15	10.95	299,000
6135	0	25.5	43.5	4.35	5.26	6.15	10.95	452,000
6136	0	25.5	43.5	4.35	5.26	6.15	10.95	347,000
6137	0	25.5	43.5	4.35	5.26	6.15	10.95	281,000
6138	0	25.5	43.5	4.35	5.26	6.15	10.95	170,000
6139	0	25.5	43.5	4.35	5.26	6.15	10.95	135,000
6140	0	25.5	43.5	4.35	5.26	6.15	10.95	79,700
6141	1.3	38	56	5.1	4.9	7.38	11	5,830,000
6142	1.3	38	56	5.1	4.9	7.38	11	5,480,000
6143	1.3	38	56	5.1	4.9	7.38	11	5,180,000
6144	1.3	38	56	5.1	4.9	7.38	11	4,380,000
6145	1.3	38	56	5.1	4.9	7.38	11	4,010,000
6146	1.3	38	56	5.1	4.9	7.38	11	3,100,000
6147	1.3	38	56	5.1	4.9	7.38	11	3,670,000
6148	1.3	38	56	5.1	4.9	7.38	11	3,150,000
6149	1.3	38	56	5.1	4.9	7.38	11	2,760,000
6150	1.3	38	56	5.1	4.9	7.38	11	1,920,000
6151	1.3	38	56	5.1	4.9	7.38	11	1,610,000
6152	1.3	38	56	5.1	4.9	7.38	11	1,010,000
6153	1.3	38	56	5.1	4.9	7.38	11	1,060,000
6154	1.3	38	56	5.1	4.9	7.38	11	793,000
6155	1.3	38	56	5.1	4.9	7.38	11	633,000
6156	1.3	38	56	5.1	4.9	7.38	11	373,000
6157	1.3	38	56	5.1	4.9	7.38	11	299,000
6158	1.3	38	56	5.1	4.9	7.38	11	184,000
6159	1.3	38	56	5.1	4.9	7.38	11	183,000
6160	1.3	38	56	5.1	4.9	7.38	11	143,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6161	1.3	38	56	5.1	4.9	7.38	11	120,000
6162	1.3	38	56	5.1	4.9	7.38	11	85,300
6163	1.3	38	56	5.1	4.9	7.38	11	75,400
6164	1.3	38	56	5.1	4.9	7.38	11	59,600
6165	1.3	38	56	5.1	4.9	7.38	11	58,200
6166	1.3	38	56	5.1	4.9	7.38	11	52,600
6167	1.3	38	56	5.1	4.9	7.38	11	49,200
6168	1.3	38	56	5.1	4.9	7.38	11	43,700
6169	1.3	38	56	5.1	4.9	7.38	11	41,900
6170	1.3	38	56	5.1	4.9	7.38	11	39,000
6171	10	35	51	3.5	5	7.1	10.02	3,790,000
6172	10	35	51	3.5	5	7.1	10.02	3,750,000
6173	10	35	51	3.5	5	7.1	10.02	3,710,000
6174	10	35	51	3.5	5	7.1	10.02	3,600,000
6175	10	35	51	3.5	5	7.1	10.02	3,540,000
6176	10	35	51	3.5	5	7.1	10.02	3,350,000
6177	10	35	51	3.5	5	7.1	10.02	3,170,000
6178	10	35	51	3.5	5	7.1	10.02	3,000,000
6179	10	35	51	3.5	5	7.1	10.02	2,860,000
6180	10	35	51	3.5	5	7.1	10.02	2,460,000
6181	10	35	51	3.5	5	7.1	10.02	2,270,000
6182	10	35	51	3.5	5	7.1	10.02	1,800,000
6183	10	35	51	3.5	5	7.1	10.02	1,450,000
6184	10	35	51	3.5	5	7.1	10.02	1,190,000
6185	10	35	51	3.5	5	7.1	10.02	1,010,000
6186	10	35	51	3.5	5	7.1	10.02	650,000
6187	10	35	51	3.5	5	7.1	10.02	529,000
6188	10	35	51	3.5	5	7.1	10.02	320,000
6189	10	35	51	3.5	5	7.1	10.02	324,000
6190	10	35	51	3.5	5	7.1	10.02	243,000
6191	10	35	51	3.5	5	7.1	10.02	196,000
6192	10	35	51	3.5	5	7.1	10.02	124,000
6193	10	35	51	3.5	5	7.1	10.02	104,000
6194	10	35	51	3.5	5	7.1	10.02	72,500
6195	10	35	51	3.5	5	7.1	10.02	94,500
6196	10	35	51	3.5	5	7.1	10.02	77,100
6197	10	35	51	3.5	5	7.1	10.02	67,300
6198	10	35	51	3.5	5	7.1	10.02	51,700
6199	10	35	51	3.5	5	7.1	10.02	47,200

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6200	10	35	51	3.5	5	7.1	10.02	39,800
6201	0	13	42	6.1	5.2	7.23	11.09	4,100,000
6202	0	13	42	6.1	5.2	7.23	11.09	4,050,000
6203	0	13	42	6.1	5.2	7.23	11.09	3,990,000
6204	0	13	42	6.1	5.2	7.23	11.09	3,830,000
6205	0	13	42	6.1	5.2	7.23	11.09	3,750,000
6206	0	13	42	6.1	5.2	7.23	11.09	3,480,000
6207	0	13	42	6.1	5.2	7.23	11.09	3,420,000
6208	0	13	42	6.1	5.2	7.23	11.09	3,220,000
6209	0	13	42	6.1	5.2	7.23	11.09	3,040,000
6210	0	13	42	6.1	5.2	7.23	11.09	2,560,000
6211	0	13	42	6.1	5.2	7.23	11.09	2,330,000
6212	0	13	42	6.1	5.2	7.23	11.09	1,760,000
6213	0	13	42	6.1	5.2	7.23	11.09	1,690,000
6214	0	13	42	6.1	5.2	7.23	11.09	1,370,000
6215	0	13	42	6.1	5.2	7.23	11.09	1,150,000
6216	0	13	42	6.1	5.2	7.23	11.09	720,000
6217	0	13	42	6.1	5.2	7.23	11.09	576,000
6218	0	13	42	6.1	5.2	7.23	11.09	333,000
6219	0	13	42	6.1	5.2	7.23	11.09	442,000
6220	0	13	42	6.1	5.2	7.23	11.09	323,000
6221	0	13	42	6.1	5.2	7.23	11.09	255,000
6222	0	13	42	6.1	5.2	7.23	11.09	151,000
6223	0	13	42	6.1	5.2	7.23	11.09	123,000
6224	0	13	42	6.1	5.2	7.23	11.09	81,000
6225	0	13	42	6.1	5.2	7.23	11.09	132,000
6226	0	13	42	6.1	5.2	7.23	11.09	102,000
6227	0	13	42	6.1	5.2	7.23	11.09	85,800
6228	0	13	42	6.1	5.2	7.23	11.09	61,200
6229	0	13	42	6.1	5.2	7.23	11.09	54,400
6230	0	13	42	6.1	5.2	7.23	11.09	43,800
6231	10	35	51	2.6	4.2	6.87	10.07	3,940,000
6232	10	35	51	2.6	4.2	6.87	10.07	3,910,000
6233	10	35	51	2.6	4.2	6.87	10.07	3,890,000
6234	10	35	51	2.6	4.2	6.87	10.07	3,820,000
6235	10	35	51	2.6	4.2	6.87	10.07	3,770,000
6236	10	35	51	2.6	4.2	6.87	10.07	3,630,000
6237	10	35	51	2.6	4.2	6.87	10.07	3,550,000
6238	10	35	51	2.6	4.2	6.87	10.07	3,410,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6239	10	35	51	2.6	4.2	6.87	10.07	3,290,000
6240	10	35	51	2.6	4.2	6.87	10.07	2,920,000
6241	10	35	51	2.6	4.2	6.87	10.07	2,730,000
6242	10	35	51	2.6	4.2	6.87	10.07	2,210,000
6243	10	35	51	2.6	4.2	6.87	10.07	1,990,000
6244	10	35	51	2.6	4.2	6.87	10.07	1,660,000
6245	10	35	51	2.6	4.2	6.87	10.07	1,410,000
6246	10	35	51	2.6	4.2	6.87	10.07	905,000
6247	10	35	51	2.6	4.2	6.87	10.07	726,000
6248	10	35	51	2.6	4.2	6.87	10.07	418,000
6249	10	35	51	2.6	4.2	6.87	10.07	498,000
6250	10	35	51	2.6	4.2	6.87	10.07	362,000
6251	10	35	51	2.6	4.2	6.87	10.07	284,000
6252	10	35	51	2.6	4.2	6.87	10.07	169,000
6253	10	35	51	2.6	4.2	6.87	10.07	138,000
6254	10	35	51	2.6	4.2	6.87	10.07	93,700
6255	10	35	51	2.6	4.2	6.87	10.07	138,000
6256	10	35	51	2.6	4.2	6.87	10.07	109,000
6257	10	35	51	2.6	4.2	6.87	10.07	93,500
6258	10	35	51	2.6	4.2	6.87	10.07	70,200
6259	10	35	51	2.6	4.2	6.87	10.07	63,900
6260	10	35	51	2.6	4.2	6.87	10.07	54,100
6261	0	27	51	4.3	4.6	7.47	10.21	4,200,000
6262	0	27	51	4.3	4.6	7.47	10.21	4,130,000
6263	0	27	51	4.3	4.6	7.47	10.21	4,060,000
6264	0	27	51	4.3	4.6	7.47	10.21	3,880,000
6265	0	27	51	4.3	4.6	7.47	10.21	3,780,000
6266	0	27	51	4.3	4.6	7.47	10.21	3,490,000
6267	0	27	51	4.3	4.6	7.47	10.21	3,310,000
6268	0	27	51	4.3	4.6	7.47	10.21	3,100,000
6269	0	27	51	4.3	4.6	7.47	10.21	2,920,000
6270	0	27	51	4.3	4.6	7.47	10.21	2,460,000
6271	0	27	51	4.3	4.6	7.47	10.21	2,240,000
6272	0	27	51	4.3	4.6	7.47	10.21	1,730,000
6273	0	27	51	4.3	4.6	7.47	10.21	1,490,000
6274	0	27	51	4.3	4.6	7.47	10.21	1,220,000
6275	0	27	51	4.3	4.6	7.47	10.21	1,040,000
6276	0	27	51	4.3	4.6	7.47	10.21	672,000
6277	0	27	51	4.3	4.6	7.47	10.21	547,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6278	0	27	51	4.3	4.6	7.47	10.21	328,000
6279	0	27	51	4.3	4.6	7.47	10.21	367,000
6280	0	27	51	4.3	4.6	7.47	10.21	272,000
6281	0	27	51	4.3	4.6	7.47	10.21	216,000
6282	0	27	51	4.3	4.6	7.47	10.21	128,000
6283	0	27	51	4.3	4.6	7.47	10.21	103,000
6284	0	27	51	4.3	4.6	7.47	10.21	64,600
6285	0	27	51	4.3	4.6	7.47	10.21	98,700
6286	0	27	51	4.3	4.6	7.47	10.21	75,400
6287	0	27	51	4.3	4.6	7.47	10.21	62,300
6288	0	27	51	4.3	4.6	7.47	10.21	42,100
6289	0	27	51	4.3	4.6	7.47	10.21	36,400
6290	0	27	51	4.3	4.6	7.47	10.21	27,300
6291	0	24.1	50.6	4.7	5.24	7.35	7.63	5,460,000
6292	0	24.1	50.6	4.7	5.24	7.35	7.63	5,170,000
6293	0	24.1	50.6	4.7	5.24	7.35	7.63	4,940,000
6294	0	24.1	50.6	4.7	5.24	7.35	7.63	4,330,000
6295	0	24.1	50.6	4.7	5.24	7.35	7.63	4,040,000
6296	0	24.1	50.6	4.7	5.24	7.35	7.63	3,360,000
6297	0	24.1	50.6	4.7	5.24	7.35	7.63	3,900,000
6298	0	24.1	50.6	4.7	5.24	7.35	7.63	3,510,000
6299	0	24.1	50.6	4.7	5.24	7.35	7.63	3,200,000
6300	0	24.1	50.6	4.7	5.24	7.35	7.63	2,510,000
6301	0	24.1	50.6	4.7	5.24	7.35	7.63	2,230,000
6302	0	24.1	50.6	4.7	5.24	7.35	7.63	1,620,000
6303	0	24.1	50.6	4.7	5.24	7.35	7.63	1,920,000
6304	0	24.1	50.6	4.7	5.24	7.35	7.63	1,580,000
6305	0	24.1	50.6	4.7	5.24	7.35	7.63	1,350,000
6306	0	24.1	50.6	4.7	5.24	7.35	7.63	908,000
6307	0	24.1	50.6	4.7	5.24	7.35	7.63	754,000
6308	0	24.1	50.6	4.7	5.24	7.35	7.63	477,000
6309	0	24.1	50.6	4.7	5.24	7.35	7.63	645,000
6310	0	24.1	50.6	4.7	5.24	7.35	7.63	496,000
6311	0	24.1	50.6	4.7	5.24	7.35	7.63	404,000
6312	0	24.1	50.6	4.7	5.24	7.35	7.63	249,000
6313	0	24.1	50.6	4.7	5.24	7.35	7.63	202,000
6314	0	24.1	50.6	4.7	5.24	7.35	7.63	126,000
6315	0	24.1	50.6	4.7	5.24	7.35	7.63	183,000
6316	0	24.1	50.6	4.7	5.24	7.35	7.63	140,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6317	0	24.1	50.6	4.7	5.24	7.35	7.63	115,000
6318	0	24.1	50.6	4.7	5.24	7.35	7.63	74,900
6319	0	24.1	50.6	4.7	5.24	7.35	7.63	63,200
6320	0	24.1	50.6	4.7	5.24	7.35	7.63	44,100
6321	0	33	61	2.8	6.8	11.05	15.08	1,410,000
6322	0	33	61	2.8	6.8	11.05	15.08	1,340,000
6323	0	33	61	2.8	6.8	11.05	15.08	1,290,000
6324	0	33	61	2.8	6.8	11.05	15.08	1,140,000
6325	0	33	61	2.8	6.8	11.05	15.08	1,070,000
6326	0	33	61	2.8	6.8	11.05	15.08	886,000
6327	0	33	61	2.8	6.8	11.05	15.08	959,000
6328	0	33	61	2.8	6.8	11.05	15.08	854,000
6329	0	33	61	2.8	6.8	11.05	15.08	774,000
6330	0	33	61	2.8	6.8	11.05	15.08	593,000
6331	0	33	61	2.8	6.8	11.05	15.08	520,000
6332	0	33	61	2.8	6.8	11.05	15.08	371,000
6333	0	33	61	2.8	6.8	11.05	15.08	423,000
6334	0	33	61	2.8	6.8	11.05	15.08	345,000
6335	0	33	61	2.8	6.8	11.05	15.08	294,000
6336	0	33	61	2.8	6.8	11.05	15.08	199,000
6337	0	33	61	2.8	6.8	11.05	15.08	168,000
6338	0	33	61	2.8	6.8	11.05	15.08	114,000
6339	0	33	61	2.8	6.8	11.05	15.08	158,000
6340	0	33	61	2.8	6.8	11.05	15.08	126,000
6341	0	33	61	2.8	6.8	11.05	15.08	107,000
6342	0	33	61	2.8	6.8	11.05	15.08	75,500
6343	0	33	61	2.8	6.8	11.05	15.08	65,800
6344	0	33	61	2.8	6.8	11.05	15.08	49,500
6345	0	33	61	2.8	6.8	11.05	15.08	73,100
6346	0	33	61	2.8	6.8	11.05	15.08	61,200
6347	0	33	61	2.8	6.8	11.05	15.08	54,100
6348	0	33	61	2.8	6.8	11.05	15.08	42,200
6349	0	33	61	2.8	6.8	11.05	15.08	38,500
6350	0	33	61	2.8	6.8	11.05	15.08	32,300
6351	0	33	61	2.8	8.8	18.13	16.1	1,160,000
6352	0	33	61	2.8	8.8	18.13	16.1	1,140,000
6353	0	33	61	2.8	8.8	18.13	16.1	1,120,000
6354	0	33	61	2.8	8.8	18.13	16.1	1,040,000
6355	0	33	61	2.8	8.8	18.13	16.1	1,000,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6356	0	33	61	2.8	8.8	18.13	16.1	889,000
6357	0	33	61	2.8	8.8	18.13	16.1	827,000
6358	0	33	61	2.8	8.8	18.13	16.1	742,000
6359	0	33	61	2.8	8.8	18.13	16.1	673,000
6360	0	33	61	2.8	8.8	18.13	16.1	507,000
6361	0	33	61	2.8	8.8	18.13	16.1	437,000
6362	0	33	61	2.8	8.8	18.13	16.1	295,000
6363	0	33	61	2.8	8.8	18.13	16.1	451,000
6364	0	33	61	2.8	8.8	18.13	16.1	365,000
6365	0	33	61	2.8	8.8	18.13	16.1	306,000
6366	0	33	61	2.8	8.8	18.13	16.1	197,000
6367	0	33	61	2.8	8.8	18.13	16.1	162,000
6368	0	33	61	2.8	8.8	18.13	16.1	104,000
6369	0	33	61	2.8	8.8	18.13	16.1	131,000
6370	0	33	61	2.8	8.8	18.13	16.1	102,000
6371	0	33	61	2.8	8.8	18.13	16.1	85,300
6372	0	33	61	2.8	8.8	18.13	16.1	59,400
6373	0	33	61	2.8	8.8	18.13	16.1	52,100
6374	0	33	61	2.8	8.8	18.13	16.1	40,700
6375	0	33	61	2.8	8.8	18.13	16.1	52,400
6376	0	33	61	2.8	8.8	18.13	16.1	45,000
6377	0	33	61	2.8	8.8	18.13	16.1	40,800
6378	0	33	61	2.8	8.8	18.13	16.1	34,200
6379	0	33	61	2.8	8.8	18.13	16.1	32,200
6380	0	33	61	2.8	8.8	18.13	16.1	29,100
6381	0	21	62	2.6	8.9	5.63	25.09	3,960,000
6382	0	21	62	2.6	8.9	5.63	25.09	3,890,000
6383	0	21	62	2.6	8.9	5.63	25.09	3,830,000
6384	0	21	62	2.6	8.9	5.63	25.09	3,660,000
6385	0	21	62	2.6	8.9	5.63	25.09	3,570,000
6386	0	21	62	2.6	8.9	5.63	25.09	3,340,000
6387	0	21	62	2.6	8.9	5.63	25.09	3,320,000
6388	0	21	62	2.6	8.9	5.63	25.09	3,160,000
6389	0	21	62	2.6	8.9	5.63	25.09	3,030,000
6390	0	21	62	2.6	8.9	5.63	25.09	2,680,000
6391	0	21	62	2.6	8.9	5.63	25.09	2,510,000
6392	0	21	62	2.6	8.9	5.63	25.09	2,100,000
6393	0	21	62	2.6	8.9	5.63	25.09	1,970,000
6394	0	21	62	2.6	8.9	5.63	25.09	1,730,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6395	0	21	62	2.6	8.9	5.63	25.09	1,550,000
6396	0	21	62	2.6	8.9	5.63	25.09	1,150,000
6397	0	21	62	2.6	8.9	5.63	25.09	992,000
6398	0	21	62	2.6	8.9	5.63	25.09	680,000
6399	0	21	62	2.6	8.9	5.63	25.09	676,000
6400	0	21	62	2.6	8.9	5.63	25.09	534,000
6401	0	21	62	2.6	8.9	5.63	25.09	442,000
6402	0	21	62	2.6	8.9	5.63	25.09	281,000
6403	0	21	62	2.6	8.9	5.63	25.09	230,000
6404	0	21	62	2.6	8.9	5.63	25.09	145,000
6405	0	21	62	2.6	8.9	5.63	25.09	166,000
6406	0	21	62	2.6	8.9	5.63	25.09	128,000
6407	0	21	62	2.6	8.9	5.63	25.09	106,000
6408	0	21	62	2.6	8.9	5.63	25.09	70,100
6409	0	21	62	2.6	8.9	5.63	25.09	59,600
6410	0	21	62	2.6	8.9	5.63	25.09	42,500
6411	0	21	62	2.6	8.9	7.83	24.51	4,480,000
6412	0	21	62	2.6	8.9	7.83	24.51	4,380,000
6413	0	21	62	2.6	8.9	7.83	24.51	4,300,000
6414	0	21	62	2.6	8.9	7.83	24.51	4,070,000
6415	0	21	62	2.6	8.9	7.83	24.51	3,950,000
6416	0	21	62	2.6	8.9	7.83	24.51	3,630,000
6417	0	21	62	2.6	8.9	7.83	24.51	3,570,000
6418	0	21	62	2.6	8.9	7.83	24.51	3,350,000
6419	0	21	62	2.6	8.9	7.83	24.51	3,170,000
6420	0	21	62	2.6	8.9	7.83	24.51	2,720,000
6421	0	21	62	2.6	8.9	7.83	24.51	2,520,000
6422	0	21	62	2.6	8.9	7.83	24.51	2,020,000
6423	0	21	62	2.6	8.9	7.83	24.51	1,870,000
6424	0	21	62	2.6	8.9	7.83	24.51	1,600,000
6425	0	21	62	2.6	8.9	7.83	24.51	1,400,000
6426	0	21	62	2.6	8.9	7.83	24.51	978,000
6427	0	21	62	2.6	8.9	7.83	24.51	823,000
6428	0	21	62	2.6	8.9	7.83	24.51	529,000
6429	0	21	62	2.6	8.9	7.83	24.51	570,000
6430	0	21	62	2.6	8.9	7.83	24.51	435,000
6431	0	21	62	2.6	8.9	7.83	24.51	351,000
6432	0	21	62	2.6	8.9	7.83	24.51	209,000
6433	0	21	62	2.6	8.9	7.83	24.51	167,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6434	0	21	62	2.6	8.9	7.83	24.51	98,800
6435	0	21	62	2.6	8.9	7.83	24.51	137,000
6436	0	21	62	2.6	8.9	7.83	24.51	102,000
6437	0	21	62	2.6	8.9	7.83	24.51	81,600
6438	0	21	62	2.6	8.9	7.83	24.51	50,300
6439	0	21	62	2.6	8.9	7.83	24.51	41,500
6440	0	21	62	2.6	8.9	7.83	24.51	27,600
6441	0	21	62	2.6	8.9	10.97	23.67	2,390,000
6442	0	21	62	2.6	8.9	10.97	23.67	2,340,000
6443	0	21	62	2.6	8.9	10.97	23.67	2,290,000
6444	0	21	62	2.6	8.9	10.97	23.67	2,160,000
6445	0	21	62	2.6	8.9	10.97	23.67	2,100,000
6446	0	21	62	2.6	8.9	10.97	23.67	1,920,000
6447	0	21	62	2.6	8.9	10.97	23.67	1,950,000
6448	0	21	62	2.6	8.9	10.97	23.67	1,830,000
6449	0	21	62	2.6	8.9	10.97	23.67	1,740,000
6450	0	21	62	2.6	8.9	10.97	23.67	1,500,000
6451	0	21	62	2.6	8.9	10.97	23.67	1,390,000
6452	0	21	62	2.6	8.9	10.97	23.67	1,120,000
6453	0	21	62	2.6	8.9	10.97	23.67	1,140,000
6454	0	21	62	2.6	8.9	10.97	23.67	991,000
6455	0	21	62	2.6	8.9	10.97	23.67	877,000
6456	0	21	62	2.6	8.9	10.97	23.67	631,000
6457	0	21	62	2.6	8.9	10.97	23.67	537,000
6458	0	21	62	2.6	8.9	10.97	23.67	354,000
6459	0	21	62	2.6	8.9	10.97	23.67	461,000
6460	0	21	62	2.6	8.9	10.97	23.67	361,000
6461	0	21	62	2.6	8.9	10.97	23.67	297,000
6462	0	21	62	2.6	8.9	10.97	23.67	182,000
6463	0	21	62	2.6	8.9	10.97	23.67	146,000
6464	0	21	62	2.6	8.9	10.97	23.67	86,900
6465	0	21	62	2.6	8.9	10.97	23.67	157,000
6466	0	21	62	2.6	8.9	10.97	23.67	117,000
6467	0	21	62	2.6	8.9	10.97	23.67	93,200
6468	0	21	62	2.6	8.9	10.97	23.67	55,700
6469	0	21	62	2.6	8.9	10.97	23.67	45,000
6470	0	21	62	2.6	8.9	10.97	23.67	28,200
6471	0	21	62	2.6	8.8	5.24	16.24	4,970,000
6472	0	21	62	2.6	8.8	5.24	16.24	4,860,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6473	0	21	62	2.6	8.8	5.24	16.24	4,770,000
6474	0	21	62	2.6	8.8	5.24	16.24	4,500,000
6475	0	21	62	2.6	8.8	5.24	16.24	4,360,000
6476	0	21	62	2.6	8.8	5.24	16.24	4,000,000
6477	0	21	62	2.6	8.8	5.24	16.24	3,790,000
6478	0	21	62	2.6	8.8	5.24	16.24	3,540,000
6479	0	21	62	2.6	8.8	5.24	16.24	3,330,000
6480	0	21	62	2.6	8.8	5.24	16.24	2,800,000
6481	0	21	62	2.6	8.8	5.24	16.24	2,570,000
6482	0	21	62	2.6	8.8	5.24	16.24	2,020,000
6483	0	21	62	2.6	8.8	5.24	16.24	1,790,000
6484	0	21	62	2.6	8.8	5.24	16.24	1,500,000
6485	0	21	62	2.6	8.8	5.24	16.24	1,300,000
6486	0	21	62	2.6	8.8	5.24	16.24	892,000
6487	0	21	62	2.6	8.8	5.24	16.24	746,000
6488	0	21	62	2.6	8.8	5.24	16.24	478,000
6489	0	21	62	2.6	8.8	5.24	16.24	547,000
6490	0	21	62	2.6	8.8	5.24	16.24	421,000
6491	0	21	62	2.6	8.8	5.24	16.24	343,000
6492	0	21	62	2.6	8.8	5.24	16.24	213,000
6493	0	21	62	2.6	8.8	5.24	16.24	174,000
6494	0	21	62	2.6	8.8	5.24	16.24	111,000
6495	0	21	62	2.6	8.8	5.24	16.24	174,000
6496	0	21	62	2.6	8.8	5.24	16.24	134,000
6497	0	21	62	2.6	8.8	5.24	16.24	111,000
6498	0	21	62	2.6	8.8	5.24	16.24	73,300
6499	0	21	62	2.6	8.8	5.24	16.24	62,400
6500	0	21	62	2.6	8.8	5.24	16.24	44,600
6501	0	21	62	2.6	8.9	8.14	18.25	3,430,000
6502	0	21	62	2.6	8.9	8.14	18.25	3,320,000
6503	0	21	62	2.6	8.9	8.14	18.25	3,220,000
6504	0	21	62	2.6	8.9	8.14	18.25	2,960,000
6505	0	21	62	2.6	8.9	8.14	18.25	2,820,000
6506	0	21	62	2.6	8.9	8.14	18.25	2,470,000
6507	0	21	62	2.6	8.9	8.14	18.25	2,660,000
6508	0	21	62	2.6	8.9	8.14	18.25	2,450,000
6509	0	21	62	2.6	8.9	8.14	18.25	2,280,000
6510	0	21	62	2.6	8.9	8.14	18.25	1,850,000
6511	0	21	62	2.6	8.9	8.14	18.25	1,670,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6512	0	21	62	2.6	8.9	8.14	18.25	1,240,000
6513	0	21	62	2.6	8.9	8.14	18.25	1,340,000
6514	0	21	62	2.6	8.9	8.14	18.25	1,110,000
6515	0	21	62	2.6	8.9	8.14	18.25	948,000
6516	0	21	62	2.6	8.9	8.14	18.25	630,000
6517	0	21	62	2.6	8.9	8.14	18.25	519,000
6518	0	21	62	2.6	8.9	8.14	18.25	322,000
6519	0	21	62	2.6	8.9	8.14	18.25	396,000
6520	0	21	62	2.6	8.9	8.14	18.25	300,000
6521	0	21	62	2.6	8.9	8.14	18.25	243,000
6522	0	21	62	2.6	8.9	8.14	18.25	148,000
6523	0	21	62	2.6	8.9	8.14	18.25	121,000
6524	0	21	62	2.6	8.9	8.14	18.25	77,600
6525	0	21	62	2.6	8.9	8.14	18.25	102,000
6526	0	21	62	2.6	8.9	8.14	18.25	79,300
6527	0	21	62	2.6	8.9	8.14	18.25	66,600
6528	0	21	62	2.6	8.9	8.14	18.25	46,400
6529	0	21	62	2.6	8.9	8.14	18.25	40,600
6530	0	21	62	2.6	8.9	8.14	18.25	31,100
6531	0	21	62	2.6	8.9	11.13	18.24	3,250,000
6532	0	21	62	2.6	8.9	11.13	18.24	3,110,000
6533	0	21	62	2.6	8.9	11.13	18.24	2,990,000
6534	0	21	62	2.6	8.9	11.13	18.24	2,670,000
6535	0	21	62	2.6	8.9	11.13	18.24	2,530,000
6536	0	21	62	2.6	8.9	11.13	18.24	2,160,000
6537	0	21	62	2.6	8.9	11.13	18.24	2,340,000
6538	0	21	62	2.6	8.9	11.13	18.24	2,130,000
6539	0	21	62	2.6	8.9	11.13	18.24	1,960,000
6540	0	21	62	2.6	8.9	11.13	18.24	1,580,000
6541	0	21	62	2.6	8.9	11.13	18.24	1,420,000
6542	0	21	62	2.6	8.9	11.13	18.24	1,070,000
6543	0	21	62	2.6	8.9	11.13	18.24	1,080,000
6544	0	21	62	2.6	8.9	11.13	18.24	904,000
6545	0	21	62	2.6	8.9	11.13	18.24	780,000
6546	0	21	62	2.6	8.9	11.13	18.24	539,000
6547	0	21	62	2.6	8.9	11.13	18.24	454,000
6548	0	21	62	2.6	8.9	11.13	18.24	301,000
6549	0	21	62	2.6	8.9	11.13	18.24	314,000
6550	0	21	62	2.6	8.9	11.13	18.24	247,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6551	0	21	62	2.6	8.9	11.13	18.24	206,000
6552	0	21	62	2.6	8.9	11.13	18.24	137,000
6553	0	21	62	2.6	8.9	11.13	18.24	115,000
6554	0	21	62	2.6	8.9	11.13	18.24	79,400
6555	0	21	62	2.6	8.9	11.13	18.24	83,300
6556	0	21	62	2.6	8.9	11.13	18.24	68,400
6557	0	21	62	2.6	8.9	11.13	18.24	59,500
6558	0	21	62	2.6	8.9	11.13	18.24	44,500
6559	0	21	62	2.6	8.9	11.13	18.24	39,800
6560	0	21	62	2.6	8.9	11.13	18.24	31,900
6561	0	26	74	1.8	8.9	8.62	19.07	1,860,000
6562	0	26	74	1.8	8.9	8.62	19.07	1,760,000
6563	0	26	74	1.8	8.9	8.62	19.07	1,670,000
6564	0	26	74	1.8	8.9	8.62	19.07	1,440,000
6565	0	26	74	1.8	8.9	8.62	19.07	1,340,000
6566	0	26	74	1.8	8.9	8.62	19.07	1,080,000
6567	0	26	74	1.8	8.9	8.62	19.07	1,220,000
6568	0	26	74	1.8	8.9	8.62	19.07	1,080,000
6569	0	26	74	1.8	8.9	8.62	19.07	963,000
6570	0	26	74	1.8	8.9	8.62	19.07	714,000
6571	0	26	74	1.8	8.9	8.62	19.07	616,000
6572	0	26	74	1.8	8.9	8.62	19.07	416,000
6573	0	26	74	1.8	8.9	8.62	19.07	499,000
6574	0	26	74	1.8	8.9	8.62	19.07	395,000
6575	0	26	74	1.8	8.9	8.62	19.07	327,000
6576	0	26	74	1.8	8.9	8.62	19.07	204,000
6577	0	26	74	1.8	8.9	8.62	19.07	165,000
6578	0	26	74	1.8	8.9	8.62	19.07	99,500
6579	0	26	74	1.8	8.9	8.62	19.07	149,000
6580	0	26	74	1.8	8.9	8.62	19.07	112,000
6581	0	26	74	1.8	8.9	8.62	19.07	90,200
6582	0	26	74	1.8	8.9	8.62	19.07	55,400
6583	0	26	74	1.8	8.9	8.62	19.07	45,400
6584	0	26	74	1.8	8.9	8.62	19.07	29,700
6585	0	26	74	1.8	8.9	8.62	19.07	49,100
6586	0	26	74	1.8	8.9	8.62	19.07	38,100
6587	0	26	74	1.8	8.9	8.62	19.07	31,800
6588	0	26	74	1.8	8.9	8.62	19.07	21,900
6589	0	26	74	1.8	8.9	8.62	19.07	19,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6590	0	26	74	1.8	8.9	8.62	19.07	14,300
6591	0	5	34	5.2	5.4	5.69	10.9	5,250,000
6592	0	5	34	5.2	5.4	5.69	10.9	5,080,000
6593	0	5	34	5.2	5.4	5.69	10.9	4,940,000
6594	0	5	34	5.2	5.4	5.69	10.9	4,560,000
6595	0	5	34	5.2	5.4	5.69	10.9	4,370,000
6596	0	5	34	5.2	5.4	5.69	10.9	3,880,000
6597	0	5	34	5.2	5.4	5.69	10.9	4,090,000
6598	0	5	34	5.2	5.4	5.69	10.9	3,800,000
6599	0	5	34	5.2	5.4	5.69	10.9	3,560,000
6600	0	5	34	5.2	5.4	5.69	10.9	2,980,000
6601	0	5	34	5.2	5.4	5.69	10.9	2,730,000
6602	0	5	34	5.2	5.4	5.69	10.9	2,130,000
6603	0	5	34	5.2	5.4	5.69	10.9	2,210,000
6604	0	5	34	5.2	5.4	5.69	10.9	1,880,000
6605	0	5	34	5.2	5.4	5.69	10.9	1,650,000
6606	0	5	34	5.2	5.4	5.69	10.9	1,170,000
6607	0	5	34	5.2	5.4	5.69	10.9	992,000
6608	0	5	34	5.2	5.4	5.69	10.9	658,000
6609	0	5	34	5.2	5.4	5.69	10.9	748,000
6610	0	5	34	5.2	5.4	5.69	10.9	586,000
6611	0	5	34	5.2	5.4	5.69	10.9	485,000
6612	0	5	34	5.2	5.4	5.69	10.9	309,000
6613	0	5	34	5.2	5.4	5.69	10.9	254,000
6614	0	5	34	5.2	5.4	5.69	10.9	164,000
6615	0	5	34	5.2	5.4	5.69	10.9	202,000
6616	0	5	34	5.2	5.4	5.69	10.9	158,000
6617	0	5	34	5.2	5.4	5.69	10.9	132,000
6618	0	5	34	5.2	5.4	5.69	10.9	89,400
6619	0	5	34	5.2	5.4	5.69	10.9	76,800
6620	0	5	34	5.2	5.4	5.69	10.9	56,000
6621	1.3	38	56	5.1	4.9	7.02	11.04	5,230,000
6622	1.3	38	56	5.1	4.9	7.02	11.04	5,000,000
6623	1.3	38	56	5.1	4.9	7.02	11.04	4,790,000
6624	1.3	38	56	5.1	4.9	7.02	11.04	4,210,000
6625	1.3	38	56	5.1	4.9	7.02	11.04	3,910,000
6626	1.3	38	56	5.1	4.9	7.02	11.04	3,160,000
6627	1.3	38	56	5.1	4.9	7.02	11.04	3,770,000
6628	1.3	38	56	5.1	4.9	7.02	11.04	3,330,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6629	1.3	38	56	5.1	4.9	7.02	11.04	2,990,000
6630	1.3	38	56	5.1	4.9	7.02	11.04	2,190,000
6631	1.3	38	56	5.1	4.9	7.02	11.04	1,860,000
6632	1.3	38	56	5.1	4.9	7.02	11.04	1,210,000
6633	1.3	38	56	5.1	4.9	7.02	11.04	1,290,000
6634	1.3	38	56	5.1	4.9	7.02	11.04	978,000
6635	1.3	38	56	5.1	4.9	7.02	11.04	786,000
6636	1.3	38	56	5.1	4.9	7.02	11.04	464,000
6637	1.3	38	56	5.1	4.9	7.02	11.04	371,000
6638	1.3	38	56	5.1	4.9	7.02	11.04	226,000
6639	1.3	38	56	5.1	4.9	7.02	11.04	212,000
6640	1.3	38	56	5.1	4.9	7.02	11.04	166,000
6641	1.3	38	56	5.1	4.9	7.02	11.04	140,000
6642	1.3	38	56	5.1	4.9	7.02	11.04	101,000
6643	1.3	38	56	5.1	4.9	7.02	11.04	90,100
6644	1.3	38	56	5.1	4.9	7.02	11.04	72,900
6645	1.3	38	56	5.1	4.9	7.02	11.04	68,000
6646	1.3	38	56	5.1	4.9	7.02	11.04	62,800
6647	1.3	38	56	5.1	4.9	7.02	11.04	59,800
6648	1.3	38	56	5.1	4.9	7.02	11.04	54,800
6649	1.3	38	56	5.1	4.9	7.02	11.04	53,300
6650	1.3	38	56	5.1	4.9	7.02	11.04	50,700
6651	5.2	40	45.5	4.7	5	6.86	10.04	4,900,000
6652	5.2	40	45.5	4.7	5	6.86	10.04	4,810,000
6653	5.2	40	45.5	4.7	5	6.86	10.04	4,740,000
6654	5.2	40	45.5	4.7	5	6.86	10.04	4,510,000
6655	5.2	40	45.5	4.7	5	6.86	10.04	4,390,000
6656	5.2	40	45.5	4.7	5	6.86	10.04	4,040,000
6657	5.2	40	45.5	4.7	5	6.86	10.04	3,890,000
6658	5.2	40	45.5	4.7	5	6.86	10.04	3,630,000
6659	5.2	40	45.5	4.7	5	6.86	10.04	3,410,000
6660	5.2	40	45.5	4.7	5	6.86	10.04	2,840,000
6661	5.2	40	45.5	4.7	5	6.86	10.04	2,580,000
6662	5.2	40	45.5	4.7	5	6.86	10.04	1,960,000
6663	5.2	40	45.5	4.7	5	6.86	10.04	1,650,000
6664	5.2	40	45.5	4.7	5	6.86	10.04	1,330,000
6665	5.2	40	45.5	4.7	5	6.86	10.04	1,120,000
6666	5.2	40	45.5	4.7	5	6.86	10.04	709,000
6667	5.2	40	45.5	4.7	5	6.86	10.04	575,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6668	5.2	40	45.5	4.7	5	6.86	10.04	348,000
6669	5.2	40	45.5	4.7	5	6.86	10.04	336,000
6670	5.2	40	45.5	4.7	5	6.86	10.04	253,000
6671	5.2	40	45.5	4.7	5	6.86	10.04	206,000
6672	5.2	40	45.5	4.7	5	6.86	10.04	132,000
6673	5.2	40	45.5	4.7	5	6.86	10.04	111,000
6674	5.2	40	45.5	4.7	5	6.86	10.04	78,900
6675	5.2	40	45.5	4.7	5	6.86	10.04	89,200
6676	5.2	40	45.5	4.7	5	6.86	10.04	74,600
6677	5.2	40	45.5	4.7	5	6.86	10.04	66,200
6678	5.2	40	45.5	4.7	5	6.86	10.04	52,800
6679	5.2	40	45.5	4.7	5	6.86	10.04	48,800
6680	5.2	40	45.5	4.7	5	6.86	10.04	42,200
6681	5.2	40	45.5	4.7	5	6.81	10.04	6,650,000
6682	5.2	40	45.5	4.7	5	6.81	10.04	6,370,000
6683	5.2	40	45.5	4.7	5	6.81	10.04	6,140,000
6684	5.2	40	45.5	4.7	5	6.81	10.04	5,530,000
6685	5.2	40	45.5	4.7	5	6.81	10.04	5,230,000
6686	5.2	40	45.5	4.7	5	6.81	10.04	4,470,000
6687	5.2	40	45.5	4.7	5	6.81	10.04	4,320,000
6688	5.2	40	45.5	4.7	5	6.81	10.04	3,850,000
6689	5.2	40	45.5	4.7	5	6.81	10.04	3,490,000
6690	5.2	40	45.5	4.7	5	6.81	10.04	2,680,000
6691	5.2	40	45.5	4.7	5	6.81	10.04	2,340,000
6692	5.2	40	45.5	4.7	5	6.81	10.04	1,650,000
6693	5.2	40	45.5	4.7	5	6.81	10.04	1,450,000
6694	5.2	40	45.5	4.7	5	6.81	10.04	1,150,000
6695	5.2	40	45.5	4.7	5	6.81	10.04	951,000
6696	5.2	40	45.5	4.7	5	6.81	10.04	599,000
6697	5.2	40	45.5	4.7	5	6.81	10.04	487,000
6698	5.2	40	45.5	4.7	5	6.81	10.04	301,000
6699	5.2	40	45.5	4.7	5	6.81	10.04	319,000
6700	5.2	40	45.5	4.7	5	6.81	10.04	243,000
6701	5.2	40	45.5	4.7	5	6.81	10.04	200,000
6702	5.2	40	45.5	4.7	5	6.81	10.04	130,000
6703	5.2	40	45.5	4.7	5	6.81	10.04	109,000
6704	5.2	40	45.5	4.7	5	6.81	10.04	76,400
6705	5.2	40	45.5	4.7	5	6.81	10.04	92,900
6706	5.2	40	45.5	4.7	5	6.81	10.04	76,400

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6707	5.2	40	45.5	4.7	5	6.81	10.04	66,700
6708	5.2	40	45.5	4.7	5	6.81	10.04	50,800
6709	5.2	40	45.5	4.7	5	6.81	10.04	46,000
6710	5.2	40	45.5	4.7	5	6.81	10.04	37,900
6711	0	13	42	6.1	5.2	7.17	11.09	4,270,000
6712	0	13	42	6.1	5.2	7.17	11.09	4,230,000
6713	0	13	42	6.1	5.2	7.17	11.09	4,190,000
6714	0	13	42	6.1	5.2	7.17	11.09	4,070,000
6715	0	13	42	6.1	5.2	7.17	11.09	3,990,000
6716	0	13	42	6.1	5.2	7.17	11.09	3,770,000
6717	0	13	42	6.1	5.2	7.17	11.09	3,760,000
6718	0	13	42	6.1	5.2	7.17	11.09	3,580,000
6719	0	13	42	6.1	5.2	7.17	11.09	3,420,000
6720	0	13	42	6.1	5.2	7.17	11.09	2,960,000
6721	0	13	42	6.1	5.2	7.17	11.09	2,730,000
6722	0	13	42	6.1	5.2	7.17	11.09	2,130,000
6723	0	13	42	6.1	5.2	7.17	11.09	1,910,000
6724	0	13	42	6.1	5.2	7.17	11.09	1,560,000
6725	0	13	42	6.1	5.2	7.17	11.09	1,310,000
6726	0	13	42	6.1	5.2	7.17	11.09	830,000
6727	0	13	42	6.1	5.2	7.17	11.09	670,000
6728	0	13	42	6.1	5.2	7.17	11.09	402,000
6729	0	13	42	6.1	5.2	7.17	11.09	379,000
6730	0	13	42	6.1	5.2	7.17	11.09	288,000
6731	0	13	42	6.1	5.2	7.17	11.09	237,000
6732	0	13	42	6.1	5.2	7.17	11.09	160,000
6733	0	13	42	6.1	5.2	7.17	11.09	139,000
6734	0	13	42	6.1	5.2	7.17	11.09	108,000
6735	0	13	42	6.1	5.2	7.17	11.09	110,000
6736	0	13	42	6.1	5.2	7.17	11.09	98,500
6737	0	13	42	6.1	5.2	7.17	11.09	91,700
6738	0	13	42	6.1	5.2	7.17	11.09	81,000
6739	0	13	42	6.1	5.2	7.17	11.09	77,900
6740	0	13	42	6.1	5.2	7.17	11.09	72,900
6741	0	13	42	6.1	5.2	7.05	11.11	3,940,000
6742	0	13	42	6.1	5.2	7.05	11.11	3,910,000
6743	0	13	42	6.1	5.2	7.05	11.11	3,890,000
6744	0	13	42	6.1	5.2	7.05	11.11	3,820,000
6745	0	13	42	6.1	5.2	7.05	11.11	3,770,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6746	0	13	42	6.1	5.2	7.05	11.11	3,630,000
6747	0	13	42	6.1	5.2	7.05	11.11	3,550,000
6748	0	13	42	6.1	5.2	7.05	11.11	3,410,000
6749	0	13	42	6.1	5.2	7.05	11.11	3,290,000
6750	0	13	42	6.1	5.2	7.05	11.11	2,920,000
6751	0	13	42	6.1	5.2	7.05	11.11	2,730,000
6752	0	13	42	6.1	5.2	7.05	11.11	2,210,000
6753	0	13	42	6.1	5.2	7.05	11.11	1,990,000
6754	0	13	42	6.1	5.2	7.05	11.11	1,660,000
6755	0	13	42	6.1	5.2	7.05	11.11	1,410,000
6756	0	13	42	6.1	5.2	7.05	11.11	905,000
6757	0	13	42	6.1	5.2	7.05	11.11	726,000
6758	0	13	42	6.1	5.2	7.05	11.11	418,000
6759	0	13	42	6.1	5.2	7.05	11.11	498,000
6760	0	13	42	6.1	5.2	7.05	11.11	362,000
6761	0	13	42	6.1	5.2	7.05	11.11	284,000
6762	0	13	42	6.1	5.2	7.05	11.11	169,000
6763	0	13	42	6.1	5.2	7.05	11.11	138,000
6764	0	13	42	6.1	5.2	7.05	11.11	93,700
6765	0	13	42	6.1	5.2	7.05	11.11	138,000
6766	0	13	42	6.1	5.2	7.05	11.11	109,000
6767	0	13	42	6.1	5.2	7.05	11.11	93,500
6768	0	13	42	6.1	5.2	7.05	11.11	70,200
6769	0	13	42	6.1	5.2	7.05	11.11	63,900
6770	0	13	42	6.1	5.2	7.05	11.11	54,100
6771	10	35	51	2.6	4.2	6.89	10.07	4,030,000
6772	10	35	51	2.6	4.2	6.89	10.07	3,840,000
6773	10	35	51	2.6	4.2	6.89	10.07	3,690,000
6774	10	35	51	2.6	4.2	6.89	10.07	3,310,000
6775	10	35	51	2.6	4.2	6.89	10.07	3,140,000
6776	10	35	51	2.6	4.2	6.89	10.07	2,740,000
6777	10	35	51	2.6	4.2	6.89	10.07	2,920,000
6778	10	35	51	2.6	4.2	6.89	10.07	2,690,000
6779	10	35	51	2.6	4.2	6.89	10.07	2,510,000
6780	10	35	51	2.6	4.2	6.89	10.07	2,110,000
6781	10	35	51	2.6	4.2	6.89	10.07	1,930,000
6782	10	35	51	2.6	4.2	6.89	10.07	1,550,000
6783	10	35	51	2.6	4.2	6.89	10.07	1,570,000
6784	10	35	51	2.6	4.2	6.89	10.07	1,360,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6785	10	35	51	2.6	4.2	6.89	10.07	1,220,000
6786	10	35	51	2.6	4.2	6.89	10.07	923,000
6787	10	35	51	2.6	4.2	6.89	10.07	810,000
6788	10	35	51	2.6	4.2	6.89	10.07	586,000
6789	10	35	51	2.6	4.2	6.89	10.07	603,000
6790	10	35	51	2.6	4.2	6.89	10.07	496,000
6791	10	35	51	2.6	4.2	6.89	10.07	426,000
6792	10	35	51	2.6	4.2	6.89	10.07	294,000
6793	10	35	51	2.6	4.2	6.89	10.07	250,000
6794	10	35	51	2.6	4.2	6.89	10.07	169,000
6795	10	35	51	2.6	4.2	6.89	10.07	179,000
6796	10	35	51	2.6	4.2	6.89	10.07	143,000
6797	10	35	51	2.6	4.2	6.89	10.07	121,000
6798	10	35	51	2.6	4.2	6.89	10.07	82,000
6799	10	35	51	2.6	4.2	6.89	10.07	69,600
6800	10	35	51	2.6	4.2	6.89	10.07	48,200
6801	10	35	51	2.6	4.2	7.08	10.05	4,700,000
6802	10	35	51	2.6	4.2	7.08	10.05	4,600,000
6803	10	35	51	2.6	4.2	7.08	10.05	4,520,000
6804	10	35	51	2.6	4.2	7.08	10.05	4,280,000
6805	10	35	51	2.6	4.2	7.08	10.05	4,160,000
6806	10	35	51	2.6	4.2	7.08	10.05	3,850,000
6807	10	35	51	2.6	4.2	7.08	10.05	3,810,000
6808	10	35	51	2.6	4.2	7.08	10.05	3,600,000
6809	10	35	51	2.6	4.2	7.08	10.05	3,430,000
6810	10	35	51	2.6	4.2	7.08	10.05	3,000,000
6811	10	35	51	2.6	4.2	7.08	10.05	2,800,000
6812	10	35	51	2.6	4.2	7.08	10.05	2,320,000
6813	10	35	51	2.6	4.2	7.08	10.05	2,120,000
6814	10	35	51	2.6	4.2	7.08	10.05	1,850,000
6815	10	35	51	2.6	4.2	7.08	10.05	1,650,000
6816	10	35	51	2.6	4.2	7.08	10.05	1,230,000
6817	10	35	51	2.6	4.2	7.08	10.05	1,060,000
6818	10	35	51	2.6	4.2	7.08	10.05	741,000
6819	10	35	51	2.6	4.2	7.08	10.05	699,000
6820	10	35	51	2.6	4.2	7.08	10.05	558,000
6821	10	35	51	2.6	4.2	7.08	10.05	468,000
6822	10	35	51	2.6	4.2	7.08	10.05	307,000
6823	10	35	51	2.6	4.2	7.08	10.05	256,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6824	10	35	51	2.6	4.2	7.08	10.05	168,000
6825	10	35	51	2.6	4.2	7.08	10.05	177,000
6826	10	35	51	2.6	4.2	7.08	10.05	140,000
6827	10	35	51	2.6	4.2	7.08	10.05	118,000
6828	10	35	51	2.6	4.2	7.08	10.05	82,200
6829	10	35	51	2.6	4.2	7.08	10.05	71,100
6830	10	35	51	2.6	4.2	7.08	10.05	52,600
6831	0	27	51	4.3	4.6	7.21	10.24	6,250,000
6832	0	27	51	4.3	4.6	7.21	10.24	6,090,000
6833	0	27	51	4.3	4.6	7.21	10.24	5,950,000
6834	0	27	51	4.3	4.6	7.21	10.24	5,580,000
6835	0	27	51	4.3	4.6	7.21	10.24	5,390,000
6836	0	27	51	4.3	4.6	7.21	10.24	4,910,000
6837	0	27	51	4.3	4.6	7.21	10.24	4,480,000
6838	0	27	51	4.3	4.6	7.21	10.24	4,130,000
6839	0	27	51	4.3	4.6	7.21	10.24	3,860,000
6840	0	27	51	4.3	4.6	7.21	10.24	3,190,000
6841	0	27	51	4.3	4.6	7.21	10.24	2,900,000
6842	0	27	51	4.3	4.6	7.21	10.24	2,240,000
6843	0	27	51	4.3	4.6	7.21	10.24	1,840,000
6844	0	27	51	4.3	4.6	7.21	10.24	1,520,000
6845	0	27	51	4.3	4.6	7.21	10.24	1,300,000
6846	0	27	51	4.3	4.6	7.21	10.24	868,000
6847	0	27	51	4.3	4.6	7.21	10.24	719,000
6848	0	27	51	4.3	4.6	7.21	10.24	451,000
6849	0	27	51	4.3	4.6	7.21	10.24	490,000
6850	0	27	51	4.3	4.6	7.21	10.24	372,000
6851	0	27	51	4.3	4.6	7.21	10.24	301,000
6852	0	27	51	4.3	4.6	7.21	10.24	183,000
6853	0	27	51	4.3	4.6	7.21	10.24	148,000
6854	0	27	51	4.3	4.6	7.21	10.24	92,600
6855	0	27	51	4.3	4.6	7.21	10.24	147,000
6856	0	27	51	4.3	4.6	7.21	10.24	112,000
6857	0	27	51	4.3	4.6	7.21	10.24	92,000
6858	0	27	51	4.3	4.6	7.21	10.24	59,700
6859	0	27	51	4.3	4.6	7.21	10.24	50,300
6860	0	27	51	4.3	4.6	7.21	10.24	35,200
6861	0	27	51	4.3	4.6	7.13	10.24	4,520,000
6862	0	27	51	4.3	4.6	7.13	10.24	4,470,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6863	0	27	51	4.3	4.6	7.13	10.24	4,430,000
6864	0	27	51	4.3	4.6	7.13	10.24	4,280,000
6865	0	27	51	4.3	4.6	7.13	10.24	4,210,000
6866	0	27	51	4.3	4.6	7.13	10.24	3,970,000
6867	0	27	51	4.3	4.6	7.13	10.24	3,800,000
6868	0	27	51	4.3	4.6	7.13	10.24	3,600,000
6869	0	27	51	4.3	4.6	7.13	10.24	3,420,000
6870	0	27	51	4.3	4.6	7.13	10.24	2,940,000
6871	0	27	51	4.3	4.6	7.13	10.24	2,710,000
6872	0	27	51	4.3	4.6	7.13	10.24	2,120,000
6873	0	27	51	4.3	4.6	7.13	10.24	1,850,000
6874	0	27	51	4.3	4.6	7.13	10.24	1,520,000
6875	0	27	51	4.3	4.6	7.13	10.24	1,290,000
6876	0	27	51	4.3	4.6	7.13	10.24	817,000
6877	0	27	51	4.3	4.6	7.13	10.24	656,000
6878	0	27	51	4.3	4.6	7.13	10.24	381,000
6879	0	27	51	4.3	4.6	7.13	10.24	458,000
6880	0	27	51	4.3	4.6	7.13	10.24	333,000
6881	0	27	51	4.3	4.6	7.13	10.24	261,000
6882	0	27	51	4.3	4.6	7.13	10.24	152,000
6883	0	27	51	4.3	4.6	7.13	10.24	122,000
6884	0	27	51	4.3	4.6	7.13	10.24	77,500
6885	0	27	51	4.3	4.6	7.13	10.24	129,000
6886	0	27	51	4.3	4.6	7.13	10.24	98,000
6887	0	27	51	4.3	4.6	7.13	10.24	81,100
6888	0	27	51	4.3	4.6	7.13	10.24	55,700
6889	0	27	51	4.3	4.6	7.13	10.24	48,700
6890	0	27	51	4.3	4.6	7.13	10.24	37,800
6891	0	27	51	4.3	4.6	6.97	10.26	8,640,000
6892	0	27	51	4.3	4.6	6.97	10.26	8,350,000
6893	0	27	51	4.3	4.6	6.97	10.26	8,100,000
6894	0	27	51	4.3	4.6	6.97	10.26	7,420,000
6895	0	27	51	4.3	4.6	6.97	10.26	7,080,000
6896	0	27	51	4.3	4.6	6.97	10.26	6,190,000
6897	0	27	51	4.3	4.6	6.97	10.26	5,990,000
6898	0	27	51	4.3	4.6	6.97	10.26	5,420,000
6899	0	27	51	4.3	4.6	6.97	10.26	4,960,000
6900	0	27	51	4.3	4.6	6.97	10.26	3,890,000
6901	0	27	51	4.3	4.6	6.97	10.26	3,430,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6902	0	27	51	4.3	4.6	6.97	10.26	2,440,000
6903	0	27	51	4.3	4.6	6.97	10.26	2,300,000
6904	0	27	51	4.3	4.6	6.97	10.26	1,830,000
6905	0	27	51	4.3	4.6	6.97	10.26	1,510,000
6906	0	27	51	4.3	4.6	6.97	10.26	926,000
6907	0	27	51	4.3	4.6	6.97	10.26	738,000
6908	0	27	51	4.3	4.6	6.97	10.26	424,000
6909	0	27	51	4.3	4.6	6.97	10.26	563,000
6910	0	27	51	4.3	4.6	6.97	10.26	409,000
6911	0	27	51	4.3	4.6	6.97	10.26	320,000
6912	0	27	51	4.3	4.6	6.97	10.26	183,000
6913	0	27	51	4.3	4.6	6.97	10.26	145,000
6914	0	27	51	4.3	4.6	6.97	10.26	86,900
6915	0	27	51	4.3	4.6	6.97	10.26	158,000
6916	0	27	51	4.3	4.6	6.97	10.26	117,000
6917	0	27	51	4.3	4.6	6.97	10.26	94,000
6918	0	27	51	4.3	4.6	6.97	10.26	59,400
6919	0	27	51	4.3	4.6	6.97	10.26	49,800
6920	0	27	51	4.3	4.6	6.97	10.26	34,800
6921	0	24.1	50.6	4.7	5.24	7.44	7.62	5,560,000
6922	0	24.1	50.6	4.7	5.24	7.44	7.62	5,260,000
6923	0	24.1	50.6	4.7	5.24	7.44	7.62	5,010,000
6924	0	24.1	50.6	4.7	5.24	7.44	7.62	4,410,000
6925	0	24.1	50.6	4.7	5.24	7.44	7.62	4,140,000
6926	0	24.1	50.6	4.7	5.24	7.44	7.62	3,490,000
6927	0	24.1	50.6	4.7	5.24	7.44	7.62	4,190,000
6928	0	24.1	50.6	4.7	5.24	7.44	7.62	3,820,000
6929	0	24.1	50.6	4.7	5.24	7.44	7.62	3,540,000
6930	0	24.1	50.6	4.7	5.24	7.44	7.62	2,880,000
6931	0	24.1	50.6	4.7	5.24	7.44	7.62	2,610,000
6932	0	24.1	50.6	4.7	5.24	7.44	7.62	2,010,000
6933	0	24.1	50.6	4.7	5.24	7.44	7.62	2,330,000
6934	0	24.1	50.6	4.7	5.24	7.44	7.62	2,000,000
6935	0	24.1	50.6	4.7	5.24	7.44	7.62	1,760,000
6936	0	24.1	50.6	4.7	5.24	7.44	7.62	1,270,000
6937	0	24.1	50.6	4.7	5.24	7.44	7.62	1,090,000
6938	0	24.1	50.6	4.7	5.24	7.44	7.62	741,000
6939	0	24.1	50.6	4.7	5.24	7.44	7.62	865,000
6940	0	24.1	50.6	4.7	5.24	7.44	7.62	688,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6941	0	24.1	50.6	4.7	5.24	7.44	7.62	574,000
6942	0	24.1	50.6	4.7	5.24	7.44	7.62	369,000
6943	0	24.1	50.6	4.7	5.24	7.44	7.62	303,000
6944	0	24.1	50.6	4.7	5.24	7.44	7.62	189,000
6945	0	24.1	50.6	4.7	5.24	7.44	7.62	210,000
6946	0	24.1	50.6	4.7	5.24	7.44	7.62	160,000
6947	0	24.1	50.6	4.7	5.24	7.44	7.62	131,000
6948	0	24.1	50.6	4.7	5.24	7.44	7.62	82,500
6949	0	24.1	50.6	4.7	5.24	7.44	7.62	68,000
6950	0	24.1	50.6	4.7	5.24	7.44	7.62	44,300
6951	10	35	51	3.5	3.9	2.3	8.9	2,330,000
6952	10	35	51	3.5	3.9	2.3	8.9	2,260,000
6953	10	35	51	3.5	3.9	2.3	8.9	2,200,000
6954	10	35	51	3.5	3.9	2.3	8.9	2,010,000
6955	10	35	51	3.5	3.9	2.3	8.9	1,920,000
6956	10	35	51	3.5	3.9	2.3	8.9	1,640,000
6957	10	35	51	3.5	3.9	2.3	8.9	2,060,000
6958	10	35	51	3.5	3.9	2.3	8.9	1,940,000
6959	10	35	51	3.5	3.9	2.3	8.9	1,830,000
6960	10	35	51	3.5	3.9	2.3	8.9	1,540,000
6961	10	35	51	3.5	3.9	2.3	8.9	1,400,000
6962	10	35	51	3.5	3.9	2.3	8.9	1,050,000
6963	10	35	51	3.5	3.9	2.3	8.9	1,420,000
6964	10	35	51	3.5	3.9	2.3	8.9	1,230,000
6965	10	35	51	3.5	3.9	2.3	8.9	1,080,000
6966	10	35	51	3.5	3.9	2.3	8.9	750,000
6967	10	35	51	3.5	3.9	2.3	8.9	623,000
6968	10	35	51	3.5	3.9	2.3	8.9	383,000
6969	10	35	51	3.5	3.9	2.3	8.9	557,000
6970	10	35	51	3.5	3.9	2.3	8.9	421,000
6971	10	35	51	3.5	3.9	2.3	8.9	337,000
6972	10	35	51	3.5	3.9	2.3	8.9	197,000
6973	10	35	51	3.5	3.9	2.3	8.9	156,000
6974	10	35	51	3.5	3.9	2.3	8.9	94,800
6975	10	35	51	3.5	3.9	2.3	8.9	116,000
6976	10	35	51	3.5	3.9	2.3	8.9	88,700
6977	10	35	51	3.5	3.9	2.3	8.9	73,400
6978	10	35	51	3.5	3.9	2.3	8.9	50,400
6979	10	35	51	3.5	3.9	2.3	8.9	44,100

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
6980	10	35	51	3.5	3.9	2.3	8.9	34,400
6981	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6982	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6983	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6984	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6985	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6986	10	35	51	3.5	3.9	4.13	8.73	1,870,000
6987	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6988	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6989	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6990	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6991	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6992	10	35	51	3.5	3.9	4.13	8.73	1,850,000
6993	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6994	10	35	51	3.5	3.9	4.13	8.73	1,900,000
6995	10	35	51	3.5	3.9	4.13	8.73	1,890,000
6996	10	35	51	3.5	3.9	4.13	8.73	1,800,000
6997	10	35	51	3.5	3.9	4.13	8.73	1,630,000
6998	10	35	51	3.5	3.9	4.13	8.73	527,000
6999	10	35	51	3.5	3.9	4.13	8.73	757,000
7000	10	35	51	3.5	3.9	4.13	8.73	252,000
7001	10	35	51	3.5	3.9	4.13	8.73	133,000
7002	10	35	51	3.5	3.9	4.13	8.73	85,600
7003	10	35	51	3.5	3.9	4.13	8.73	83,200
7004	10	35	51	3.5	3.9	4.13	8.73	82,200
7005	10	35	51	3.5	3.9	4.13	8.73	82,100
7006	10	35	51	3.5	3.9	4.13	8.73	82,100
7007	10	35	51	3.5	3.9	4.13	8.73	82,100
7008	10	35	51	3.5	3.9	4.13	8.73	82,100
7009	10	35	51	3.5	3.9	4.13	8.73	82,100
7010	10	35	51	3.5	3.9	4.13	8.73	82,100
7011	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7012	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7013	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7014	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7015	10	35	51	3.5	3.9	7.33	8.44	2,000,000
7016	10	35	51	3.5	3.9	7.33	8.44	1,910,000
7017	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7018	10	35	51	3.5	3.9	7.33	8.44	2,010,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7019	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7020	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7021	10	35	51	3.5	3.9	7.33	8.44	2,000,000
7022	10	35	51	3.5	3.9	7.33	8.44	1,920,000
7023	10	35	51	3.5	3.9	7.33	8.44	2,010,000
7024	10	35	51	3.5	3.9	7.33	8.44	2,000,000
7025	10	35	51	3.5	3.9	7.33	8.44	2,000,000
7026	10	35	51	3.5	3.9	7.33	8.44	1,880,000
7027	10	35	51	3.5	3.9	7.33	8.44	1,680,000
7028	10	35	51	3.5	3.9	7.33	8.44	544,000
7029	10	35	51	3.5	3.9	7.33	8.44	584,000
7030	10	35	51	3.5	3.9	7.33	8.44	195,000
7031	10	35	51	3.5	3.9	7.33	8.44	113,000
7032	10	35	51	3.5	3.9	7.33	8.44	77,500
7033	10	35	51	3.5	3.9	7.33	8.44	75,400
7034	10	35	51	3.5	3.9	7.33	8.44	74,500
7035	10	35	51	3.5	3.9	7.33	8.44	74,400
7036	10	35	51	3.5	3.9	7.33	8.44	74,400
7037	10	35	51	3.5	3.9	7.33	8.44	74,400
7038	10	35	51	3.5	3.9	7.33	8.44	74,400
7039	10	35	51	3.5	3.9	7.33	8.44	74,400
7040	10	35	51	3.5	3.9	7.33	8.44	74,400
7041	10	35	51	3.5	3.9	10.77	8.12	2,330,000
7042	10	35	51	3.5	3.9	10.77	8.12	2,260,000
7043	10	35	51	3.5	3.9	10.77	8.12	2,190,000
7044	10	35	51	3.5	3.9	10.77	8.12	2,000,000
7045	10	35	51	3.5	3.9	10.77	8.12	1,900,000
7046	10	35	51	3.5	3.9	10.77	8.12	1,620,000
7047	10	35	51	3.5	3.9	10.77	8.12	2,050,000
7048	10	35	51	3.5	3.9	10.77	8.12	1,930,000
7049	10	35	51	3.5	3.9	10.77	8.12	1,820,000
7050	10	35	51	3.5	3.9	10.77	8.12	1,520,000
7051	10	35	51	3.5	3.9	10.77	8.12	1,370,000
7052	10	35	51	3.5	3.9	10.77	8.12	1,030,000
7053	10	35	51	3.5	3.9	10.77	8.12	1,410,000
7054	10	35	51	3.5	3.9	10.77	8.12	1,210,000
7055	10	35	51	3.5	3.9	10.77	8.12	1,060,000
7056	10	35	51	3.5	3.9	10.77	8.12	731,000
7057	10	35	51	3.5	3.9	10.77	8.12	605,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7058	10	35	51	3.5	3.9	10.77	8.12	370,000
7059	10	35	51	3.5	3.9	10.77	8.12	553,000
7060	10	35	51	3.5	3.9	10.77	8.12	418,000
7061	10	35	51	3.5	3.9	10.77	8.12	334,000
7062	10	35	51	3.5	3.9	10.77	8.12	195,000
7063	10	35	51	3.5	3.9	10.77	8.12	156,000
7064	10	35	51	3.5	3.9	10.77	8.12	95,100
7065	10	35	51	3.5	3.9	10.77	8.12	121,000
7066	10	35	51	3.5	3.9	10.77	8.12	92,200
7067	10	35	51	3.5	3.9	10.77	8.12	76,500
7068	10	35	51	3.5	3.9	10.77	8.12	52,900
7069	10	35	51	3.5	3.9	10.77	8.12	46,500
7070	10	35	51	3.5	3.9	10.77	8.12	36,500
7071	10	35	51	3.5	4.55	1.35	10.45	2,280,000
7072	10	35	51	3.5	4.55	1.35	10.45	2,210,000
7073	10	35	51	3.5	4.55	1.35	10.45	2,150,000
7074	10	35	51	3.5	4.55	1.35	10.45	1,960,000
7075	10	35	51	3.5	4.55	1.35	10.45	1,860,000
7076	10	35	51	3.5	4.55	1.35	10.45	1,590,000
7077	10	35	51	3.5	4.55	1.35	10.45	2,010,000
7078	10	35	51	3.5	4.55	1.35	10.45	1,890,000
7079	10	35	51	3.5	4.55	1.35	10.45	1,780,000
7080	10	35	51	3.5	4.55	1.35	10.45	1,490,000
7081	10	35	51	3.5	4.55	1.35	10.45	1,350,000
7082	10	35	51	3.5	4.55	1.35	10.45	1,010,000
7083	10	35	51	3.5	4.55	1.35	10.45	1,380,000
7084	10	35	51	3.5	4.55	1.35	10.45	1,190,000
7085	10	35	51	3.5	4.55	1.35	10.45	1,050,000
7086	10	35	51	3.5	4.55	1.35	10.45	725,000
7087	10	35	51	3.5	4.55	1.35	10.45	602,000
7088	10	35	51	3.5	4.55	1.35	10.45	372,000
7089	10	35	51	3.5	4.55	1.35	10.45	552,000
7090	10	35	51	3.5	4.55	1.35	10.45	420,000
7091	10	35	51	3.5	4.55	1.35	10.45	337,000
7092	10	35	51	3.5	4.55	1.35	10.45	199,000
7093	10	35	51	3.5	4.55	1.35	10.45	159,000
7094	10	35	51	3.5	4.55	1.35	10.45	98,000
7095	10	35	51	3.5	4.55	1.35	10.45	125,000
7096	10	35	51	3.5	4.55	1.35	10.45	95,400

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7097	10	35	51	3.5	4.55	1.35	10.45	79,300
7098	10	35	51	3.5	4.55	1.35	10.45	54,900
7099	10	35	51	3.5	4.55	1.35	10.45	48,100
7100	10	35	51	3.5	4.55	1.35	10.45	37,700
7101	10	35	51	3.5	4.55	3.97	10.17	5,480,000
7102	10	35	51	3.5	4.55	3.97	10.17	5,270,000
7103	10	35	51	3.5	4.55	3.97	10.17	5,090,000
7104	10	35	51	3.5	4.55	3.97	10.17	4,600,000
7105	10	35	51	3.5	4.55	3.97	10.17	4,370,000
7106	10	35	51	3.5	4.55	3.97	10.17	3,760,000
7107	10	35	51	3.5	4.55	3.97	10.17	3,960,000
7108	10	35	51	3.5	4.55	3.97	10.17	3,600,000
7109	10	35	51	3.5	4.55	3.97	10.17	3,310,000
7110	10	35	51	3.5	4.55	3.97	10.17	2,630,000
7111	10	35	51	3.5	4.55	3.97	10.17	2,340,000
7112	10	35	51	3.5	4.55	3.97	10.17	1,700,000
7113	10	35	51	3.5	4.55	3.97	10.17	1,770,000
7114	10	35	51	3.5	4.55	3.97	10.17	1,440,000
7115	10	35	51	3.5	4.55	3.97	10.17	1,220,000
7116	10	35	51	3.5	4.55	3.97	10.17	783,000
7117	10	35	51	3.5	4.55	3.97	10.17	636,000
7118	10	35	51	3.5	4.55	3.97	10.17	380,000
7119	10	35	51	3.5	4.55	3.97	10.17	475,000
7120	10	35	51	3.5	4.55	3.97	10.17	352,000
7121	10	35	51	3.5	4.55	3.97	10.17	279,000
7122	10	35	51	3.5	4.55	3.97	10.17	161,000
7123	10	35	51	3.5	4.55	3.97	10.17	128,000
7124	10	35	51	3.5	4.55	3.97	10.17	76,300
7125	10	35	51	3.5	4.55	3.97	10.17	111,000
7126	10	35	51	3.5	4.55	3.97	10.17	82,500
7127	10	35	51	3.5	4.55	3.97	10.17	66,700
7128	10	35	51	3.5	4.55	3.97	10.17	42,400
7129	10	35	51	3.5	4.55	3.97	10.17	35,500
7130	10	35	51	3.5	4.55	3.97	10.17	24,700
7131	10	35	51	3.5	4.55	10.07	9.53	3,600,000
7132	10	35	51	3.5	4.55	10.07	9.53	3,510,000
7133	10	35	51	3.5	4.55	10.07	9.53	3,420,000
7134	10	35	51	3.5	4.55	10.07	9.53	3,140,000
7135	10	35	51	3.5	4.55	10.07	9.53	2,990,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7136	10	35	51	3.5	4.55	10.07	9.53	2,550,000
7137	10	35	51	3.5	4.55	10.07	9.53	3,090,000
7138	10	35	51	3.5	4.55	10.07	9.53	2,870,000
7139	10	35	51	3.5	4.55	10.07	9.53	2,680,000
7140	10	35	51	3.5	4.55	10.07	9.53	2,160,000
7141	10	35	51	3.5	4.55	10.07	9.53	1,910,000
7142	10	35	51	3.5	4.55	10.07	9.53	1,330,000
7143	10	35	51	3.5	4.55	10.07	9.53	1,460,000
7144	10	35	51	3.5	4.55	10.07	9.53	1,140,000
7145	10	35	51	3.5	4.55	10.07	9.53	925,000
7146	10	35	51	3.5	4.55	10.07	9.53	528,000
7147	10	35	51	3.5	4.55	10.07	9.53	405,000
7148	10	35	51	3.5	4.55	10.07	9.53	217,000
7149	10	35	51	3.5	4.55	10.07	9.53	157,000
7150	10	35	51	3.5	4.55	10.07	9.53	114,000
7151	10	35	51	3.5	4.55	10.07	9.53	91,900
7152	10	35	51	3.5	4.55	10.07	9.53	60,100
7153	10	35	51	3.5	4.55	10.07	9.53	51,900
7154	10	35	51	3.5	4.55	10.07	9.53	39,900
7155	10	35	51	3.5	4.55	10.07	9.53	32,100
7156	10	35	51	3.5	4.55	10.07	9.53	30,200
7157	10	35	51	3.5	4.55	10.07	9.53	29,100
7158	10	35	51	3.5	4.55	10.07	9.53	27,300
7159	10	35	51	3.5	4.55	10.07	9.53	26,800
7160	10	35	51	3.5	4.55	10.07	9.53	25,900
7161	10	35	51	3.5	5.2	1.3	11.88	2,230,000
7162	10	35	51	3.5	5.2	1.3	11.88	2,230,000
7163	10	35	51	3.5	5.2	1.3	11.88	2,230,000
7164	10	35	51	3.5	5.2	1.3	11.88	2,210,000
7165	10	35	51	3.5	5.2	1.3	11.88	2,210,000
7166	10	35	51	3.5	5.2	1.3	11.88	2,180,000
7167	10	35	51	3.5	5.2	1.3	11.88	2,150,000
7168	10	35	51	3.5	5.2	1.3	11.88	2,120,000
7169	10	35	51	3.5	5.2	1.3	11.88	2,080,000
7170	10	35	51	3.5	5.2	1.3	11.88	1,980,000
7171	10	35	51	3.5	5.2	1.3	11.88	1,910,000
7172	10	35	51	3.5	5.2	1.3	11.88	1,710,000
7173	10	35	51	3.5	5.2	1.3	11.88	1,570,000
7174	10	35	51	3.5	5.2	1.3	11.88	1,400,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7175	10	35	51	3.5	5.2	1.3	11.88	1,250,000
7176	10	35	51	3.5	5.2	1.3	11.88	888,000
7177	10	35	51	3.5	5.2	1.3	11.88	736,000
7178	10	35	51	3.5	5.2	1.3	11.88	437,000
7179	10	35	51	3.5	5.2	1.3	11.88	511,000
7180	10	35	51	3.5	5.2	1.3	11.88	369,000
7181	10	35	51	3.5	5.2	1.3	11.88	285,000
7182	10	35	51	3.5	5.2	1.3	11.88	156,000
7183	10	35	51	3.5	5.2	1.3	11.88	122,000
7184	10	35	51	3.5	5.2	1.3	11.88	75,200
7185	10	35	51	3.5	5.2	1.3	11.88	127,000
7186	10	35	51	3.5	5.2	1.3	11.88	94,300
7187	10	35	51	3.5	5.2	1.3	11.88	77,300
7188	10	35	51	3.5	5.2	1.3	11.88	53,500
7189	10	35	51	3.5	5.2	1.3	11.88	47,400
7190	10	35	51	3.5	5.2	1.3	11.88	38,500
7191	10	35	51	3.5	5.2	3.65	11.59	5,440,000
7192	10	35	51	3.5	5.2	3.65	11.59	5,230,000
7193	10	35	51	3.5	5.2	3.65	11.59	5,060,000
7194	10	35	51	3.5	5.2	3.65	11.59	4,580,000
7195	10	35	51	3.5	5.2	3.65	11.59	4,350,000
7196	10	35	51	3.5	5.2	3.65	11.59	3,750,000
7197	10	35	51	3.5	5.2	3.65	11.59	3,960,000
7198	10	35	51	3.5	5.2	3.65	11.59	3,600,000
7199	10	35	51	3.5	5.2	3.65	11.59	3,320,000
7200	10	35	51	3.5	5.2	3.65	11.59	2,640,000
7201	10	35	51	3.5	5.2	3.65	11.59	2,350,000
7202	10	35	51	3.5	5.2	3.65	11.59	1,710,000
7203	10	35	51	3.5	5.2	3.65	11.59	1,790,000
7204	10	35	51	3.5	5.2	3.65	11.59	1,450,000
7205	10	35	51	3.5	5.2	3.65	11.59	1,220,000
7206	10	35	51	3.5	5.2	3.65	11.59	785,000
7207	10	35	51	3.5	5.2	3.65	11.59	637,000
7208	10	35	51	3.5	5.2	3.65	11.59	379,000
7209	10	35	51	3.5	5.2	3.65	11.59	475,000
7210	10	35	51	3.5	5.2	3.65	11.59	351,000
7211	10	35	51	3.5	5.2	3.65	11.59	277,000
7212	10	35	51	3.5	5.2	3.65	11.59	161,000
7213	10	35	51	3.5	5.2	3.65	11.59	127,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7214	10	35	51	3.5	5.2	3.65	11.59	76,200
7215	10	35	51	3.5	5.2	3.65	11.59	110,000
7216	10	35	51	3.5	5.2	3.65	11.59	82,000
7217	10	35	51	3.5	5.2	3.65	11.59	66,500
7218	10	35	51	3.5	5.2	3.65	11.59	42,600
7219	10	35	51	3.5	5.2	3.65	11.59	35,800
7220	10	35	51	3.5	5.2	3.65	11.59	25,300
7221	10	35	51	3.5	5.2	6.9	11.2	5,440,000
7222	10	35	51	3.5	5.2	6.9	11.2	5,230,000
7223	10	35	51	3.5	5.2	6.9	11.2	5,060,000
7224	10	35	51	3.5	5.2	6.9	11.2	4,590,000
7225	10	35	51	3.5	5.2	6.9	11.2	4,360,000
7226	10	35	51	3.5	5.2	6.9	11.2	3,760,000
7227	10	35	51	3.5	5.2	6.9	11.2	3,970,000
7228	10	35	51	3.5	5.2	6.9	11.2	3,610,000
7229	10	35	51	3.5	5.2	6.9	11.2	3,320,000
7230	10	35	51	3.5	5.2	6.9	11.2	2,640,000
7231	10	35	51	3.5	5.2	6.9	11.2	2,350,000
7232	10	35	51	3.5	5.2	6.9	11.2	1,710,000
7233	10	35	51	3.5	5.2	6.9	11.2	1,790,000
7234	10	35	51	3.5	5.2	6.9	11.2	1,450,000
7235	10	35	51	3.5	5.2	6.9	11.2	1,220,000
7236	10	35	51	3.5	5.2	6.9	11.2	784,000
7237	10	35	51	3.5	5.2	6.9	11.2	636,000
7238	10	35	51	3.5	5.2	6.9	11.2	378,000
7239	10	35	51	3.5	5.2	6.9	11.2	473,000
7240	10	35	51	3.5	5.2	6.9	11.2	350,000
7241	10	35	51	3.5	5.2	6.9	11.2	277,000
7242	10	35	51	3.5	5.2	6.9	11.2	160,000
7243	10	35	51	3.5	5.2	6.9	11.2	127,000
7244	10	35	51	3.5	5.2	6.9	11.2	76,000
7245	10	35	51	3.5	5.2	6.9	11.2	110,000
7246	10	35	51	3.5	5.2	6.9	11.2	81,900
7247	10	35	51	3.5	5.2	6.9	11.2	66,400
7248	10	35	51	3.5	5.2	6.9	11.2	42,600
7249	10	35	51	3.5	5.2	6.9	11.2	35,900
7250	10	35	51	3.5	5.2	6.9	11.2	25,400
7251	10	35	51	3.5	5.2	10.15	10.81	5,040,000
7252	10	35	51	3.5	5.2	10.15	10.81	4,660,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7253	10	35	51	3.5	5.2	10.15	10.81	4,370,000
7254	10	35	51	3.5	5.2	10.15	10.81	3,680,000
7255	10	35	51	3.5	5.2	10.15	10.81	3,390,000
7256	10	35	51	3.5	5.2	10.15	10.81	2,730,000
7257	10	35	51	3.5	5.2	10.15	10.81	2,670,000
7258	10	35	51	3.5	5.2	10.15	10.81	2,310,000
7259	10	35	51	3.5	5.2	10.15	10.81	2,060,000
7260	10	35	51	3.5	5.2	10.15	10.81	1,530,000
7261	10	35	51	3.5	5.2	10.15	10.81	1,330,000
7262	10	35	51	3.5	5.2	10.15	10.81	934,000
7263	10	35	51	3.5	5.2	10.15	10.81	837,000
7264	10	35	51	3.5	5.2	10.15	10.81	669,000
7265	10	35	51	3.5	5.2	10.15	10.81	561,000
7266	10	35	51	3.5	5.2	10.15	10.81	365,000
7267	10	35	51	3.5	5.2	10.15	10.81	301,000
7268	10	35	51	3.5	5.2	10.15	10.81	191,000
7269	10	35	51	3.5	5.2	10.15	10.81	198,000
7270	10	35	51	3.5	5.2	10.15	10.81	152,000
7271	10	35	51	3.5	5.2	10.15	10.81	125,000
7272	10	35	51	3.5	5.2	10.15	10.81	79,000
7273	10	35	51	3.5	5.2	10.15	10.81	65,100
7274	10	35	51	3.5	5.2	10.15	10.81	42,200
7275	10	35	51	3.5	5.2	10.15	10.81	51,300
7276	10	35	51	3.5	5.2	10.15	10.81	40,300
7277	10	35	51	3.5	5.2	10.15	10.81	33,700
7278	10	35	51	3.5	5.2	10.15	10.81	22,900
7279	10	35	51	3.5	5.2	10.15	10.81	19,600
7280	10	35	51	3.5	5.2	10.15	10.81	14,100
7281	10	35	51	3.5	5.9	0.7	13.49	3,480,000
7282	10	35	51	3.5	5.9	0.7	13.49	3,400,000
7283	10	35	51	3.5	5.9	0.7	13.49	3,320,000
7284	10	35	51	3.5	5.9	0.7	13.49	3,110,000
7285	10	35	51	3.5	5.9	0.7	13.49	2,990,000
7286	10	35	51	3.5	5.9	0.7	13.49	2,660,000
7287	10	35	51	3.5	5.9	0.7	13.49	2,980,000
7288	10	35	51	3.5	5.9	0.7	13.49	2,800,000
7289	10	35	51	3.5	5.9	0.7	13.49	2,640,000
7290	10	35	51	3.5	5.9	0.7	13.49	2,230,000
7291	10	35	51	3.5	5.9	0.7	13.49	2,040,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7292	10	35	51	3.5	5.9	0.7	13.49	1,560,000
7293	10	35	51	3.5	5.9	0.7	13.49	1,810,000
7294	10	35	51	3.5	5.9	0.7	13.49	1,530,000
7295	10	35	51	3.5	5.9	0.7	13.49	1,330,000
7296	10	35	51	3.5	5.9	0.7	13.49	899,000
7297	10	35	51	3.5	5.9	0.7	13.49	740,000
7298	10	35	51	3.5	5.9	0.7	13.49	449,000
7299	10	35	51	3.5	5.9	0.7	13.49	565,000
7300	10	35	51	3.5	5.9	0.7	13.49	421,000
7301	10	35	51	3.5	5.9	0.7	13.49	334,000
7302	10	35	51	3.5	5.9	0.7	13.49	194,000
7303	10	35	51	3.5	5.9	0.7	13.49	154,000
7304	10	35	51	3.5	5.9	0.7	13.49	94,400
7305	10	35	51	3.5	5.9	0.7	13.49	113,000
7306	10	35	51	3.5	5.9	0.7	13.49	86,700
7307	10	35	51	3.5	5.9	0.7	13.49	72,200
7308	10	35	51	3.5	5.9	0.7	13.49	50,200
7309	10	35	51	3.5	5.9	0.7	13.49	44,100
7310	10	35	51	3.5	5.9	0.7	13.49	34,500
7311	10	35	51	3.5	5.9	2.93	13.18	2,130,000
7312	10	35	51	3.5	5.9	2.93	13.18	2,110,000
7313	10	35	51	3.5	5.9	2.93	13.18	2,100,000
7314	10	35	51	3.5	5.9	2.93	13.18	2,070,000
7315	10	35	51	3.5	5.9	2.93	13.18	2,050,000
7316	10	35	51	3.5	5.9	2.93	13.18	2,000,000
7317	10	35	51	3.5	5.9	2.93	13.18	1,840,000
7318	10	35	51	3.5	5.9	2.93	13.18	1,770,000
7319	10	35	51	3.5	5.9	2.93	13.18	1,710,000
7320	10	35	51	3.5	5.9	2.93	13.18	1,550,000
7321	10	35	51	3.5	5.9	2.93	13.18	1,470,000
7322	10	35	51	3.5	5.9	2.93	13.18	1,260,000
7323	10	35	51	3.5	5.9	2.93	13.18	881,000
7324	10	35	51	3.5	5.9	2.93	13.18	747,000
7325	10	35	51	3.5	5.9	2.93	13.18	650,000
7326	10	35	51	3.5	5.9	2.93	13.18	449,000
7327	10	35	51	3.5	5.9	2.93	13.18	375,000
7328	10	35	51	3.5	5.9	2.93	13.18	240,000
7329	10	35	51	3.5	5.9	2.93	13.18	199,000
7330	10	35	51	3.5	5.9	2.93	13.18	151,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7331	10	35	51	3.5	5.9	2.93	13.18	123,000
7332	10	35	51	3.5	5.9	2.93	13.18	77,000
7333	10	35	51	3.5	5.9	2.93	13.18	63,600
7334	10	35	51	3.5	5.9	2.93	13.18	42,400
7335	10	35	51	3.5	5.9	2.93	13.18	59,100
7336	10	35	51	3.5	5.9	2.93	13.18	46,900
7337	10	35	51	3.5	5.9	2.93	13.18	39,800
7338	10	35	51	3.5	5.9	2.93	13.18	28,600
7339	10	35	51	3.5	5.9	2.93	13.18	25,300
7340	10	35	51	3.5	5.9	2.93	13.18	19,900
7341	10	35	51	3.5	5.9	6.03	12.76	4,950,000
7342	10	35	51	3.5	5.9	6.03	12.76	4,590,000
7343	10	35	51	3.5	5.9	6.03	12.76	4,320,000
7344	10	35	51	3.5	5.9	6.03	12.76	3,670,000
7345	10	35	51	3.5	5.9	6.03	12.76	3,380,000
7346	10	35	51	3.5	5.9	6.03	12.76	2,730,000
7347	10	35	51	3.5	5.9	6.03	12.76	2,690,000
7348	10	35	51	3.5	5.9	6.03	12.76	2,340,000
7349	10	35	51	3.5	5.9	6.03	12.76	2,080,000
7350	10	35	51	3.5	5.9	6.03	12.76	1,550,000
7351	10	35	51	3.5	5.9	6.03	12.76	1,340,000
7352	10	35	51	3.5	5.9	6.03	12.76	941,000
7353	10	35	51	3.5	5.9	6.03	12.76	848,000
7354	10	35	51	3.5	5.9	6.03	12.76	676,000
7355	10	35	51	3.5	5.9	6.03	12.76	565,000
7356	10	35	51	3.5	5.9	6.03	12.76	365,000
7357	10	35	51	3.5	5.9	6.03	12.76	300,000
7358	10	35	51	3.5	5.9	6.03	12.76	189,000
7359	10	35	51	3.5	5.9	6.03	12.76	197,000
7360	10	35	51	3.5	5.9	6.03	12.76	151,000
7361	10	35	51	3.5	5.9	6.03	12.76	123,000
7362	10	35	51	3.5	5.9	6.03	12.76	77,900
7363	10	35	51	3.5	5.9	6.03	12.76	64,300
7364	10	35	51	3.5	5.9	6.03	12.76	41,900
7365	10	35	51	3.5	5.9	6.03	12.76	50,600
7366	10	35	51	3.5	5.9	6.03	12.76	39,900
7367	10	35	51	3.5	5.9	6.03	12.76	33,600
7368	10	35	51	3.5	5.9	6.03	12.76	23,100
7369	10	35	51	3.5	5.9	6.03	12.76	20,000

No.	ρ_{34} %	ρ_{38} %	ρ_{4} %	ρ_{200} %	AC %	Va %	V_{beff} %	E* psi
7370	10	35	51	3.5	5.9	6.03	12.76	14,600
7371	10	35	51	3.5	5.9	8.87	12.38	5,050,000
7372	10	35	51	3.5	5.9	8.87	12.38	4,670,000
7373	10	35	51	3.5	5.9	8.87	12.38	4,380,000
7374	10	35	51	3.5	5.9	8.87	12.38	3,690,000
7375	10	35	51	3.5	5.9	8.87	12.38	3,400,000
7376	10	35	51	3.5	5.9	8.87	12.38	2,740,000
7377	10	35	51	3.5	5.9	8.87	12.38	2,650,000
7378	10	35	51	3.5	5.9	8.87	12.38	2,300,000
7379	10	35	51	3.5	5.9	8.87	12.38	2,050,000
7380	10	35	51	3.5	5.9	8.87	12.38	1,530,000
7381	10	35	51	3.5	5.9	8.87	12.38	1,330,000
7382	10	35	51	3.5	5.9	8.87	12.38	935,000
7383	10	35	51	3.5	5.9	8.87	12.38	831,000
7384	10	35	51	3.5	5.9	8.87	12.38	666,000
7385	10	35	51	3.5	5.9	8.87	12.38	559,000
7386	10	35	51	3.5	5.9	8.87	12.38	365,000
7387	10	35	51	3.5	5.9	8.87	12.38	302,000
7388	10	35	51	3.5	5.9	8.87	12.38	192,000
7389	10	35	51	3.5	5.9	8.87	12.38	199,000
7390	10	35	51	3.5	5.9	8.87	12.38	153,000
7391	10	35	51	3.5	5.9	8.87	12.38	125,000
7392	10	35	51	3.5	5.9	8.87	12.38	79,300
7393	10	35	51	3.5	5.9	8.87	12.38	65,300
7394	10	35	51	3.5	5.9	8.87	12.38	42,100
7395	10	35	51	3.5	5.9	8.87	12.38	51,900
7396	10	35	51	3.5	5.9	8.87	12.38	40,600
7397	10	35	51	3.5	5.9	8.87	12.38	33,900
7398	10	35	51	3.5	5.9	8.87	12.38	22,800
7399	10	35	51	3.5	5.9	8.87	12.38	19,500
7400	10	35	51	3.5	5.9	8.87	12.38	13,800

APPENDIX C

Data for Dynamic Shear Modulus (G_b^*) and Phase Angle (δ_b) Model Development

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\lvert G_b^* \rvert$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1	10.83	-3.6253	15	1	0.16	2.11E+06	65.2
2	10.83	-3.6253	15	1.59	0.25	2.93E+06	63.2
3	10.83	-3.6253	15	2.51	0.4	4.02E+06	60.7
4	10.83	-3.6253	15	3.98	0.63	5.46E+06	59.6
5	10.83	-3.6253	15	6.31	1	7.32E+06	57.7
6	10.83	-3.6253	15	10	1.59	9.73E+06	55.7
7	10.83	-3.6253	15	15.9	2.53	1.34E+07	54.1
8	10.83	-3.6253	15	25.1	3.99	1.74E+07	51.6
9	10.83	-3.6253	15	39.8	6.33	2.24E+07	49.7
10	10.83	-3.6253	15	63.1	10.04	2.92E+07	49.1
11	10.83	-3.6253	15	100	15.92	3.61E+07	45.7
12	10.83	-3.6253	25	1	0.16	2.07E+05	72.4
13	10.83	-3.6253	25	1.59	0.25	2.99E+05	71.4
14	10.83	-3.6253	25	2.51	0.4	4.30E+05	70.4
15	10.83	-3.6253	25	3.98	0.63	6.16E+05	69.1
16	10.83	-3.6253	25	6.31	1	8.76E+05	67.9
17	10.83	-3.6253	25	10	1.59	1.24E+06	66.4
18	10.83	-3.6253	25	15.9	2.53	1.74E+06	65.4
19	10.83	-3.6253	25	25.1	3.99	2.42E+06	63.9
20	10.83	-3.6253	25	39.8	6.33	3.33E+06	62.2
21	10.83	-3.6253	25	63.1	10.04	4.54E+06	60.6
22	10.83	-3.6253	25	100	15.92	6.11E+06	58.9
23	10.83	-3.6253	35	1	0.16	3.07E+04	78.4
24	10.83	-3.6253	35	1.59	0.25	4.54E+04	77.4
25	10.83	-3.6253	35	2.51	0.4	6.72E+04	76.4
26	10.83	-3.6253	35	3.98	0.63	9.88E+04	75.5
27	10.83	-3.6253	35	6.31	1	1.44E+05	74.7
28	10.83	-3.6253	35	10	1.59	2.09E+05	73.9
29	10.83	-3.6253	35	15.9	2.53	3.11E+05	72.8
30	10.83	-3.6253	35	25.1	3.99	4.48E+05	71.8
31	10.83	-3.6253	35	39.8	6.33	6.45E+05	70.5
32	10.83	-3.6253	35	63.1	10.04	9.21E+05	69.5
33	10.83	-3.6253	35	100	15.92	1.30E+06	68.3
34	10.83	-3.6253	45	1	0.16	5.22E+03	83.4
35	10.83	-3.6253	45	1.59	0.25	7.96E+03	82.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
36	10.83	-3.6253	45	2.51	0.4	1.20E+04	81.7
37	10.83	-3.6253	45	3.98	0.63	1.80E+04	80.9
38	10.83	-3.6253	45	6.31	1	2.70E+04	80
39	10.83	-3.6253	45	10	1.59	3.95E+04	79.3
40	10.83	-3.6253	45	15.9	2.53	6.11E+04	77.5
41	10.83	-3.6253	45	25.1	3.99	9.00E+04	77
42	10.83	-3.6253	45	39.8	6.33	1.32E+05	76.1
43	10.83	-3.6253	45	63.1	10.04	1.94E+05	75.5
44	10.83	-3.6253	45	100	15.92	2.82E+05	74.7
45	10.83	-3.6253	60	1	0.16	4.71E+02	88.5
46	10.83	-3.6253	60	1.59	0.25	7.40E+02	87.3
47	10.83	-3.6253	60	2.51	0.4	1.15E+03	86.7
48	10.83	-3.6253	60	3.98	0.63	1.80E+03	85.9
49	10.83	-3.6253	60	6.31	1	2.78E+03	85.1
50	10.83	-3.6253	60	10	1.59	4.30E+03	84.4
51	10.83	-3.6253	60	15.9	2.53	6.58E+03	83.6
52	10.83	-3.6253	60	25.1	3.99	1.01E+04	82.8
53	10.83	-3.6253	60	39.8	6.33	1.53E+04	82.2
54	10.83	-3.6253	60	63.1	10.04	2.31E+04	81.5
55	10.83	-3.6253	60	100	15.92	3.48E+04	80.9
56	10.83	-3.6253	70	1	0.16	1.21E+02	89
57	10.83	-3.6253	70	1.59	0.25	1.92E+02	88.8
58	10.83	-3.6253	70	2.51	0.4	3.03E+02	88.4
59	10.83	-3.6253	70	3.98	0.63	4.77E+02	88.1
60	10.83	-3.6253	70	6.31	1	7.48E+02	87.6
61	10.83	-3.6253	70	10	1.59	1.17E+03	87
62	10.83	-3.6253	70	15.9	2.53	1.82E+03	86.3
63	10.83	-3.6253	70	25.1	3.99	2.83E+03	85.6
64	10.83	-3.6253	70	39.8	6.33	4.36E+03	85
65	10.83	-3.6253	70	63.1	10.04	6.70E+03	84.4
66	10.83	-3.6253	70	100	15.92	1.02E+04	83.9
67	10.83	-3.6253	80	1	0.16	3.83E+01	89.6
68	10.83	-3.6253	80	1.59	0.25	6.04E+01	89.4
69	10.83	-3.6253	80	2.51	0.4	9.61E+01	89.3
70	10.83	-3.6253	80	3.98	0.63	1.52E+02	89.7
71	10.83	-3.6253	80	6.31	1	2.40E+02	89
72	10.83	-3.6253	80	10	1.59	3.78E+02	88.6
73	10.83	-3.6253	80	15.9	2.53	5.94E+02	88.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
74	10.83	-3.6253	80	25.1	3.99	9.24E+02	87.2
75	10.83	-3.6253	80	39.8	6.33	1.46E+03	86.9
76	10.83	-3.6253	80	63.1	10.04	2.26E+03	86.5
77	10.83	-3.6253	80	100	15.92	3.49E+03	86.1
78	10.83	-3.6253	95	1	0.16	9.01E+00	90.2
79	10.83	-3.6253	95	1.59	0.25	1.47E+01	88.8
80	10.83	-3.6253	95	2.51	0.4	2.28E+01	88.9
81	10.83	-3.6253	95	3.98	0.63	3.63E+01	89.2
82	10.83	-3.6253	95	6.31	1	5.76E+01	89.5
83	10.83	-3.6253	95	10	1.59	9.10E+01	89.4
84	10.83	-3.6253	95	15.9	2.53	1.45E+02	89.6
85	10.83	-3.6253	95	25.1	3.99	2.32E+02	89.1
86	10.83	-3.6253	95	39.8	6.33	3.62E+02	89.4
87	10.83	-3.6253	95	63.1	10.04	5.68E+02	89
88	10.83	-3.6253	95	100	15.92	8.88E+02	88.6
89	10.83	-3.6253	105	1	0.16	4.31E+00	89.9
90	10.83	-3.6253	105	1.59	0.25	6.61E+00	89.5
91	10.83	-3.6253	105	2.51	0.4	1.05E+01	88.8
92	10.83	-3.6253	105	3.98	0.63	1.66E+01	89.4
93	10.83	-3.6253	105	6.31	1	2.63E+01	89.5
94	10.83	-3.6253	105	10	1.59	4.16E+01	89.5
95	10.83	-3.6253	105	15.9	2.53	6.61E+01	89.8
96	10.83	-3.6253	105	25.1	3.99	1.02E+02	90.1
97	10.83	-3.6253	105	39.8	6.33	1.65E+02	89.4
98	10.83	-3.6253	105	63.1	10.04	2.59E+02	89.8
99	10.83	-3.6253	105	100	15.92	4.07E+02	89.4
100	10.83	-3.6253	115	1	0.16	2.03E+00	88
101	10.83	-3.6253	115	1.59	0.25	3.33E+00	90.3
102	10.83	-3.6253	115	2.51	0.4	5.28E+00	89.7
103	10.83	-3.6253	115	3.98	0.63	8.38E+00	89.7
104	10.83	-3.6253	115	6.31	1	1.32E+01	89.5
105	10.83	-3.6253	115	10	1.59	2.09E+01	89.5
106	10.83	-3.6253	115	15.9	2.53	3.31E+01	89.4
107	10.83	-3.6253	115	25.1	3.99	5.23E+01	89.5
108	10.83	-3.6253	115	39.8	6.33	8.28E+01	89.6
109	10.83	-3.6253	115	63.1	10.04	1.31E+02	89.5
110	10.83	-3.6253	115	100	15.92	2.06E+02	89.4
111	10.715	-3.5756	25	1	0.16	4.68E+05	65.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
112	10.715	-3.5756	25	1.59	0.25	6.54E+05	64.4
113	10.715	-3.5756	25	2.51	0.4	9.07E+05	63.4
114	10.715	-3.5756	25	3.98	0.63	1.25E+06	62
115	10.715	-3.5756	25	6.31	1	1.71E+06	60.8
116	10.715	-3.5756	25	10	1.59	2.32E+06	59.3
117	10.715	-3.5756	25	15.9	2.53	3.17E+06	58.6
118	10.715	-3.5756	25	25.1	3.99	4.22E+06	57
119	10.715	-3.5756	25	39.8	6.33	5.62E+06	55.2
120	10.715	-3.5756	25	63.1	10.04	7.40E+06	54.1
121	10.715	-3.5756	25	100	15.92	9.66E+06	52.6
122	10.715	-3.5756	35	1	0.16	7.64E+04	72.2
123	10.715	-3.5756	35	1.59	0.25	1.10E+05	71
124	10.715	-3.5756	35	2.51	0.4	1.57E+05	70.3
125	10.715	-3.5756	35	3.98	0.63	2.24E+05	69.2
126	10.715	-3.5756	35	6.31	1	3.17E+05	68.4
127	10.715	-3.5756	35	10	1.59	4.47E+05	67.4
128	10.715	-3.5756	35	15.9	2.53	6.33E+05	66.3
129	10.715	-3.5756	35	25.1	3.99	8.90E+05	65.3
130	10.715	-3.5756	35	39.8	6.33	1.24E+06	64.1
131	10.715	-3.5756	35	63.1	10.04	1.71E+06	63
132	10.715	-3.5756	35	100	15.92	2.33E+06	61.9
133	10.715	-3.5756	45	1	0.16	1.38E+04	78.1
134	10.715	-3.5756	45	1.59	0.25	2.04E+04	77
135	10.715	-3.5756	45	2.51	0.4	3.01E+04	75.9
136	10.715	-3.5756	45	3.98	0.63	4.41E+04	74.9
137	10.715	-3.5756	45	6.31	1	6.40E+04	74
138	10.715	-3.5756	45	10	1.59	9.21E+04	73.2
139	10.715	-3.5756	45	15.9	2.53	1.35E+05	71.9
140	10.715	-3.5756	45	25.1	3.99	1.95E+05	71.4
141	10.715	-3.5756	45	39.8	6.33	2.78E+05	70.5
142	10.715	-3.5756	45	63.1	10.04	3.97E+05	69.6
143	10.715	-3.5756	45	100	15.92	5.60E+05	68.8
144	10.715	-3.5756	60	1	0.16	1.12E+03	85.1
145	10.715	-3.5756	60	1.59	0.25	1.72E+03	84.3
146	10.715	-3.5756	60	2.51	0.4	2.65E+03	83.3
147	10.715	-3.5756	60	3.98	0.63	4.04E+03	82.4
148	10.715	-3.5756	60	6.31	1	6.13E+03	81.3
149	10.715	-3.5756	60	10	1.59	9.26E+03	80.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
150	10.715	-3.5756	60	15.9	2.53	1.39E+04	79.6
151	10.715	-3.5756	60	25.1	3.99	2.07E+04	79.2
152	10.715	-3.5756	60	39.8	6.33	3.09E+04	77.9
153	10.715	-3.5756	60	63.1	10.04	4.58E+04	77.1
154	10.715	-3.5756	60	100	15.92	6.70E+04	76.5
155	10.715	-3.5756	70	1	0.16	2.76E+02	88
156	10.715	-3.5756	70	1.59	0.25	4.36E+02	87.4
157	10.715	-3.5756	70	2.51	0.4	6.77E+02	86.4
158	10.715	-3.5756	70	3.98	0.63	1.05E+03	85.9
159	10.715	-3.5756	70	6.31	1	1.63E+03	84.9
160	10.715	-3.5756	70	10	1.59	2.51E+03	84.1
161	10.715	-3.5756	70	15.9	2.53	3.86E+03	83.3
162	10.715	-3.5756	70	25.1	3.99	5.87E+03	82.4
163	10.715	-3.5756	70	39.8	6.33	8.93E+03	81.6
164	10.715	-3.5756	70	63.1	10.04	1.35E+04	80.7
165	10.715	-3.5756	70	100	15.92	2.01E+04	80
166	10.715	-3.5756	80	1	0.16	7.84E+01	89.3
167	10.715	-3.5756	80	1.59	0.25	1.24E+02	89.1
168	10.715	-3.5756	80	2.51	0.4	1.95E+02	88.6
169	10.715	-3.5756	80	3.98	0.63	3.08E+02	88.1
170	10.715	-3.5756	80	6.31	1	4.83E+02	87.6
171	10.715	-3.5756	80	10	1.59	7.55E+02	87
172	10.715	-3.5756	80	15.9	2.53	1.18E+03	86.1
173	10.715	-3.5756	80	25.1	3.99	1.82E+03	85
174	10.715	-3.5756	80	39.8	6.33	2.81E+03	84.5
175	10.715	-3.5756	80	63.1	10.04	4.31E+03	83.8
176	10.715	-3.5756	80	100	15.92	6.55E+03	83.2
177	10.715	-3.5756	95	1	0.16	1.54E+01	83.9
178	10.715	-3.5756	95	1.59	0.25	2.48E+01	87.8
179	10.715	-3.5756	95	2.51	0.4	3.84E+01	90.8
180	10.715	-3.5756	95	3.98	0.63	6.21E+01	89.4
181	10.715	-3.5756	95	6.31	1	9.89E+01	89.3
182	10.715	-3.5756	95	10	1.59	1.56E+02	89.1
183	10.715	-3.5756	95	15.9	2.53	2.47E+02	88.9
184	10.715	-3.5756	95	25.1	3.99	3.84E+02	88.9
185	10.715	-3.5756	95	39.8	6.33	6.06E+02	87.9
186	10.715	-3.5756	95	63.1	10.04	9.57E+02	87.7
187	10.715	-3.5756	95	100	15.92	1.48E+03	87.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
188	10.715	-3.5756	105	1	0.16	7.17E+00	89.5
189	10.715	-3.5756	105	1.59	0.25	1.02E+01	87.6
190	10.715	-3.5756	105	2.51	0.4	1.72E+01	90.4
191	10.715	-3.5756	105	3.98	0.63	2.68E+01	90.1
192	10.715	-3.5756	105	6.31	1	4.24E+01	89.6
193	10.715	-3.5756	105	10	1.59	6.71E+01	89.6
194	10.715	-3.5756	105	15.9	2.53	1.07E+02	89.6
195	10.715	-3.5756	105	25.1	3.99	1.66E+02	88.3
196	10.715	-3.5756	105	39.8	6.33	2.64E+02	89.1
197	10.715	-3.5756	105	63.1	10.04	4.16E+02	88.8
198	10.715	-3.5756	105	100	15.92	6.50E+02	88.4
199	10.715	-3.5756	115	1	0.16	3.81E+00	91.1
200	10.715	-3.5756	115	1.59	0.25	5.00E+00	88.2
201	10.715	-3.5756	115	2.51	0.4	8.01E+00	89.7
202	10.715	-3.5756	115	3.98	0.63	1.27E+01	89.3
203	10.715	-3.5756	115	6.31	1	2.01E+01	89.5
204	10.715	-3.5756	115	10	1.59	3.18E+01	89.7
205	10.715	-3.5756	115	15.9	2.53	5.04E+01	90.1
206	10.715	-3.5756	115	25.1	3.99	7.89E+01	89.6
207	10.715	-3.5756	115	39.8	6.33	1.26E+02	89.5
208	10.715	-3.5756	115	63.1	10.04	1.99E+02	89.3
209	10.715	-3.5756	115	100	15.92	3.14E+02	89.1
210	10.659	-3.543	25	1	0.16	1.54E+06	55.4
211	10.659	-3.543	25	1.59	0.25	2.04E+06	54.3
212	10.659	-3.543	25	2.51	0.4	2.68E+06	52.7
213	10.659	-3.543	25	3.98	0.63	3.50E+06	51.4
214	10.659	-3.543	25	6.31	1	4.52E+06	50.2
215	10.659	-3.543	25	10	1.59	5.78E+06	49.1
216	10.659	-3.543	25	15.9	2.53	7.55E+06	48
217	10.659	-3.543	25	25.1	3.99	9.83E+06	47.4
218	10.659	-3.543	25	39.8	6.33	1.24E+07	45.7
219	10.659	-3.543	25	63.1	10.04	1.51E+07	44.6
220	10.659	-3.543	25	100	15.92	1.90E+07	43.2
221	10.659	-3.543	35	1	0.16	2.99E+05	62.6
222	10.659	-3.543	35	1.59	0.25	4.14E+05	61.6
223	10.659	-3.543	35	2.51	0.4	5.62E+05	60.5
224	10.659	-3.543	35	3.98	0.63	7.65E+05	59.4
225	10.659	-3.543	35	6.31	1	1.03E+06	58.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
226	10.659	-3.543	35	10	1.59	1.39E+06	57.1
227	10.659	-3.543	35	15.9	2.53	1.86E+06	56
228	10.659	-3.543	35	25.1	3.99	2.46E+06	55.6
229	10.659	-3.543	35	39.8	6.33	3.24E+06	54.3
230	10.659	-3.543	35	63.1	10.04	4.24E+06	52.8
231	10.659	-3.543	35	100	15.92	5.48E+06	51.7
232	10.659	-3.543	45	1	0.16	5.81E+04	69.4
233	10.659	-3.543	45	1.59	0.25	8.22E+04	68.2
234	10.659	-3.543	45	2.51	0.4	1.16E+05	67.1
235	10.659	-3.543	45	3.98	0.63	1.63E+05	65.9
236	10.659	-3.543	45	6.31	1	2.26E+05	65
237	10.659	-3.543	45	10	1.59	3.14E+05	64.1
238	10.659	-3.543	45	15.9	2.53	4.23E+05	63.6
239	10.659	-3.543	45	25.1	3.99	5.72E+05	62.9
240	10.659	-3.543	45	39.8	6.33	7.68E+05	62.4
241	10.659	-3.543	45	63.1	10.04	1.02E+06	61.9
242	10.659	-3.543	45	100	15.92	1.33E+06	61.6
243	10.659	-3.543	60	1	0.16	4.44E+03	80.1
244	10.659	-3.543	60	1.59	0.25	6.71E+03	78.4
245	10.659	-3.543	60	2.51	0.4	1.00E+04	77.3
246	10.659	-3.543	60	3.98	0.63	1.47E+04	75.6
247	10.659	-3.543	60	6.31	1	2.15E+04	74.5
248	10.659	-3.543	60	10	1.59	3.13E+04	73.3
249	10.659	-3.543	60	15.9	2.53	4.61E+04	73.2
250	10.659	-3.543	60	25.1	3.99	6.60E+04	72.5
251	10.659	-3.543	60	39.8	6.33	9.41E+04	71.6
252	10.659	-3.543	60	63.1	10.04	1.36E+05	70.8
253	10.659	-3.543	60	100	15.92	1.91E+05	70.4
254	10.659	-3.543	70	1	0.16	1.01E+03	84.2
255	10.659	-3.543	70	1.59	0.25	1.55E+03	83.3
256	10.659	-3.543	70	2.51	0.4	2.39E+03	82.3
257	10.659	-3.543	70	3.98	0.63	3.62E+03	81.1
258	10.659	-3.543	70	6.31	1	5.47E+03	79.8
259	10.659	-3.543	70	10	1.59	8.19E+03	78.6
260	10.659	-3.543	70	15.9	2.53	1.22E+04	77.6
261	10.659	-3.543	70	25.1	3.99	1.80E+04	76.5
262	10.659	-3.543	70	39.8	6.33	2.65E+04	75.5
263	10.659	-3.543	70	63.1	10.04	3.88E+04	74.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
264	10.659	-3.543	70	100	15.92	5.61E+04	73.8
265	10.659	-3.543	80	1	0.16	2.54E+02	87.8
266	10.659	-3.543	80	1.59	0.25	3.96E+02	86.7
267	10.659	-3.543	80	2.51	0.4	6.21E+02	86
268	10.659	-3.543	80	3.98	0.63	9.62E+02	85.1
269	10.659	-3.543	80	6.31	1	1.48E+03	84.1
270	10.659	-3.543	80	10	1.59	2.28E+03	83.1
271	10.659	-3.543	80	15.9	2.53	3.48E+03	82
272	10.659	-3.543	80	25.1	3.99	5.26E+03	81.2
273	10.659	-3.543	80	39.8	6.33	7.93E+03	79.9
274	10.659	-3.543	80	63.1	10.04	1.19E+04	79
275	10.659	-3.543	80	100	15.92	1.76E+04	78
276	10.659	-3.543	95	1	0.16	3.99E+01	83.9
277	10.659	-3.543	95	1.59	0.25	6.38E+01	87.8
278	10.659	-3.543	95	2.51	0.4	1.00E+02	90.8
279	10.659	-3.543	95	3.98	0.63	1.59E+02	89.4
280	10.659	-3.543	95	6.31	1	2.49E+02	89.3
281	10.659	-3.543	95	10	1.59	3.91E+02	89.1
282	10.659	-3.543	95	15.9	2.53	6.10E+02	88.9
283	10.659	-3.543	95	25.1	3.99	9.47E+02	88.9
284	10.659	-3.543	95	39.8	6.33	1.47E+03	87.9
285	10.659	-3.543	95	63.1	10.04	2.25E+03	87.7
286	10.659	-3.543	95	100	15.92	3.42E+03	87.2
287	10.659	-3.543	105	1	0.16	1.52E+01	89.5
288	10.659	-3.543	105	1.59	0.25	2.41E+01	87.6
289	10.659	-3.543	105	2.51	0.4	3.81E+01	90.4
290	10.659	-3.543	105	3.98	0.63	6.03E+01	90.1
291	10.659	-3.543	105	6.31	1	9.54E+01	89.6
292	10.659	-3.543	105	10	1.59	1.51E+02	89.6
293	10.659	-3.543	105	15.9	2.53	2.38E+02	89.6
294	10.659	-3.543	105	25.1	3.99	3.68E+02	88.3
295	10.659	-3.543	105	39.8	6.33	5.85E+02	89.1
296	10.659	-3.543	105	63.1	10.04	9.10E+02	88.8
297	10.659	-3.543	105	100	15.92	1.40E+03	88.4
298	10.659	-3.543	115	1	0.16	6.56E+00	91.1
299	10.659	-3.543	115	1.59	0.25	1.04E+01	88.2
300	10.659	-3.543	115	2.51	0.4	1.63E+01	89.7
301	10.659	-3.543	115	3.98	0.63	2.60E+01	89.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
302	10.659	-3.543	115	6.31	1	4.11E+01	89.5
303	10.659	-3.543	115	10	1.59	6.50E+01	89.7
304	10.659	-3.543	115	15.9	2.53	1.03E+02	90.1
305	10.659	-3.543	115	25.1	3.99	1.63E+02	89.6
306	10.659	-3.543	115	39.8	6.33	2.55E+02	89.5
307	10.659	-3.543	115	63.1	10.04	4.00E+02	89.3
308	10.659	-3.543	115	100	15.92	6.24E+02	89.1
309	10.55109	-3.5165	15	1	0.16	5.37E+06	60.3
310	10.55109	-3.5165	15	1.59	0.25	7.25E+06	58.4
311	10.55109	-3.5165	15	2.51	0.4	9.68E+06	56.4
312	10.55109	-3.5165	15	3.98	0.63	1.28E+07	54.7
313	10.55109	-3.5165	15	6.31	1	1.67E+07	52.6
314	10.55109	-3.5165	15	10	1.59	2.15E+07	50.5
315	10.55109	-3.5165	15	15.9	2.53	2.81E+07	48.5
316	10.55109	-3.5165	15	25.1	3.99	3.53E+07	46.4
317	10.55109	-3.5165	15	39.8	6.33	4.45E+07	44.4
318	10.55109	-3.5165	15	63.1	10.04	5.51E+07	42.6
319	10.55109	-3.5165	15	100	15.92	6.80E+07	40.9
320	10.55109	-3.5165	25	1	0.16	6.50E+05	68.8
321	10.55109	-3.5165	25	1.59	0.25	9.20E+05	67.6
322	10.55109	-3.5165	25	2.51	0.4	1.30E+06	66.3
323	10.55109	-3.5165	25	3.98	0.63	1.82E+06	65
324	10.55109	-3.5165	25	6.31	1	2.53E+06	63.4
325	10.55109	-3.5165	25	10	1.59	3.49E+06	61.8
326	10.55109	-3.5165	25	15.9	2.53	4.79E+06	60.5
327	10.55109	-3.5165	25	25.1	3.99	6.50E+06	58.8
328	10.55109	-3.5165	25	39.8	6.33	8.67E+06	57.1
329	10.55109	-3.5165	25	63.1	10.04	1.15E+07	55.4
330	10.55109	-3.5165	25	100	15.92	1.50E+07	53.4
331	10.55109	-3.5165	35	1	0.16	9.41E+04	75
332	10.55109	-3.5165	35	1.59	0.25	1.38E+05	74
333	10.55109	-3.5165	35	2.51	0.4	2.01E+05	73.2
334	10.55109	-3.5165	35	3.98	0.63	2.91E+05	72.2
335	10.55109	-3.5165	35	6.31	1	4.20E+05	71.3
336	10.55109	-3.5165	35	10	1.59	6.02E+05	70.3
337	10.55109	-3.5165	35	15.9	2.53	8.65E+05	69.1
338	10.55109	-3.5165	35	25.1	3.99	1.23E+06	68
339	10.55109	-3.5165	35	39.8	6.33	1.73E+06	66.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
340	10.55109	-3.5165	35	63.1	10.04	2.42E+06	65.5
341	10.55109	-3.5165	35	100	15.92	3.33E+06	64.2
342	10.55109	-3.5165	45	1	0.16	1.52E+04	80.9
343	10.55109	-3.5165	45	1.59	0.25	2.29E+04	79.8
344	10.55109	-3.5165	45	2.51	0.4	3.41E+04	78.9
345	10.55109	-3.5165	45	3.98	0.63	5.06E+04	77.9
346	10.55109	-3.5165	45	6.31	1	7.46E+04	77
347	10.55109	-3.5165	45	10	1.59	1.09E+05	76.3
348	10.55109	-3.5165	45	15.9	2.53	1.63E+05	75
349	10.55109	-3.5165	45	25.1	3.99	2.38E+05	74.1
350	10.55109	-3.5165	45	39.8	6.33	3.45E+05	73.4
351	10.55109	-3.5165	45	63.1	10.04	4.97E+05	72.7
352	10.55109	-3.5165	45	100	15.92	7.06E+05	71.9
353	10.55109	-3.5165	60	1	0.16	1.15E+03	86.8
354	10.55109	-3.5165	60	1.59	0.25	1.80E+03	85.9
355	10.55109	-3.5165	60	2.51	0.4	2.79E+03	85.1
356	10.55109	-3.5165	60	3.98	0.63	4.31E+03	84.3
357	10.55109	-3.5165	60	6.31	1	6.61E+03	83.4
358	10.55109	-3.5165	60	10	1.59	1.01E+04	82.6
359	10.55109	-3.5165	60	15.9	2.53	1.53E+04	82.5
360	10.55109	-3.5165	60	25.1	3.99	2.32E+04	81.6
361	10.55109	-3.5165	60	39.8	6.33	3.50E+04	80.9
362	10.55109	-3.5165	60	63.1	10.04	5.25E+04	80.1
363	10.55109	-3.5165	60	100	15.92	7.82E+04	79.7
364	10.55109	-3.5165	70	1	0.16	2.82E+02	88.4
365	10.55109	-3.5165	70	1.59	0.25	4.44E+02	88.1
366	10.55109	-3.5165	70	2.51	0.4	6.97E+02	87.7
367	10.55109	-3.5165	70	3.98	0.63	1.09E+03	87
368	10.55109	-3.5165	70	6.31	1	1.69E+03	86.3
369	10.55109	-3.5165	70	10	1.59	2.62E+03	85.6
370	10.55109	-3.5165	70	15.9	2.53	4.06E+03	84.9
371	10.55109	-3.5165	70	25.1	3.99	6.24E+03	84.2
372	10.55109	-3.5165	70	39.8	6.33	9.56E+03	83.4
373	10.55109	-3.5165	70	63.1	10.04	1.46E+04	82.7
374	10.55109	-3.5165	70	100	15.92	2.20E+04	82.3
375	10.55109	-3.5165	80	1	0.16	8.21E+01	89.8
376	10.55109	-3.5165	80	1.59	0.25	1.30E+02	89.1
377	10.55109	-3.5165	80	2.51	0.4	2.05E+02	88.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
378	10.55109	-3.5165	80	3.98	0.63	3.23E+02	88.7
379	10.55109	-3.5165	80	6.31	1	5.07E+02	88.3
380	10.55109	-3.5165	80	10	1.59	7.91E+02	87.9
381	10.55109	-3.5165	80	15.9	2.53	1.24E+03	87.2
382	10.55109	-3.5165	80	25.1	3.99	1.94E+03	86.5
383	10.55109	-3.5165	80	39.8	6.33	3.00E+03	85.9
384	10.55109	-3.5165	80	63.1	10.04	4.63E+03	85.3
385	10.55109	-3.5165	80	100	15.92	7.09E+03	84.7
386	10.55109	-3.5165	95	1	0.16	1.75E+01	90.3
387	10.55109	-3.5165	95	1.59	0.25	2.74E+01	89
388	10.55109	-3.5165	95	2.51	0.4	4.32E+01	89.5
389	10.55109	-3.5165	95	3.98	0.63	6.85E+01	89.6
390	10.55109	-3.5165	95	6.31	1	1.08E+02	89.4
391	10.55109	-3.5165	95	10	1.59	1.71E+02	89.3
392	10.55109	-3.5165	95	15.9	2.53	2.71E+02	89.6
393	10.55109	-3.5165	95	25.1	3.99	4.26E+02	88.7
394	10.55109	-3.5165	95	39.8	6.33	6.80E+02	89.3
395	10.55109	-3.5165	95	63.1	10.04	1.06E+03	88.8
396	10.55109	-3.5165	95	100	15.92	1.66E+03	88.4
397	10.55109	-3.5165	105	1	0.16	7.47E+00	89.4
398	10.55109	-3.5165	105	1.59	0.25	1.21E+01	89.2
399	10.55109	-3.5165	105	2.51	0.4	1.89E+01	89.3
400	10.55109	-3.5165	105	3.98	0.63	3.03E+01	89.5
401	10.55109	-3.5165	105	6.31	1	4.79E+01	89.6
402	10.55109	-3.5165	105	10	1.59	7.56E+01	89.5
403	10.55109	-3.5165	105	15.9	2.53	1.20E+02	89.4
404	10.55109	-3.5165	105	25.1	3.99	1.86E+02	88.3
405	10.55109	-3.5165	105	39.8	6.33	2.99E+02	89.6
406	10.55109	-3.5165	105	63.1	10.04	4.72E+02	89.1
407	10.55109	-3.5165	105	100	15.92	7.38E+02	88.7
408	10.55109	-3.5165	115	1	0.16	3.67E+00	86.8
409	10.55109	-3.5165	115	1.59	0.25	6.02E+00	90.5
410	10.55109	-3.5165	115	2.51	0.4	9.36E+00	89.1
411	10.55109	-3.5165	115	3.98	0.63	1.48E+01	89.3
412	10.55109	-3.5165	115	6.31	1	2.32E+01	89.5
413	10.55109	-3.5165	115	10	1.59	3.65E+01	89.6
414	10.55109	-3.5165	115	15.9	2.53	5.79E+01	89.4
415	10.55109	-3.5165	115	25.1	3.99	9.12E+01	89.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
416	10.55109	-3.5165	115	39.8	6.33	1.44E+02	89.4
417	10.55109	-3.5165	115	63.1	10.04	2.27E+02	89.4
418	10.55109	-3.5165	115	100	15.92	3.57E+02	89.3
419	10.497	-3.4859	25	1	0.16	1.49E+06	61.5
420	10.497	-3.4859	25	1.59	0.25	2.03E+06	60.3
421	10.497	-3.4859	25	2.51	0.4	2.75E+06	58.9
422	10.497	-3.4859	25	3.98	0.63	3.69E+06	57.4
423	10.497	-3.4859	25	6.31	1	4.90E+06	55.7
424	10.497	-3.4859	25	10	1.59	6.51E+06	54.2
425	10.497	-3.4859	25	15.9	2.53	8.61E+06	54
426	10.497	-3.4859	25	25.1	3.99	1.13E+07	52
427	10.497	-3.4859	25	39.8	6.33	1.46E+07	50.3
428	10.497	-3.4859	25	63.1	10.04	1.87E+07	48.9
429	10.497	-3.4859	25	100	15.92	2.37E+07	47
430	10.497	-3.4859	35	1	0.16	2.48E+05	67.9
431	10.497	-3.4859	35	1.59	0.25	3.51E+05	66.9
432	10.497	-3.4859	35	2.51	0.4	4.92E+05	66
433	10.497	-3.4859	35	3.98	0.63	6.88E+05	64.9
434	10.497	-3.4859	35	6.31	1	9.56E+05	63.9
435	10.497	-3.4859	35	10	1.59	1.32E+06	62.8
436	10.497	-3.4859	35	15.9	2.53	1.82E+06	61.9
437	10.497	-3.4859	35	25.1	3.99	2.48E+06	60.8
438	10.497	-3.4859	35	39.8	6.33	3.38E+06	59.1
439	10.497	-3.4859	35	63.1	10.04	4.54E+06	58.2
440	10.497	-3.4859	35	100	15.92	6.05E+06	57
441	10.497	-3.4859	45	1	0.16	4.41E+04	73.8
442	10.497	-3.4859	45	1.59	0.25	6.44E+04	72.9
443	10.497	-3.4859	45	2.51	0.4	9.29E+04	71.7
444	10.497	-3.4859	45	3.98	0.63	1.33E+05	71
445	10.497	-3.4859	45	6.31	1	1.90E+05	69.9
446	10.497	-3.4859	45	10	1.59	2.70E+05	69.1
447	10.497	-3.4859	45	15.9	2.53	3.87E+05	68.1
448	10.497	-3.4859	45	25.1	3.99	5.46E+05	67.3
449	10.497	-3.4859	45	39.8	6.33	7.67E+05	66.5
450	10.497	-3.4859	45	63.1	10.04	1.07E+06	65.6
451	10.497	-3.4859	45	100	15.92	1.48E+06	64.7
452	10.497	-3.4859	60	1	0.16	3.14E+03	82.2
453	10.497	-3.4859	60	1.59	0.25	4.79E+03	81.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
454	10.497	-3.4859	60	2.51	0.4	7.28E+03	80.3
455	10.497	-3.4859	60	3.98	0.63	1.09E+04	79.1
456	10.497	-3.4859	60	6.31	1	1.63E+04	77.9
457	10.497	-3.4859	60	10	1.59	2.42E+04	76.8
458	10.497	-3.4859	60	15.9	2.53	3.67E+04	77
459	10.497	-3.4859	60	25.1	3.99	5.40E+04	76
460	10.497	-3.4859	60	39.8	6.33	7.81E+04	75.1
461	10.497	-3.4859	60	63.1	10.04	1.14E+05	74.7
462	10.497	-3.4859	60	100	15.92	1.66E+05	74
463	10.497	-3.4859	70	1	0.16	7.62E+02	86.2
464	10.497	-3.4859	70	1.59	0.25	1.18E+03	85.1
465	10.497	-3.4859	70	2.51	0.4	1.83E+03	84.3
466	10.497	-3.4859	70	3.98	0.63	2.81E+03	83.3
467	10.497	-3.4859	70	6.31	1	4.29E+03	82.3
468	10.497	-3.4859	70	10	1.59	6.50E+03	81.3
469	10.497	-3.4859	70	15.9	2.53	9.82E+03	80.5
470	10.497	-3.4859	70	25.1	3.99	1.48E+04	79.5
471	10.497	-3.4859	70	39.8	6.33	2.20E+04	78.6
472	10.497	-3.4859	70	63.1	10.04	3.27E+04	77.9
473	10.497	-3.4859	70	100	15.92	4.82E+04	77.2
474	10.497	-3.4859	80	1	0.16	2.02E+02	88.3
475	10.497	-3.4859	80	1.59	0.25	3.18E+02	87.9
476	10.497	-3.4859	80	2.51	0.4	4.98E+02	87.2
477	10.497	-3.4859	80	3.98	0.63	7.76E+02	86.6
478	10.497	-3.4859	80	6.31	1	1.20E+03	85.8
479	10.497	-3.4859	80	10	1.59	1.85E+03	84.9
480	10.497	-3.4859	80	15.9	2.53	2.84E+03	83.9
481	10.497	-3.4859	80	25.1	3.99	4.34E+03	83.2
482	10.497	-3.4859	80	39.8	6.33	6.61E+03	82.2
483	10.497	-3.4859	80	63.1	10.04	1.00E+04	81.3
484	10.497	-3.4859	80	100	15.92	1.50E+04	80.6
485	10.497	-3.4859	95	1	0.16	3.63E+01	89.9
486	10.497	-3.4859	95	1.59	0.25	5.70E+01	89.2
487	10.497	-3.4859	95	2.51	0.4	9.08E+01	89
488	10.497	-3.4859	95	3.98	0.63	1.44E+02	88.7
489	10.497	-3.4859	95	6.31	1	2.26E+02	88.4
490	10.497	-3.4859	95	10	1.59	3.55E+02	87.9
491	10.497	-3.4859	95	15.9	2.53	5.56E+02	87.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
492	10.497	-3.4859	95	25.1	3.99	8.75E+02	86.6
493	10.497	-3.4859	95	39.8	6.33	1.35E+03	86.3
494	10.497	-3.4859	95	63.1	10.04	2.08E+03	85.3
495	10.497	-3.4859	95	100	15.92	3.21E+03	84.6
496	10.497	-3.4859	105	1	0.16	1.49E+01	87.8
497	10.497	-3.4859	105	1.59	0.25	2.31E+01	89.2
498	10.497	-3.4859	105	2.51	0.4	3.67E+01	89.2
499	10.497	-3.4859	105	3.98	0.63	5.82E+01	89.1
500	10.497	-3.4859	105	6.31	1	9.19E+01	89
501	10.497	-3.4859	105	10	1.59	1.45E+02	88.8
502	10.497	-3.4859	105	15.9	2.53	2.27E+02	88.6
503	10.497	-3.4859	105	25.1	3.99	3.50E+02	88.6
504	10.497	-3.4859	105	39.8	6.33	5.59E+02	87.4
505	10.497	-3.4859	105	63.1	10.04	8.72E+02	87.3
506	10.497	-3.4859	105	100	15.92	1.36E+03	86.7
507	10.497	-3.4859	115	1	0.16	6.66E+00	89.7
508	10.497	-3.4859	115	1.59	0.25	1.05E+01	89
509	10.497	-3.4859	115	2.51	0.4	1.66E+01	89.2
510	10.497	-3.4859	115	3.98	0.63	2.63E+01	89.3
511	10.497	-3.4859	115	6.31	1	4.15E+01	89.3
512	10.497	-3.4859	115	10	1.59	6.55E+01	89.3
513	10.497	-3.4859	115	15.9	2.53	1.03E+02	89
514	10.497	-3.4859	115	25.1	3.99	1.58E+02	87
515	10.497	-3.4859	115	39.8	6.33	2.57E+02	88.3
516	10.497	-3.4859	115	63.1	10.04	4.04E+02	88.5
517	10.497	-3.4859	115	100	15.92	6.32E+02	88.3
518	10.27	-3.3921	25	1	0.16	3.76E+06	50.6
519	10.27	-3.3921	25	1.59	0.25	4.86E+06	49.3
520	10.27	-3.3921	25	2.51	0.4	6.21E+06	47.8
521	10.27	-3.3921	25	3.98	0.63	7.90E+06	46.4
522	10.27	-3.3921	25	6.31	1	9.95E+06	45
523	10.27	-3.3921	25	10	1.59	1.24E+07	44.1
524	10.27	-3.3921	25	15.9	2.53	1.61E+07	42.5
525	10.27	-3.3921	25	25.1	3.99	1.98E+07	42
526	10.27	-3.3921	25	39.8	6.33	2.45E+07	40.7
527	10.27	-3.3921	35	1	0.16	7.98E+05	57.7
528	10.27	-3.3921	35	1.59	0.25	1.07E+06	56.6
529	10.27	-3.3921	35	2.51	0.4	1.42E+06	55.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
530	10.27	-3.3921	35	3.98	0.63	1.87E+06	54.3
531	10.27	-3.3921	35	6.31	1	2.46E+06	53.2
532	10.27	-3.3921	35	10	1.59	3.21E+06	52
533	10.27	-3.3921	35	15.9	2.53	4.25E+06	51.3
534	10.27	-3.3921	35	25.1	3.99	5.47E+06	50.2
535	10.27	-3.3921	35	39.8	6.33	7.03E+06	48.9
536	10.27	-3.3921	35	63.1	10.04	8.93E+06	47.8
537	10.27	-3.3921	35	100	15.92	1.13E+07	46.7
538	10.27	-3.3921	45	1	0.16	1.61E+05	64.4
539	10.27	-3.3921	45	1.59	0.25	2.22E+05	63.4
540	10.27	-3.3921	45	2.51	0.4	3.04E+05	62.5
541	10.27	-3.3921	45	3.98	0.63	4.14E+05	61.6
542	10.27	-3.3921	45	6.31	1	5.60E+05	60.8
543	10.27	-3.3921	45	10	1.59	7.51E+05	60
544	10.27	-3.3921	45	15.9	2.53	1.05E+06	58.6
545	10.27	-3.3921	45	25.1	3.99	1.41E+06	57.7
546	10.27	-3.3921	45	39.8	6.33	1.88E+06	56.6
547	10.27	-3.3921	45	63.1	10.04	2.50E+06	55.7
548	10.27	-3.3921	45	100	15.92	3.29E+06	54.8
549	10.27	-3.3921	60	1	0.16	1.37E+04	75.8
550	10.27	-3.3921	60	1.59	0.25	1.99E+04	74.1
551	10.27	-3.3921	60	2.51	0.4	2.88E+04	72.6
552	10.27	-3.3921	60	3.98	0.63	4.14E+04	71.5
553	10.27	-3.3921	60	6.31	1	5.94E+04	70.5
554	10.27	-3.3921	60	10	1.59	8.41E+04	69.4
555	10.27	-3.3921	60	15.9	2.53	1.28E+05	68.1
556	10.27	-3.3921	60	25.1	3.99	1.81E+05	66.8
557	10.27	-3.3921	60	39.8	6.33	2.47E+05	66.8
558	10.27	-3.3921	60	63.1	10.04	3.53E+05	67
559	10.27	-3.3921	60	100	15.92	5.01E+05	63.1
560	10.27	-3.3921	70	1	0.16	3.07E+03	80.9
561	10.27	-3.3921	70	1.59	0.25	4.62E+03	79.6
562	10.27	-3.3921	70	2.51	0.4	6.93E+03	78.3
563	10.27	-3.3921	70	3.98	0.63	1.03E+04	77
564	10.27	-3.3921	70	6.31	1	1.53E+04	75.6
565	10.27	-3.3921	70	10	1.59	2.24E+04	74.4
566	10.27	-3.3921	70	15.9	2.53	3.30E+04	74.2
567	10.27	-3.3921	70	25.1	3.99	4.74E+04	72.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
568	10.27	-3.3921	70	39.8	6.33	6.86E+04	71.9
569	10.27	-3.3921	70	63.1	10.04	9.81E+04	71.5
570	10.27	-3.3921	70	100	15.92	1.39E+05	70.4
571	10.27	-3.3921	80	1	0.16	7.53E+02	85
572	10.27	-3.3921	80	1.59	0.25	1.17E+03	84.1
573	10.27	-3.3921	80	2.51	0.4	1.79E+03	83.2
574	10.27	-3.3921	80	3.98	0.63	2.73E+03	82
575	10.27	-3.3921	80	6.31	1	4.13E+03	80.7
576	10.27	-3.3921	80	10	1.59	6.21E+03	79.5
577	10.27	-3.3921	80	15.9	2.53	9.29E+03	78.5
578	10.27	-3.3921	80	25.1	3.99	1.38E+04	77.3
579	10.27	-3.3921	80	39.8	6.33	2.03E+04	76.2
580	10.27	-3.3921	80	63.1	10.04	2.98E+04	75.2
581	10.27	-3.3921	80	100	15.92	4.32E+04	74.4
582	10.27	-3.3921	95	1	0.16	1.00E+02	85.4
583	10.27	-3.3921	95	1.59	0.25	1.59E+02	86.9
584	10.27	-3.3921	95	2.51	0.4	2.46E+02	86.1
585	10.27	-3.3921	95	3.98	0.63	3.83E+02	85.4
586	10.27	-3.3921	95	6.31	1	5.95E+02	85
587	10.27	-3.3921	95	10	1.59	9.19E+02	84.4
588	10.27	-3.3921	95	15.9	2.53	1.41E+03	84.2
589	10.27	-3.3921	95	25.1	3.99	2.18E+03	83.4
590	10.27	-3.3921	95	39.8	6.33	3.29E+03	82.6
591	10.27	-3.3921	95	63.1	10.04	4.98E+03	81.1
592	10.27	-3.3921	95	100	15.92	7.53E+03	80.7
593	10.27	-3.3921	105	1	0.16	3.70E+01	87.9
594	10.27	-3.3921	105	1.59	0.25	5.82E+01	88.1
595	10.27	-3.3921	105	2.51	0.4	9.10E+01	87.4
596	10.27	-3.3921	105	3.98	0.63	1.43E+02	86.7
597	10.27	-3.3921	105	6.31	1	2.22E+02	86.5
598	10.27	-3.3921	105	10	1.59	3.45E+02	86.2
599	10.27	-3.3921	105	15.9	2.53	5.37E+02	86.1
600	10.27	-3.3921	105	25.1	3.99	8.36E+02	85.1
601	10.27	-3.3921	105	39.8	6.33	1.30E+03	84.9
602	10.27	-3.3921	105	63.1	10.04	1.98E+03	84.5
603	10.27	-3.3921	105	100	15.92	3.03E+03	83.3
604	10.27	-3.3921	115	1	0.16	1.50E+01	88.6
605	10.27	-3.3921	115	1.59	0.25	2.42E+01	88.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
606	10.27	-3.3921	115	2.51	0.4	3.77E+01	87.8
607	10.27	-3.3921	115	3.98	0.63	5.90E+01	87.6
608	10.27	-3.3921	115	6.31	1	9.20E+01	87.3
609	10.27	-3.3921	115	10	1.59	1.44E+02	87.1
610	10.27	-3.3921	115	15.9	2.53	2.25E+02	86.7
611	10.27	-3.3921	115	25.1	3.99	3.50E+02	86.6
612	10.27	-3.3921	115	39.8	6.33	5.44E+02	86.3
613	10.27	-3.3921	115	63.1	10.04	8.47E+02	86
614	10.27	-3.3921	115	100	15.92	1.31E+03	85.5
615	9.8723	-3.2729	15	1	0.16	1.80E+06	62
616	9.8723	-3.2729	15	1.59	0.25	2.45E+06	60.5
617	9.8723	-3.2729	15	2.51	0.4	3.33E+06	59
618	9.8723	-3.2729	15	3.98	0.63	4.47E+06	57.5
619	9.8723	-3.2729	15	6.31	1	5.98E+06	55.8
620	9.8723	-3.2729	15	10	1.59	7.91E+06	54.4
621	9.8723	-3.2729	15	15.9	2.53	1.07E+07	53.3
622	9.8723	-3.2729	15	25.1	3.99	1.38E+07	51.6
623	9.8723	-3.2729	15	39.8	6.33	1.79E+07	49.3
624	9.8723	-3.2729	15	63.1	10.04	2.28E+07	48.3
625	9.8723	-3.2729	15	100	15.92	2.87E+07	46.2
626	9.8723	-3.2729	25	1	0.16	2.26E+05	68.2
627	9.8723	-3.2729	25	1.59	0.25	3.20E+05	67.4
628	9.8723	-3.2729	25	2.51	0.4	4.52E+05	66.5
629	9.8723	-3.2729	25	3.98	0.63	6.34E+05	65.5
630	9.8723	-3.2729	25	6.31	1	8.87E+05	64.5
631	9.8723	-3.2729	25	10	1.59	1.23E+06	63.3
632	9.8723	-3.2729	25	15.9	2.53	1.71E+06	62.3
633	9.8723	-3.2729	25	25.1	3.99	2.34E+06	61.1
634	9.8723	-3.2729	25	39.8	6.33	3.18E+06	59.8
635	9.8723	-3.2729	25	63.1	10.04	4.30E+06	58.5
636	9.8723	-3.2729	25	100	15.92	5.74E+06	57.2
637	9.8723	-3.2729	35	1	0.16	4.08E+04	72
638	9.8723	-3.2729	35	1.59	0.25	5.84E+04	71.3
639	9.8723	-3.2729	35	2.51	0.4	8.43E+04	70.8
640	9.8723	-3.2729	35	3.98	0.63	1.20E+05	70.1
641	9.8723	-3.2729	35	6.31	1	1.71E+05	69.6
642	9.8723	-3.2729	35	10	1.59	2.43E+05	69.1
643	9.8723	-3.2729	35	15.9	2.53	3.51E+05	68.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
644	9.8723	-3.2729	35	25.1	3.99	4.96E+05	67.5
645	9.8723	-3.2729	35	39.8	6.33	6.99E+05	66.8
646	9.8723	-3.2729	35	63.1	10.04	9.78E+05	66
647	9.8723	-3.2729	35	100	15.92	1.36E+06	65.1
648	9.8723	-3.2729	45	1	0.16	8.16E+03	75.7
649	9.8723	-3.2729	45	1.59	0.25	1.20E+04	75.2
650	9.8723	-3.2729	45	2.51	0.4	1.75E+04	74.5
651	9.8723	-3.2729	45	3.98	0.63	2.52E+04	73.8
652	9.8723	-3.2729	45	6.31	1	3.63E+04	73.3
653	9.8723	-3.2729	45	10	1.59	5.16E+04	73
654	9.8723	-3.2729	45	15.9	2.53	7.70E+04	72
655	9.8723	-3.2729	45	25.1	3.99	1.10E+05	71.6
656	9.8723	-3.2729	45	39.8	6.33	1.56E+05	71.3
657	9.8723	-3.2729	45	63.1	10.04	2.21E+05	71.1
658	9.8723	-3.2729	45	100	15.92	3.06E+05	70.8
659	9.8723	-3.2729	60	1	0.16	8.69E+02	81.4
660	9.8723	-3.2729	60	1.59	0.25	1.32E+03	80.5
661	9.8723	-3.2729	60	2.51	0.4	1.98E+03	79.6
662	9.8723	-3.2729	60	3.98	0.63	2.98E+03	78.8
663	9.8723	-3.2729	60	6.31	1	4.44E+03	77.9
664	9.8723	-3.2729	60	10	1.59	6.60E+03	77.1
665	9.8723	-3.2729	60	15.9	2.53	9.79E+03	76.5
666	9.8723	-3.2729	60	25.1	3.99	1.44E+04	75.8
667	9.8723	-3.2729	60	39.8	6.33	2.11E+04	75.4
668	9.8723	-3.2729	60	63.1	10.04	3.08E+04	74.9
669	9.8723	-3.2729	60	100	15.92	4.48E+04	74.6
670	9.8723	-3.2729	70	1	0.16	2.54E+02	83.6
671	9.8723	-3.2729	70	1.59	0.25	3.88E+02	83
672	9.8723	-3.2729	70	2.51	0.4	5.96E+02	82.4
673	9.8723	-3.2729	70	3.98	0.63	9.04E+02	81.5
674	9.8723	-3.2729	70	6.31	1	1.37E+03	80.6
675	9.8723	-3.2729	70	10	1.59	2.06E+03	79.9
676	9.8723	-3.2729	70	15.9	2.53	3.10E+03	79.2
677	9.8723	-3.2729	70	25.1	3.99	4.62E+03	78.3
678	9.8723	-3.2729	70	39.8	6.33	6.85E+03	77.7
679	9.8723	-3.2729	70	63.1	10.04	1.01E+04	77.2
680	9.8723	-3.2729	70	100	15.92	1.49E+04	76.7
681	9.8723	-3.2729	80	1	0.16	8.40E+01	85.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
682	9.8723	-3.2729	80	1.59	0.25	1.30E+02	84.9
683	9.8723	-3.2729	80	2.51	0.4	2.00E+02	84.5
684	9.8723	-3.2729	80	3.98	0.63	3.08E+02	84
685	9.8723	-3.2729	80	6.31	1	4.71E+02	83.2
686	9.8723	-3.2729	80	10	1.59	7.17E+02	82.5
687	9.8723	-3.2729	80	15.9	2.53	1.10E+03	81.3
688	9.8723	-3.2729	80	25.1	3.99	1.65E+03	80.7
689	9.8723	-3.2729	80	39.8	6.33	2.49E+03	79.8
690	9.8723	-3.2729	80	63.1	10.04	3.72E+03	79.2
691	9.8723	-3.2729	80	100	15.92	5.52E+03	78.6
692	9.8723	-3.2729	95	1	0.16	1.98E+01	86.1
693	9.8723	-3.2729	95	1.59	0.25	3.07E+01	85.7
694	9.8723	-3.2729	95	2.51	0.4	4.77E+01	85.7
695	9.8723	-3.2729	95	3.98	0.63	7.41E+01	86
696	9.8723	-3.2729	95	6.31	1	1.15E+02	85.2
697	9.8723	-3.2729	95	10	1.59	1.78E+02	84.7
698	9.8723	-3.2729	95	15.9	2.53	2.77E+02	85.2
699	9.8723	-3.2729	95	25.1	3.99	4.28E+02	83.2
700	9.8723	-3.2729	95	39.8	6.33	6.49E+02	83.3
701	9.8723	-3.2729	95	63.1	10.04	9.89E+02	82.7
702	9.8723	-3.2729	95	100	15.92	1.49E+03	81.8
703	9.8723	-3.2729	105	1	0.16	8.89E+00	83.9
704	9.8723	-3.2729	105	1.59	0.25	1.43E+01	86.7
705	9.8723	-3.2729	105	2.51	0.4	2.24E+01	86.4
706	9.8723	-3.2729	105	3.98	0.63	3.50E+01	86.4
707	9.8723	-3.2729	105	6.31	1	5.43E+01	86
708	9.8723	-3.2729	105	10	1.59	8.42E+01	85.7
709	9.8723	-3.2729	105	15.9	2.53	1.31E+02	85.4
710	9.8723	-3.2729	105	25.1	3.99	2.02E+02	84.9
711	9.8723	-3.2729	105	39.8	6.33	3.11E+02	84.3
712	9.8723	-3.2729	105	63.1	10.04	4.78E+02	83.7
713	9.8723	-3.2729	105	100	15.92	7.27E+02	83.1
714	9.8723	-3.2729	115	1	0.16	4.79E+00	87
715	9.8723	-3.2729	115	1.59	0.25	7.37E+00	87.1
716	9.8723	-3.2729	115	2.51	0.4	1.15E+01	86.7
717	9.8723	-3.2729	115	3.98	0.63	1.79E+01	86.7
718	9.8723	-3.2729	115	6.31	1	2.80E+01	86.7
719	9.8723	-3.2729	115	10	1.59	4.35E+01	86.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
720	9.8723	-3.2729	115	15.9	2.53	6.77E+01	86.3
721	9.8723	-3.2729	115	25.1	3.99	1.06E+02	84.8
722	9.8723	-3.2729	115	39.8	6.33	1.63E+02	85.2
723	9.8723	-3.2729	115	63.1	10.04	2.52E+02	84.9
724	9.8723	-3.2729	115	100	15.92	3.86E+02	84.2
725	9.7743	-3.227	25	1	0.16	5.30E+05	60.2
726	9.7743	-3.227	25	1.59	0.25	7.22E+05	59.5
727	9.7743	-3.227	25	2.51	0.4	9.75E+05	58.4
728	9.7743	-3.227	25	3.98	0.63	1.31E+06	57.4
729	9.7743	-3.227	25	6.31	1	1.76E+06	56.4
730	9.7743	-3.227	25	10	1.59	2.33E+06	55.4
731	9.7743	-3.227	25	15.9	2.53	3.10E+06	54.7
732	9.7743	-3.227	25	25.1	3.99	4.08E+06	53.6
733	9.7743	-3.227	25	39.8	6.33	5.34E+06	52.3
734	9.7743	-3.227	25	63.1	10.04	6.94E+06	51.3
735	9.7743	-3.227	25	100	15.92	8.92E+06	50.1
736	9.7743	-3.227	35	1	0.16	1.04E+05	65.1
737	9.7743	-3.227	35	1.59	0.25	1.45E+05	64.5
738	9.7743	-3.227	35	2.51	0.4	2.02E+05	63.9
739	9.7743	-3.227	35	3.98	0.63	2.79E+05	63.1
740	9.7743	-3.227	35	6.31	1	3.85E+05	62.6
741	9.7743	-3.227	35	10	1.59	5.27E+05	61.8
742	9.7743	-3.227	35	15.9	2.53	7.25E+05	61.1
743	9.7743	-3.227	35	25.1	3.99	9.86E+05	60.2
744	9.7743	-3.227	35	39.8	6.33	1.34E+06	59.4
745	9.7743	-3.227	35	63.1	10.04	1.80E+06	58.5
746	9.7743	-3.227	35	100	15.92	2.41E+06	57.7
747	9.7743	-3.227	45	1	0.16	2.24E+04	69.5
748	9.7743	-3.227	45	1.59	0.25	3.18E+04	68.7
749	9.7743	-3.227	45	2.51	0.4	4.50E+04	68
750	9.7743	-3.227	45	3.98	0.63	6.33E+04	67.4
751	9.7743	-3.227	45	6.31	1	8.85E+04	66.9
752	9.7743	-3.227	45	10	1.59	1.23E+05	66.5
753	9.7743	-3.227	45	15.9	2.53	1.76E+05	65.6
754	9.7743	-3.227	45	25.1	3.99	2.46E+05	65
755	9.7743	-3.227	45	39.8	6.33	3.41E+05	64.6
756	9.7743	-3.227	45	63.1	10.04	4.73E+05	64.2
757	9.7743	-3.227	45	100	15.92	6.49E+05	63.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
758	9.7743	-3.227	60	1	0.16	2.17E+03	77.6
759	9.7743	-3.227	60	1.59	0.25	3.21E+03	76.2
760	9.7743	-3.227	60	2.51	0.4	4.75E+03	75.2
761	9.7743	-3.227	60	3.98	0.63	6.91E+03	73.9
762	9.7743	-3.227	60	6.31	1	1.01E+04	73.3
763	9.7743	-3.227	60	10	1.59	1.46E+04	72.3
764	9.7743	-3.227	60	15.9	2.53	2.13E+04	72.3
765	9.7743	-3.227	60	25.1	3.99	3.05E+04	71.5
766	9.7743	-3.227	60	39.8	6.33	4.32E+04	71.1
767	9.7743	-3.227	60	63.1	10.04	6.21E+04	70.5
768	9.7743	-3.227	60	100	15.92	8.81E+04	70.2
769	9.7743	-3.227	70	1	0.16	6.11E+02	80.5
770	9.7743	-3.227	70	1.59	0.25	9.19E+02	79.5
771	9.7743	-3.227	70	2.51	0.4	1.38E+03	78.6
772	9.7743	-3.227	70	3.98	0.63	2.06E+03	77.7
773	9.7743	-3.227	70	6.31	1	3.05E+03	76.8
774	9.7743	-3.227	70	10	1.59	4.51E+03	76
775	9.7743	-3.227	70	15.9	2.53	6.63E+03	75.2
776	9.7743	-3.227	70	25.1	3.99	9.64E+03	74.4
777	9.7743	-3.227	70	39.8	6.33	1.41E+04	73.8
778	9.7743	-3.227	70	63.1	10.04	2.04E+04	73.2
779	9.7743	-3.227	70	100	15.92	2.94E+04	72.7
780	9.7743	-3.227	80	1	0.16	1.87E+02	83
781	9.7743	-3.227	80	1.59	0.25	2.87E+02	82.1
782	9.7743	-3.227	80	2.51	0.4	4.34E+02	81.5
783	9.7743	-3.227	80	3.98	0.63	6.55E+02	80.7
784	9.7743	-3.227	80	6.31	1	9.87E+02	79.9
785	9.7743	-3.227	80	10	1.59	1.48E+03	79
786	9.7743	-3.227	80	15.9	2.53	2.20E+03	78.1
787	9.7743	-3.227	80	25.1	3.99	3.28E+03	77.3
788	9.7743	-3.227	80	39.8	6.33	4.85E+03	76.4
789	9.7743	-3.227	80	63.1	10.04	7.13E+03	75.7
790	9.7743	-3.227	80	100	15.92	1.04E+04	75.2
791	9.7743	-3.227	95	1	0.16	3.84E+01	82.4
792	9.7743	-3.227	95	1.59	0.25	6.13E+01	81.6
793	9.7743	-3.227	95	2.51	0.4	9.55E+01	80.8
794	9.7743	-3.227	95	3.98	0.63	1.47E+02	80.1
795	9.7743	-3.227	95	6.31	1	2.25E+02	79.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
796	9.7743	-3.227	95	10	1.59	3.45E+02	78.7
797	9.7743	-3.227	95	15.9	2.53	5.26E+02	82.4
798	9.7743	-3.227	95	25.1	3.99	7.96E+02	83.3
799	9.7743	-3.227	95	39.8	6.33	1.20E+03	80.5
800	9.7743	-3.227	95	63.1	10.04	1.80E+03	80.6
801	9.7743	-3.227	95	100	15.92	2.67E+03	79.1
802	9.7743	-3.227	105	1	0.16	1.73E+01	85
803	9.7743	-3.227	105	1.59	0.25	2.67E+01	84.3
804	9.7743	-3.227	105	2.51	0.4	4.12E+01	85.2
805	9.7743	-3.227	105	3.98	0.63	6.38E+01	85.1
806	9.7743	-3.227	105	6.31	1	9.86E+01	84.4
807	9.7743	-3.227	105	10	1.59	1.52E+02	84
808	9.7743	-3.227	105	15.9	2.53	2.32E+02	84.1
809	9.7743	-3.227	105	25.1	3.99	3.59E+02	84.9
810	9.7743	-3.227	105	39.8	6.33	5.47E+02	82.4
811	9.7743	-3.227	105	63.1	10.04	8.29E+02	81.6
812	9.7743	-3.227	105	100	15.92	1.25E+03	80.8
813	9.7743	-3.227	115	1	0.16	8.49E+00	81.8
814	9.7743	-3.227	115	1.59	0.25	1.28E+01	88.3
815	9.7743	-3.227	115	2.51	0.4	1.99E+01	85.1
816	9.7743	-3.227	115	3.98	0.63	3.09E+01	85.6
817	9.7743	-3.227	115	6.31	1	4.76E+01	85.4
818	9.7743	-3.227	115	10	1.59	7.38E+01	84.9
819	9.7743	-3.227	115	15.9	2.53	1.15E+02	84.9
820	9.7743	-3.227	115	25.1	3.99	1.73E+02	83.7
821	9.7743	-3.227	115	39.8	6.33	2.69E+02	83.1
822	9.7743	-3.227	115	63.1	10.04	4.14E+02	82.8
823	9.7743	-3.227	115	100	15.92	6.25E+02	82.2
824	9.3668	-3.0681	25	1	0.16	1.37E+06	51.4
825	9.3668	-3.0681	25	1.59	0.25	1.79E+06	50.4
826	9.3668	-3.0681	25	2.51	0.4	2.31E+06	49.5
827	9.3668	-3.0681	25	3.98	0.63	2.97E+06	48.5
828	9.3668	-3.0681	25	6.31	1	3.79E+06	47.5
829	9.3668	-3.0681	25	10	1.59	4.81E+06	46.6
830	9.3668	-3.0681	25	15.9	2.53	6.15E+06	46.2
831	9.3668	-3.0681	25	25.1	3.99	7.77E+06	45.3
832	9.3668	-3.0681	25	39.8	6.33	9.70E+06	44.4
833	9.3668	-3.0681	25	63.1	10.04	1.21E+07	43.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
834	9.3668	-3.0681	25	100	15.92	1.49E+07	42.7
835	9.3668	-3.0681	35	1	0.16	3.20E+05	56.6
836	9.3668	-3.0681	35	1.59	0.25	4.26E+05	55.8
837	9.3668	-3.0681	35	2.51	0.4	5.64E+05	55.1
838	9.3668	-3.0681	35	3.98	0.63	7.47E+05	54.4
839	9.3668	-3.0681	35	6.31	1	9.83E+05	53.7
840	9.3668	-3.0681	35	10	1.59	1.29E+06	53
841	9.3668	-3.0681	35	15.9	2.53	1.70E+06	52.2
842	9.3668	-3.0681	35	25.1	3.99	2.21E+06	51.3
843	9.3668	-3.0681	35	39.8	6.33	2.86E+06	50.8
844	9.3668	-3.0681	35	63.1	10.04	3.68E+06	50.1
845	9.3668	-3.0681	35	100	15.92	4.72E+06	49.4
846	9.3668	-3.0681	45	1	0.16	7.62E+04	60.5
847	9.3668	-3.0681	45	1.59	0.25	1.03E+05	60.3
848	9.3668	-3.0681	45	2.51	0.4	1.40E+05	59.5
849	9.3668	-3.0681	45	3.98	0.63	1.88E+05	59
850	9.3668	-3.0681	45	6.31	1	2.53E+05	58.4
851	9.3668	-3.0681	45	10	1.59	3.38E+05	58
852	9.3668	-3.0681	45	15.9	2.53	4.59E+05	57.3
853	9.3668	-3.0681	45	25.1	3.99	6.15E+05	56.6
854	9.3668	-3.0681	45	39.8	6.33	8.18E+05	56.2
855	9.3668	-3.0681	45	63.1	10.04	1.09E+06	55.7
856	9.3668	-3.0681	45	100	15.92	1.43E+06	55.2
857	9.3668	-3.0681	60	1	0.16	8.53E+03	69.3
858	9.3668	-3.0681	60	1.59	0.25	1.21E+04	68.3
859	9.3668	-3.0681	60	2.51	0.4	1.71E+04	67.2
860	9.3668	-3.0681	60	3.98	0.63	2.39E+04	66.4
861	9.3668	-3.0681	60	6.31	1	3.34E+04	65.5
862	9.3668	-3.0681	60	10	1.59	4.64E+04	64.8
863	9.3668	-3.0681	60	15.9	2.53	6.67E+04	64.8
864	9.3668	-3.0681	60	25.1	3.99	9.22E+04	65
865	9.3668	-3.0681	60	39.8	6.33	1.26E+05	64.1
866	9.3668	-3.0681	60	63.1	10.04	1.74E+05	64
867	9.3668	-3.0681	70	1	0.16	2.41E+03	74.3
868	9.3668	-3.0681	70	1.59	0.25	3.52E+03	73.2
869	9.3668	-3.0681	70	2.51	0.4	5.09E+03	72.2
870	9.3668	-3.0681	70	3.98	0.63	7.33E+03	71
871	9.3668	-3.0681	70	6.31	1	1.05E+04	70

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
872	9.3668	-3.0681	70	10	1.59	1.49E+04	69
873	9.3668	-3.0681	70	15.9	2.53	2.10E+04	68.5
874	9.3668	-3.0681	70	25.1	3.99	2.97E+04	67.8
875	9.3668	-3.0681	70	39.8	6.33	4.15E+04	67.2
876	9.3668	-3.0681	70	63.1	10.04	5.84E+04	66.5
877	9.3668	-3.0681	70	100	15.92	8.11E+04	66.1
878	9.3668	-3.0681	80	1	0.16	7.07E+02	78.1
879	9.3668	-3.0681	80	1.59	0.25	1.05E+03	77.3
880	9.3668	-3.0681	80	2.51	0.4	1.56E+03	76.3
881	9.3668	-3.0681	80	3.98	0.63	2.30E+03	75.3
882	9.3668	-3.0681	80	6.31	1	3.36E+03	74.2
883	9.3668	-3.0681	80	10	1.59	4.89E+03	73.2
884	9.3668	-3.0681	80	15.9	2.53	7.10E+03	72.3
885	9.3668	-3.0681	80	25.1	3.99	1.02E+04	71.4
886	9.3668	-3.0681	80	39.8	6.33	1.46E+04	70.7
887	9.3668	-3.0681	80	63.1	10.04	2.08E+04	69.9
888	9.3668	-3.0681	80	100	15.92	2.94E+04	69.3
889	9.3668	-3.0681	95	1	0.16	1.13E+02	83
890	9.3668	-3.0681	95	1.59	0.25	1.68E+02	81.8
891	9.3668	-3.0681	95	2.51	0.4	2.56E+02	81.1
892	9.3668	-3.0681	95	3.98	0.63	3.85E+02	80.3
893	9.3668	-3.0681	95	6.31	1	5.79E+02	79.5
894	9.3668	-3.0681	95	10	1.59	8.68E+02	78.5
895	9.3668	-3.0681	95	15.9	2.53	1.33E+03	78.1
896	9.3668	-3.0681	95	25.1	3.99	2.00E+03	78.3
897	9.3668	-3.0681	95	39.8	6.33	2.92E+03	76.3
898	9.3668	-3.0681	95	63.1	10.04	4.26E+03	75.5
899	9.3668	-3.0681	95	100	15.92	6.18E+03	75.1
900	9.3668	-3.0681	105	1	0.16	4.43E+01	84.2
901	9.3668	-3.0681	105	1.59	0.25	6.65E+01	84.6
902	9.3668	-3.0681	105	2.51	0.4	1.03E+02	82.8
903	9.3668	-3.0681	105	3.98	0.63	1.59E+02	82.4
904	9.3668	-3.0681	105	6.31	1	2.41E+02	81.6
905	9.3668	-3.0681	105	10	1.59	3.67E+02	80.8
906	9.3668	-3.0681	105	15.9	2.53	5.63E+02	80.8
907	9.3668	-3.0681	105	25.1	3.99	8.42E+02	78.1
908	9.3668	-3.0681	105	39.8	6.33	1.27E+03	79.5
909	9.3668	-3.0681	105	63.1	10.04	1.81E+03	79.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
910	9.3668	-3.0681	105	100	15.92	2.76E+03	77.5
911	9.3668	-3.0681	115	1	0.16	1.95E+01	84.3
912	9.3668	-3.0681	115	1.59	0.25	2.97E+01	84.2
913	9.3668	-3.0681	115	2.51	0.4	4.55E+01	83.8
914	9.3668	-3.0681	115	3.98	0.63	7.03E+01	83.9
915	9.3668	-3.0681	115	6.31	1	1.08E+02	83.4
916	9.3668	-3.0681	115	10	1.59	1.66E+02	82.8
917	9.3668	-3.0681	115	15.9	2.53	2.54E+02	82.2
918	9.3668	-3.0681	115	25.1	3.99	3.76E+02	81.7
919	9.3668	-3.0681	115	39.8	6.33	5.82E+02	80.7
920	9.3668	-3.0681	115	63.1	10.04	8.73E+02	80
921	9.3668	-3.0681	115	100	15.92	1.30E+03	79.2
922	9.6774	-3.1877	15	1	0.16	2.93E+06	53.8
923	9.6774	-3.1877	15	1.59	0.25	3.85E+06	52.7
924	9.6774	-3.1877	15	2.51	0.4	4.99E+06	51.4
925	9.6774	-3.1877	15	3.98	0.63	6.48E+06	49.7
926	9.6774	-3.1877	15	6.31	1	8.24E+06	48
927	9.6774	-3.1877	15	10	1.59	1.05E+07	46.7
928	9.6774	-3.1877	15	15.9	2.53	1.35E+07	45.9
929	9.6774	-3.1877	15	25.1	3.99	1.70E+07	44.8
930	9.6774	-3.1877	15	39.8	6.33	2.09E+07	43.1
931	9.6774	-3.1877	15	63.1	10.04	2.59E+07	41.7
932	9.6774	-3.1877	25	1	0.16	4.44E+05	62.1
933	9.6774	-3.1877	25	1.59	0.25	6.05E+05	60.9
934	9.6774	-3.1877	25	2.51	0.4	8.27E+05	59.6
935	9.6774	-3.1877	25	3.98	0.63	1.12E+06	58.5
936	9.6774	-3.1877	25	6.31	1	1.50E+06	57.4
937	9.6774	-3.1877	25	10	1.59	2.01E+06	56.1
938	9.6774	-3.1877	25	15.9	2.53	2.68E+06	54.9
939	9.6774	-3.1877	25	25.1	3.99	3.52E+06	53.7
940	9.6774	-3.1877	25	39.8	6.33	4.61E+06	52.3
941	9.6774	-3.1877	25	63.1	10.04	5.97E+06	51.3
942	9.6774	-3.1877	25	100	15.92	7.67E+06	49.9
943	9.6774	-3.1877	35	1	0.16	8.02E+04	67.8
944	9.6774	-3.1877	35	1.59	0.25	1.13E+05	67
945	9.6774	-3.1877	35	2.51	0.4	1.57E+05	66.3
946	9.6774	-3.1877	35	3.98	0.63	2.20E+05	65.6
947	9.6774	-3.1877	35	6.31	1	3.05E+05	64.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
948	9.6774	-3.1877	35	10	1.59	4.21E+05	63.7
949	9.6774	-3.1877	35	15.9	2.53	5.87E+05	62.5
950	9.6774	-3.1877	35	25.1	3.99	8.06E+05	61.4
951	9.6774	-3.1877	35	39.8	6.33	1.10E+06	60.5
952	9.6774	-3.1877	35	63.1	10.04	1.48E+06	59.4
953	9.6774	-3.1877	35	100	15.92	1.98E+06	58.4
954	9.6774	-3.1877	45	1	0.16	1.54E+04	74
955	9.6774	-3.1877	45	1.59	0.25	2.21E+04	73.3
956	9.6774	-3.1877	45	2.51	0.4	3.17E+04	72.5
957	9.6774	-3.1877	45	3.98	0.63	4.50E+04	71.8
958	9.6774	-3.1877	45	6.31	1	6.40E+04	70.9
959	9.6774	-3.1877	45	10	1.59	8.97E+04	70.3
960	9.6774	-3.1877	45	15.9	2.53	1.33E+05	68.7
961	9.6774	-3.1877	45	25.1	3.99	1.87E+05	67.7
962	9.6774	-3.1877	45	39.8	6.33	2.62E+05	67.1
963	9.6774	-3.1877	45	63.1	10.04	3.65E+05	66.4
964	9.6774	-3.1877	45	100	15.92	5.05E+05	65.5
965	9.6774	-3.1877	60	1	0.16	2.07E+03	76.5
966	9.6774	-3.1877	60	1.59	0.25	3.03E+03	76.4
967	9.6774	-3.1877	60	2.51	0.4	4.43E+03	76.1
968	9.6774	-3.1877	60	3.98	0.63	6.48E+03	75.7
969	9.6774	-3.1877	60	6.31	1	9.45E+03	75.2
970	9.6774	-3.1877	60	10	1.59	1.37E+04	74.6
971	9.6774	-3.1877	60	15.9	2.53	2.05E+04	73.8
972	9.6774	-3.1877	60	25.1	3.99	2.96E+04	73.2
973	9.6774	-3.1877	60	39.8	6.33	4.28E+04	72.4
974	9.6774	-3.1877	60	63.1	10.04	6.16E+04	71.6
975	9.6774	-3.1877	60	100	15.92	8.79E+04	70.9
976	9.6774	-3.1877	70	1	0.16	6.20E+02	78.1
977	9.6774	-3.1877	70	1.59	0.25	9.03E+02	78.8
978	9.6774	-3.1877	70	2.51	0.4	1.33E+03	79.1
979	9.6774	-3.1877	70	3.98	0.63	1.97E+03	79.1
980	9.6774	-3.1877	70	6.31	1	2.90E+03	78.9
981	9.6774	-3.1877	70	10	1.59	4.25E+03	78.6
982	9.6774	-3.1877	70	15.9	2.53	6.45E+03	77.6
983	9.6774	-3.1877	70	25.1	3.99	9.55E+03	76.9
984	9.6774	-3.1877	70	39.8	6.33	1.41E+04	76.1
985	9.6774	-3.1877	70	63.1	10.04	2.06E+04	75.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
986	9.6774	-3.1877	70	100	15.92	2.99E+04	74.6
987	9.6774	-3.1877	80	1	0.16	2.06E+02	79
988	9.6774	-3.1877	80	1.59	0.25	3.01E+02	80.3
989	9.6774	-3.1877	80	2.51	0.4	4.47E+02	80.9
990	9.6774	-3.1877	80	3.98	0.63	6.63E+02	81.3
991	9.6774	-3.1877	80	6.31	1	9.79E+02	81.4
992	9.6774	-3.1877	80	10	1.59	1.44E+03	81.4
993	9.6774	-3.1877	80	15.9	2.53	2.26E+03	80.1
994	9.6774	-3.1877	80	25.1	3.99	3.38E+03	79.4
995	9.6774	-3.1877	80	39.8	6.33	5.04E+03	78.9
996	9.6774	-3.1877	80	63.1	10.04	7.49E+03	78.2
997	9.6774	-3.1877	80	100	15.92	1.10E+04	77.5
998	9.6774	-3.1877	95	1	0.16	1.49E+02	62.2
999	9.6774	-3.1877	95	1.59	0.25	2.01E+02	63.1
1000	9.6774	-3.1877	95	2.51	0.4	2.74E+02	63.8
1001	9.6774	-3.1877	95	3.98	0.63	3.73E+02	65
1002	9.6774	-3.1877	95	6.31	1	5.13E+02	65.9
1003	9.6774	-3.1877	95	10	1.59	7.14E+02	66.7
1004	9.6774	-3.1877	95	15.9	2.53	1.32E+03	61.6
1005	9.6774	-3.1877	95	25.1	3.99	1.77E+03	63.3
1006	9.6774	-3.1877	95	39.8	6.33	2.40E+03	64.5
1007	9.6774	-3.1877	95	63.1	10.04	3.28E+03	65.8
1008	9.6774	-3.1877	95	100	15.92	4.45E+03	66.5
1009	9.6774	-3.1877	105	1	0.16	1.58E+02	59.4
1010	9.6774	-3.1877	105	1.59	0.25	1.86E+02	61.4
1011	9.6774	-3.1877	105	2.51	0.4	2.37E+02	61.9
1012	9.6774	-3.1877	105	3.98	0.63	2.99E+02	63.2
1013	9.6774	-3.1877	105	6.31	1	3.87E+02	63.8
1014	9.6774	-3.1877	105	10	1.59	5.08E+02	64.3
1015	9.6774	-3.1877	105	15.9	2.53	8.39E+02	56.2
1016	9.6774	-3.1877	105	25.1	3.99	1.08E+03	56.8
1017	9.6774	-3.1877	105	39.8	6.33	1.43E+03	59.8
1018	9.6774	-3.1877	105	63.1	10.04	1.93E+03	61.3
1019	9.6774	-3.1877	105	100	15.92	2.59E+03	63.2
1020	9.6774	-3.1877	115	1	0.16	2.84E+01	61.1
1021	9.6774	-3.1877	115	1.59	0.25	3.51E+01	62.1
1022	9.6774	-3.1877	115	2.51	0.4	4.91E+01	65
1023	9.6774	-3.1877	115	3.98	0.63	6.72E+01	65.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1024	9.6774	-3.1877	115	6.31	1	9.28E+01	67
1025	9.6774	-3.1877	115	10	1.59	1.30E+02	68.1
1026	9.6774	-3.1877	115	15.9	2.53	1.89E+02	68.1
1027	9.6774	-3.1877	115	25.1	3.99	2.67E+02	69.3
1028	9.6774	-3.1877	115	39.8	6.33	3.82E+02	70.4
1029	9.6774	-3.1877	115	63.1	10.04	5.48E+02	71.4
1030	9.6774	-3.1877	115	100	15.92	7.87E+02	72.2
1031	9.3276	-3.0504	25	1	0.16	1.06E+06	51.8
1032	9.3276	-3.0504	25	1.59	0.25	1.37E+06	50.7
1033	9.3276	-3.0504	25	2.51	0.4	1.77E+06	49.7
1034	9.3276	-3.0504	25	3.98	0.63	2.28E+06	48.8
1035	9.3276	-3.0504	25	6.31	1	2.91E+06	47.8
1036	9.3276	-3.0504	25	10	1.59	3.70E+06	46.8
1037	9.3276	-3.0504	25	15.9	2.53	4.76E+06	46.2
1038	9.3276	-3.0504	25	25.1	3.99	5.97E+06	45.1
1039	9.3276	-3.0504	25	39.8	6.33	7.48E+06	44.3
1040	9.3276	-3.0504	25	63.1	10.04	9.31E+06	43.5
1041	9.3276	-3.0504	25	100	15.92	1.14E+07	42.5
1042	9.3276	-3.0504	35	1	0.16	2.39E+05	57.4
1043	9.3276	-3.0504	35	1.59	0.25	3.17E+05	56.8
1044	9.3276	-3.0504	35	2.51	0.4	4.20E+05	56
1045	9.3276	-3.0504	35	3.98	0.63	5.57E+05	55.4
1046	9.3276	-3.0504	35	6.31	1	7.32E+05	54.6
1047	9.3276	-3.0504	35	10	1.59	9.59E+05	53.8
1048	9.3276	-3.0504	35	15.9	2.53	1.29E+06	52.5
1049	9.3276	-3.0504	35	25.1	3.99	1.67E+06	51.4
1050	9.3276	-3.0504	35	39.8	6.33	2.17E+06	50.7
1051	9.3276	-3.0504	35	63.1	10.04	2.78E+06	49.9
1052	9.3276	-3.0504	35	100	15.92	3.56E+06	49.1
1053	9.3276	-3.0504	45	1	0.16	5.74E+04	62.1
1054	9.3276	-3.0504	45	1.59	0.25	7.75E+04	61.7
1055	9.3276	-3.0504	45	2.51	0.4	1.04E+05	61
1056	9.3276	-3.0504	45	3.98	0.63	1.41E+05	60.4
1057	9.3276	-3.0504	45	6.31	1	1.90E+05	59.9
1058	9.3276	-3.0504	45	10	1.59	2.54E+05	59.3
1059	9.3276	-3.0504	45	15.9	2.53	3.52E+05	57.9
1060	9.3276	-3.0504	45	25.1	3.99	4.68E+05	57.4
1061	9.3276	-3.0504	45	39.8	6.33	6.27E+05	56.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1062	9.3276	-3.0504	45	63.1	10.04	8.30E+05	55.9
1063	9.3276	-3.0504	45	100	15.92	1.09E+06	55.2
1064	9.3276	-3.0504	60	1	0.16	5.15E+03	68.5
1065	9.3276	-3.0504	60	1.59	0.25	7.21E+03	68.6
1066	9.3276	-3.0504	60	2.51	0.4	1.02E+04	68.6
1067	9.3276	-3.0504	60	3.98	0.63	1.43E+04	68.6
1068	9.3276	-3.0504	60	6.31	1	2.01E+04	68
1069	9.3276	-3.0504	60	10	1.59	2.82E+04	67.6
1070	9.3276	-3.0504	60	15.9	2.53	4.14E+04	67.2
1071	9.3276	-3.0504	60	25.1	3.99	5.76E+04	66.8
1072	9.3276	-3.0504	60	39.8	6.33	8.02E+04	66.6
1073	9.3276	-3.0504	60	63.1	10.04	1.11E+05	66.6
1074	9.3276	-3.0504	60	100	15.92	1.55E+05	66.2
1075	9.3276	-3.0504	70	1	0.16	3.33E+03	63.4
1076	9.3276	-3.0504	70	1.59	0.25	4.10E+03	64.6
1077	9.3276	-3.0504	70	2.51	0.4	5.17E+03	65.9
1078	9.3276	-3.0504	70	3.98	0.63	6.69E+03	66.7
1079	9.3276	-3.0504	70	6.31	1	8.82E+03	67.4
1080	9.3276	-3.0504	70	10	1.59	1.18E+04	67.9
1081	9.3276	-3.0504	70	15.9	2.53	1.82E+04	61.6
1082	9.3276	-3.0504	70	25.1	3.99	2.41E+04	62.7
1083	9.3276	-3.0504	70	39.8	6.33	3.27E+04	63.4
1084	9.3276	-3.0504	70	63.1	10.04	4.43E+04	64
1085	9.3276	-3.0504	70	100	15.92	6.04E+04	64.8
1086	9.3276	-3.0504	80	1	0.16	1.16E+03	72.8
1087	9.3276	-3.0504	80	1.59	0.25	1.41E+03	73.6
1088	9.3276	-3.0504	80	2.51	0.4	1.80E+03	73.9
1089	9.3276	-3.0504	80	3.98	0.63	2.35E+03	74.3
1090	9.3276	-3.0504	80	6.31	1	3.12E+03	74.4
1091	9.3276	-3.0504	80	10	1.59	4.19E+03	74.3
1092	9.3276	-3.0504	80	15.9	2.53	7.92E+03	65.3
1093	9.3276	-3.0504	80	25.1	3.99	1.04E+04	65.9
1094	9.3276	-3.0504	80	39.8	6.33	1.39E+04	66.1
1095	9.3276	-3.0504	80	63.1	10.04	1.87E+04	66.2
1096	9.3276	-3.0504	80	100	15.92	2.53E+04	66.2
1097	9.3276	-3.0504	95	1	0.16	5.49E+02	70.8
1098	9.3276	-3.0504	95	1.59	0.25	6.66E+02	71
1099	9.3276	-3.0504	95	2.51	0.4	8.45E+02	70.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1100	9.3276	-3.0504	95	3.98	0.63	1.08E+03	71.1
1101	9.3276	-3.0504	95	6.31	1	1.43E+03	71
1102	9.3276	-3.0504	95	10	1.59	1.88E+03	71.3
1103	9.3276	-3.0504	95	15.9	2.53	3.18E+03	71.3
1104	9.3276	-3.0504	95	25.1	3.99	4.25E+03	71
1105	9.3276	-3.0504	95	39.8	6.33	5.75E+03	70.9
1106	9.3276	-3.0504	95	63.1	10.04	7.89E+03	70.8
1107	9.3276	-3.0504	95	100	15.92	1.08E+04	70.4
1108	9.3276	-3.0504	105	1	0.16	3.38E+02	75.1
1109	9.3276	-3.0504	105	1.59	0.25	3.93E+02	74.7
1110	9.3276	-3.0504	105	2.51	0.4	4.86E+02	74.5
1111	9.3276	-3.0504	105	3.98	0.63	6.11E+02	74.5
1112	9.3276	-3.0504	105	6.31	1	7.74E+02	74.4
1113	9.3276	-3.0504	105	10	1.59	9.95E+02	74.6
1114	9.3276	-3.0504	105	15.9	2.53	2.50E+03	74.5
1115	9.3276	-3.0504	105	25.1	3.99	3.20E+03	73.9
1116	9.3276	-3.0504	105	39.8	6.33	4.11E+03	73.9
1117	9.3276	-3.0504	105	63.1	10.04	5.42E+03	73.3
1118	9.3276	-3.0504	105	100	15.92	7.20E+03	72.6
1119	9.3276	-3.0504	115	1	0.16	2.10E+02	82.6
1120	9.3276	-3.0504	115	1.59	0.25	2.51E+02	82.2
1121	9.3276	-3.0504	115	2.51	0.4	3.18E+02	81.6
1122	9.3276	-3.0504	115	3.98	0.63	4.02E+02	80.5
1123	9.3276	-3.0504	115	6.31	1	5.28E+02	79.4
1124	9.3276	-3.0504	115	10	1.59	6.85E+02	77.5
1125	9.3276	-3.0504	115	15.9	2.53	1.91E+03	74.8
1126	9.3276	-3.0504	115	25.1	3.99	2.43E+03	73.2
1127	9.3276	-3.0504	115	39.8	6.33	3.15E+03	71.6
1128	9.3276	-3.0504	115	63.1	10.04	4.07E+03	70
1129	9.3276	-3.0504	115	100	15.92	5.22E+03	68.1
1130	9.2042	-3.0011	25	1	0.16	2.63E+06	46.1
1131	9.2042	-3.0011	25	1.59	0.25	3.30E+06	45.2
1132	9.2042	-3.0011	25	2.51	0.4	4.16E+06	44.1
1133	9.2042	-3.0011	25	3.98	0.63	5.11E+06	42.6
1134	9.2042	-3.0011	25	6.31	1	6.36E+06	41.3
1135	9.2042	-3.0011	25	10	1.59	7.81E+06	40.6
1136	9.2042	-3.0011	25	15.9	2.53	9.75E+06	39.6
1137	9.2042	-3.0011	25	25.1	3.99	1.19E+07	39.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1138	9.2042	-3.0011	25	39.8	6.33	1.43E+07	38
1139	9.2042	-3.0011	25	63.1	10.04	1.73E+07	37.2
1140	9.2042	-3.0011	25	100	15.92	2.07E+07	36.4
1141	9.2042	-3.0011	35	1	0.16	6.41E+05	52.7
1142	9.2042	-3.0011	35	1.59	0.25	8.33E+05	51.7
1143	9.2042	-3.0011	35	2.51	0.4	1.08E+06	50.7
1144	9.2042	-3.0011	35	3.98	0.63	1.38E+06	49.6
1145	9.2042	-3.0011	35	6.31	1	1.77E+06	48.7
1146	9.2042	-3.0011	35	10	1.59	2.25E+06	47.7
1147	9.2042	-3.0011	35	15.9	2.53	2.93E+06	46.7
1148	9.2042	-3.0011	35	25.1	3.99	3.69E+06	45.7
1149	9.2042	-3.0011	35	39.8	6.33	4.63E+06	44.8
1150	9.2042	-3.0011	35	63.1	10.04	5.77E+06	43.9
1151	9.2042	-3.0011	35	100	15.92	7.13E+06	43.1
1152	9.2042	-3.0011	45	1	0.16	1.55E+05	58.4
1153	9.2042	-3.0011	45	1.59	0.25	2.07E+05	57.5
1154	9.2042	-3.0011	45	2.51	0.4	2.76E+05	56.8
1155	9.2042	-3.0011	45	3.98	0.63	3.65E+05	55.9
1156	9.2042	-3.0011	45	6.31	1	4.80E+05	55.1
1157	9.2042	-3.0011	45	10	1.59	6.29E+05	54.3
1158	9.2042	-3.0011	45	15.9	2.53	8.45E+05	52.9
1159	9.2042	-3.0011	45	25.1	3.99	1.10E+06	52.1
1160	9.2042	-3.0011	45	39.8	6.33	1.43E+06	51.2
1161	9.2042	-3.0011	45	63.1	10.04	1.84E+06	50.4
1162	9.2042	-3.0011	45	100	15.92	2.36E+06	49.6
1163	9.2042	-3.0011	60	1	0.16	2.23E+04	62.2
1164	9.2042	-3.0011	60	1.59	0.25	3.03E+04	61.4
1165	9.2042	-3.0011	60	2.51	0.4	4.10E+04	60.7
1166	9.2042	-3.0011	60	3.98	0.63	5.54E+04	59.9
1167	9.2042	-3.0011	60	6.31	1	7.47E+04	59
1168	9.2042	-3.0011	60	10	1.59	1.00E+05	58.5
1169	9.2042	-3.0011	60	15.9	2.53	1.46E+05	52.8
1170	9.2042	-3.0011	60	25.1	3.99	1.93E+05	56.6
1171	9.2042	-3.0011	60	39.8	6.33	2.54E+05	55.4
1172	9.2042	-3.0011	60	63.1	10.04	3.43E+05	56
1173	9.2042	-3.0011	60	100	15.92	4.55E+05	54.8
1174	9.2042	-3.0011	70	1	0.16	6.89E+03	65.9
1175	9.2042	-3.0011	70	1.59	0.25	9.54E+03	65.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1176	9.2042	-3.0011	70	2.51	0.4	1.32E+04	65
1177	9.2042	-3.0011	70	3.98	0.63	1.83E+04	64.3
1178	9.2042	-3.0011	70	6.31	1	2.51E+04	63.5
1179	9.2042	-3.0011	70	10	1.59	3.44E+04	62.6
1180	9.2042	-3.0011	70	15.9	2.53	4.94E+04	61.5
1181	9.2042	-3.0011	70	25.1	3.99	6.66E+04	61.7
1182	9.2042	-3.0011	70	39.8	6.33	9.12E+04	60.6
1183	9.2042	-3.0011	70	63.1	10.04	1.23E+05	60.2
1184	9.2042	-3.0011	70	100	15.92	1.66E+05	59.7
1185	9.2042	-3.0011	80	1	0.16	2.48E+03	67.6
1186	9.2042	-3.0011	80	1.59	0.25	3.42E+03	67.7
1187	9.2042	-3.0011	80	2.51	0.4	4.75E+03	67.8
1188	9.2042	-3.0011	80	3.98	0.63	6.63E+03	67.3
1189	9.2042	-3.0011	80	6.31	1	9.24E+03	66.8
1190	9.2042	-3.0011	80	10	1.59	1.29E+04	66.3
1191	9.2042	-3.0011	80	15.9	2.53	1.87E+04	64.5
1192	9.2042	-3.0011	80	25.1	3.99	2.59E+04	63.8
1193	9.2042	-3.0011	80	39.8	6.33	3.55E+04	63.2
1194	9.2042	-3.0011	80	63.1	10.04	4.85E+04	62.7
1195	9.2042	-3.0011	80	100	15.92	6.61E+04	62.1
1196	9.2042	-3.0011	95	1	0.16	6.83E+02	59.5
1197	9.2042	-3.0011	95	1.59	0.25	9.12E+02	60.8
1198	9.2042	-3.0011	95	2.51	0.4	1.23E+03	61.9
1199	9.2042	-3.0011	95	3.98	0.63	1.67E+03	63.3
1200	9.2042	-3.0011	95	6.31	1	2.29E+03	64.1
1201	9.2042	-3.0011	95	10	1.59	3.14E+03	65.1
1202	9.2042	-3.0011	95	15.9	2.53	4.59E+03	64.6
1203	9.2042	-3.0011	95	25.1	3.99	6.38E+03	66.2
1204	9.2042	-3.0011	95	39.8	6.33	8.83E+03	66.5
1205	9.2042	-3.0011	95	63.1	10.04	1.24E+04	66.6
1206	9.2042	-3.0011	95	100	15.92	1.73E+04	66.6
1207	9.2042	-3.0011	105	1	0.16	3.15E+02	60.1
1208	9.2042	-3.0011	105	1.59	0.25	4.09E+02	61.5
1209	9.2042	-3.0011	105	2.51	0.4	5.38E+02	63.1
1210	9.2042	-3.0011	105	3.98	0.63	7.31E+02	64.4
1211	9.2042	-3.0011	105	6.31	1	9.97E+02	66
1212	9.2042	-3.0011	105	10	1.59	1.37E+03	67.3
1213	9.2042	-3.0011	105	15.9	2.53	2.00E+03	67.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1214	9.2042	-3.0011	105	25.1	3.99	2.80E+03	68
1215	9.2042	-3.0011	105	39.8	6.33	3.93E+03	68.6
1216	9.2042	-3.0011	105	63.1	10.04	5.57E+03	68.7
1217	9.2042	-3.0011	105	100	15.92	7.85E+03	69.1
1218	9.2042	-3.0011	115	1	0.16	7.13E+01	63.7
1219	9.2042	-3.0011	115	1.59	0.25	9.68E+01	66.7
1220	9.2042	-3.0011	115	2.51	0.4	1.34E+02	69.3
1221	9.2042	-3.0011	115	3.98	0.63	1.91E+02	71.3
1222	9.2042	-3.0011	115	6.31	1	2.72E+02	72.9
1223	9.2042	-3.0011	115	10	1.59	3.94E+02	74
1224	9.2042	-3.0011	115	15.9	2.53	6.03E+02	72.4
1225	9.2042	-3.0011	115	25.1	3.99	8.77E+02	72.4
1226	9.2042	-3.0011	115	39.8	6.33	1.27E+03	73.2
1227	9.2042	-3.0011	115	63.1	10.04	1.85E+03	73
1228	9.2042	-3.0011	115	100	15.92	2.67E+03	72.6
1229	9.6682	-3.1925	15	1	0.16	2.69E+06	55.8
1230	9.6682	-3.1925	15	1.59	0.25	3.56E+06	54.4
1231	9.6682	-3.1925	15	2.51	0.4	4.69E+06	53
1232	9.6682	-3.1925	15	3.98	0.63	6.11E+06	51.7
1233	9.6682	-3.1925	15	6.31	1	7.92E+06	50.1
1234	9.6682	-3.1925	15	10	1.59	1.02E+07	48.8
1235	9.6682	-3.1925	25	1	0.16	3.72E+05	61.8
1236	9.6682	-3.1925	25	1.59	0.25	5.09E+05	61.6
1237	9.6682	-3.1925	25	2.51	0.4	6.96E+05	61
1238	9.6682	-3.1925	25	3.98	0.63	9.50E+05	60
1239	9.6682	-3.1925	25	6.31	1	1.29E+06	59
1240	9.6682	-3.1925	25	10	1.59	1.74E+06	58.2
1241	9.6682	-3.1925	25	15.9	2.53	2.35E+06	57.2
1242	9.6682	-3.1925	25	25.1	3.99	3.14E+06	56.1
1243	9.6682	-3.1925	25	39.8	6.33	4.18E+06	55.1
1244	9.6682	-3.1925	25	63.1	10.04	5.48E+06	53.6
1245	9.6682	-3.1925	25	100	15.92	7.14E+06	52.7
1246	9.6682	-3.1925	35	1	0.16	7.25E+04	64.1
1247	9.6682	-3.1925	35	1.59	0.25	1.01E+05	64.1
1248	9.6682	-3.1925	35	2.51	0.4	1.40E+05	64
1249	9.6682	-3.1925	35	3.98	0.63	1.94E+05	63.9
1250	9.6682	-3.1925	35	6.31	1	2.69E+05	63.5
1251	9.6682	-3.1925	35	10	1.59	3.71E+05	63.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1252	9.6682	-3.1925	35	15.9	2.53	5.15E+05	62.7
1253	9.6682	-3.1925	35	25.1	3.99	7.07E+05	62.2
1254	9.6682	-3.1925	35	39.8	6.33	9.68E+05	61.7
1255	9.6682	-3.1925	35	63.1	10.04	1.32E+06	61.1
1256	9.6682	-3.1925	35	100	15.92	1.78E+06	60.4
1257	9.6682	-3.1925	45	1	0.16	1.60E+04	66.6
1258	9.6682	-3.1925	45	1.59	0.25	2.24E+04	66.3
1259	9.6682	-3.1925	45	2.51	0.4	3.14E+04	66
1260	9.6682	-3.1925	45	3.98	0.63	4.35E+04	65.9
1261	9.6682	-3.1925	45	6.31	1	6.06E+04	65.8
1262	9.6682	-3.1925	45	10	1.59	8.41E+04	65.9
1263	9.6682	-3.1925	45	15.9	2.53	1.18E+05	65.7
1264	9.6682	-3.1925	45	25.1	3.99	1.63E+05	65.7
1265	9.6682	-3.1925	45	39.8	6.33	2.25E+05	65.8
1266	9.6682	-3.1925	45	63.1	10.04	3.08E+05	65.9
1267	9.6682	-3.1925	45	100	15.92	4.15E+05	66.1
1268	9.6682	-3.1925	60	1	0.16	1.82E+03	72
1269	9.6682	-3.1925	60	1.59	0.25	2.63E+03	71.3
1270	9.6682	-3.1925	60	2.51	0.4	3.76E+03	70.4
1271	9.6682	-3.1925	60	3.98	0.63	5.36E+03	69.7
1272	9.6682	-3.1925	60	6.31	1	7.63E+03	69.2
1273	9.6682	-3.1925	60	10	1.59	1.08E+04	68.8
1274	9.6682	-3.1925	60	15.9	2.53	1.53E+04	68.4
1275	9.6682	-3.1925	60	25.1	3.99	2.17E+04	68.3
1276	9.6682	-3.1925	60	39.8	6.33	3.06E+04	68.2
1277	9.6682	-3.1925	60	63.1	10.04	4.32E+04	68.3
1278	9.6682	-3.1925	60	100	15.92	6.08E+04	68.5
1279	9.6682	-3.1925	70	1	0.16	5.39E+02	76.5
1280	9.6682	-3.1925	70	1.59	0.25	7.97E+02	75.7
1281	9.6682	-3.1925	70	2.51	0.4	1.17E+03	74.5
1282	9.6682	-3.1925	70	3.98	0.63	1.70E+03	73.4
1283	9.6682	-3.1925	70	6.31	1	2.45E+03	72.4
1284	9.6682	-3.1925	70	10	1.59	3.53E+03	71.5
1285	9.6682	-3.1925	70	15.9	2.53	5.07E+03	70.8
1286	9.6682	-3.1925	70	25.1	3.99	7.25E+03	70.3
1287	9.6682	-3.1925	70	39.8	6.33	1.03E+04	69.9
1288	9.6682	-3.1925	70	63.1	10.04	1.46E+04	69.8
1289	9.6682	-3.1925	70	100	15.92	2.07E+04	69.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1290	9.6682	-3.1925	80	1	0.16	1.83E+02	82.9
1291	9.6682	-3.1925	80	1.59	0.25	2.77E+02	81.6
1292	9.6682	-3.1925	80	2.51	0.4	4.18E+02	80.3
1293	9.6682	-3.1925	80	3.98	0.63	6.26E+02	78.4
1294	9.6682	-3.1925	80	6.31	1	9.30E+02	77.3
1295	9.6682	-3.1925	80	10	1.59	1.37E+03	76
1296	9.6682	-3.1925	80	15.9	2.53	2.01E+03	74.7
1297	9.6682	-3.1925	80	25.1	3.99	2.92E+03	73.7
1298	9.6682	-3.1925	80	39.8	6.33	4.22E+03	73
1299	9.6682	-3.1925	80	63.1	10.04	6.09E+03	72.5
1300	9.6682	-3.1925	80	100	15.92	8.72E+03	72
1301	9.6682	-3.1925	95	1	0.16	3.79E+01	87.9
1302	9.6682	-3.1925	95	1.59	0.25	6.06E+01	87.2
1303	9.6682	-3.1925	95	2.51	0.4	9.50E+01	85.3
1304	9.6682	-3.1925	95	3.98	0.63	1.47E+02	84.6
1305	9.6682	-3.1925	95	6.31	1	2.26E+02	83.4
1306	9.6682	-3.1925	95	10	1.59	3.46E+02	82
1307	9.6682	-3.1925	95	15.9	2.53	5.19E+02	80.7
1308	9.6682	-3.1925	95	25.1	3.99	7.75E+02	79.3
1309	9.6682	-3.1925	95	39.8	6.33	1.16E+03	77.8
1310	9.6682	-3.1925	95	63.1	10.04	1.71E+03	77
1311	9.6682	-3.1925	95	100	15.92	2.51E+03	76
1312	9.6682	-3.1925	105	1	0.16	1.61E+01	88.8
1313	9.6682	-3.1925	105	1.59	0.25	2.62E+01	89.1
1314	9.6682	-3.1925	105	2.51	0.4	4.09E+01	88.1
1315	9.6682	-3.1925	105	3.98	0.63	6.41E+01	87.3
1316	9.6682	-3.1925	105	6.31	1	1.00E+02	86.4
1317	9.6682	-3.1925	105	10	1.59	1.56E+02	85.3
1318	9.6682	-3.1925	105	15.9	2.53	2.37E+02	83.4
1319	9.6682	-3.1925	105	25.1	3.99	3.81E+02	83.3
1320	9.6682	-3.1925	105	39.8	6.33	5.58E+02	81.4
1321	9.6682	-3.1925	105	63.1	10.04	8.43E+02	80.3
1322	9.6682	-3.1925	105	100	15.92	1.25E+03	79
1323	9.6682	-3.1925	115	1	0.16	7.88E+00	89.8
1324	9.6682	-3.1925	115	1.59	0.25	1.23E+01	89.3
1325	9.6682	-3.1925	115	2.51	0.4	1.96E+01	89.2
1326	9.6682	-3.1925	115	3.98	0.63	3.08E+01	88.6
1327	9.6682	-3.1925	115	6.31	1	4.85E+01	88

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1328	9.6682	-3.1925	115	10	1.59	7.63E+01	87.3
1329	9.6682	-3.1925	115	15.9	2.53	1.19E+02	86.4
1330	9.6682	-3.1925	115	25.1	3.99	1.86E+02	86.1
1331	9.6682	-3.1925	115	39.8	6.33	2.87E+02	84.5
1332	9.6682	-3.1925	115	63.1	10.04	4.38E+02	83.5
1333	9.6682	-3.1925	115	100	15.92	6.65E+02	81.7
1334	9.4431	-3.103	25	1	0.16	7.26E+05	56.7
1335	9.4431	-3.103	25	1.59	0.25	9.70E+05	56.1
1336	9.4431	-3.103	25	2.51	0.4	1.29E+06	55
1337	9.4431	-3.103	25	3.98	0.63	1.70E+06	54.1
1338	9.4431	-3.103	25	6.31	1	2.24E+06	53.2
1339	9.4431	-3.103	25	10	1.59	2.94E+06	52.1
1340	9.4431	-3.103	25	15.9	2.53	3.86E+06	51.5
1341	9.4431	-3.103	25	25.1	3.99	5.04E+06	50
1342	9.4431	-3.103	25	39.8	6.33	6.45E+06	49.2
1343	9.4431	-3.103	25	63.1	10.04	8.18E+06	48.3
1344	9.4431	-3.103	25	100	15.92	1.03E+07	47.2
1345	9.4431	-3.103	35	1	0.16	1.52E+05	59.9
1346	9.4431	-3.103	35	1.59	0.25	2.05E+05	59.7
1347	9.4431	-3.103	35	2.51	0.4	2.78E+05	59.6
1348	9.4431	-3.103	35	3.98	0.63	3.77E+05	58.9
1349	9.4431	-3.103	35	6.31	1	5.09E+05	58.4
1350	9.4431	-3.103	35	10	1.59	6.86E+05	58
1351	9.4431	-3.103	35	15.9	2.53	9.26E+05	57.5
1352	9.4431	-3.103	35	25.1	3.99	1.24E+06	56.8
1353	9.4431	-3.103	35	39.8	6.33	1.65E+06	56.1
1354	9.4431	-3.103	35	63.1	10.04	2.19E+06	55.4
1355	9.4431	-3.103	35	100	15.92	2.87E+06	54.5
1356	9.4431	-3.103	45	1	0.16	3.53E+04	62
1357	9.4431	-3.103	45	1.59	0.25	4.84E+04	61.8
1358	9.4431	-3.103	45	2.51	0.4	6.61E+04	61.3
1359	9.4431	-3.103	45	3.98	0.63	9.01E+04	61.2
1360	9.4431	-3.103	45	6.31	1	1.23E+05	61.1
1361	9.4431	-3.103	45	10	1.59	1.67E+05	61.2
1362	9.4431	-3.103	45	15.9	2.53	2.31E+05	60.8
1363	9.4431	-3.103	45	25.1	3.99	3.15E+05	60.8
1364	9.4431	-3.103	45	39.8	6.33	4.28E+05	60.4
1365	9.4431	-3.103	45	63.1	10.04	5.82E+05	60.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1366	9.4431	-3.103	45	100	15.92	7.86E+05	60
1367	9.4431	-3.103	60	1	0.16	4.06E+03	66.5
1368	9.4431	-3.103	60	1.59	0.25	5.68E+03	65.8
1369	9.4431	-3.103	60	2.51	0.4	7.92E+03	65.3
1370	9.4431	-3.103	60	3.98	0.63	1.10E+04	64.9
1371	9.4431	-3.103	60	6.31	1	1.53E+04	64.5
1372	9.4431	-3.103	60	10	1.59	2.12E+04	64.3
1373	9.4431	-3.103	60	15.9	2.53	2.97E+04	64.9
1374	9.4431	-3.103	60	25.1	3.99	4.11E+04	65
1375	9.4431	-3.103	60	39.8	6.33	5.67E+04	64.7
1376	9.4431	-3.103	60	63.1	10.04	7.87E+04	65
1377	9.4431	-3.103	60	100	15.92	1.09E+05	65.2
1378	9.4431	-3.103	70	1	0.16	1.33E+03	70.9
1379	9.4431	-3.103	70	1.59	0.25	1.90E+03	69.7
1380	9.4431	-3.103	70	2.51	0.4	2.70E+03	68.8
1381	9.4431	-3.103	70	3.98	0.63	3.82E+03	67.9
1382	9.4431	-3.103	70	6.31	1	5.37E+03	67.2
1383	9.4431	-3.103	70	10	1.59	7.54E+03	66.6
1384	9.4431	-3.103	70	15.9	2.53	1.06E+04	66.9
1385	9.4431	-3.103	70	25.1	3.99	1.46E+04	66.6
1386	9.4431	-3.103	70	39.8	6.33	2.05E+04	66.2
1387	9.4431	-3.103	70	63.1	10.04	2.86E+04	66.2
1388	9.4431	-3.103	70	100	15.92	3.98E+04	66.2
1389	9.4431	-3.103	80	1	0.16	4.36E+02	76.8
1390	9.4431	-3.103	80	1.59	0.25	6.41E+02	75.2
1391	9.4431	-3.103	80	2.51	0.4	9.39E+02	73.6
1392	9.4431	-3.103	80	3.98	0.63	1.35E+03	72.3
1393	9.4431	-3.103	80	6.31	1	1.95E+03	71.2
1394	9.4431	-3.103	80	10	1.59	2.79E+03	70.2
1395	9.4431	-3.103	80	15.9	2.53	3.96E+03	69.5
1396	9.4431	-3.103	80	25.1	3.99	5.63E+03	68.6
1397	9.4431	-3.103	80	39.8	6.33	7.94E+03	68.3
1398	9.4431	-3.103	80	63.1	10.04	1.12E+04	68
1399	9.4431	-3.103	80	100	15.92	1.57E+04	67.9
1400	9.4431	-3.103	95	1	0.16	8.74E+01	84
1401	9.4431	-3.103	95	1.59	0.25	1.35E+02	82.7
1402	9.4431	-3.103	95	2.51	0.4	2.05E+02	81.1
1403	9.4431	-3.103	95	3.98	0.63	3.09E+02	79.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1404	9.4431	-3.103	95	6.31	1	4.62E+02	78
1405	9.4431	-3.103	95	10	1.59	6.85E+02	76.5
1406	9.4431	-3.103	95	15.9	2.53	1.01E+03	75.7
1407	9.4431	-3.103	95	25.1	3.99	1.47E+03	74.2
1408	9.4431	-3.103	95	39.8	6.33	2.13E+03	73.1
1409	9.4431	-3.103	95	63.1	10.04	3.07E+03	72.4
1410	9.4431	-3.103	95	100	15.92	4.40E+03	71.7
1411	9.4431	-3.103	105	1	0.16	3.49E+01	87.1
1412	9.4431	-3.103	105	1.59	0.25	5.45E+01	86.3
1413	9.4431	-3.103	105	2.51	0.4	8.42E+01	85.5
1414	9.4431	-3.103	105	3.98	0.63	1.31E+02	83.8
1415	9.4431	-3.103	105	6.31	1	2.00E+02	82.4
1416	9.4431	-3.103	105	10	1.59	3.04E+02	80.8
1417	9.4431	-3.103	105	15.9	2.53	4.57E+02	79.2
1418	9.4431	-3.103	105	25.1	3.99	6.80E+02	77.9
1419	9.4431	-3.103	105	39.8	6.33	1.01E+03	76.6
1420	9.4431	-3.103	105	63.1	10.04	1.48E+03	75.5
1421	9.4431	-3.103	105	100	15.92	2.14E+03	74.5
1422	9.4431	-3.103	115	1	0.16	1.52E+01	87.7
1423	9.4431	-3.103	115	1.59	0.25	2.43E+01	88
1424	9.4431	-3.103	115	2.51	0.4	3.77E+01	87.3
1425	9.4431	-3.103	115	3.98	0.63	5.88E+01	86.5
1426	9.4431	-3.103	115	6.31	1	9.14E+01	85.5
1427	9.4431	-3.103	115	10	1.59	1.42E+02	84.1
1428	9.4431	-3.103	115	15.9	2.53	2.17E+02	83.5
1429	9.4431	-3.103	115	25.1	3.99	3.54E+02	81.1
1430	9.4431	-3.103	115	39.8	6.33	4.99E+02	80.1
1431	9.4431	-3.103	115	63.1	10.04	7.41E+02	79.1
1432	9.4431	-3.103	115	100	15.92	1.11E+03	77.8
1433	9.0423	-2.9459	25	1	0.16	2.29E+06	48.6
1434	9.0423	-2.9459	25	1.59	0.25	2.92E+06	47.6
1435	9.0423	-2.9459	25	2.51	0.4	3.70E+06	46.7
1436	9.0423	-2.9459	25	3.98	0.63	4.68E+06	45.4
1437	9.0423	-2.9459	25	6.31	1	5.86E+06	44.7
1438	9.0423	-2.9459	25	10	1.59	7.36E+06	43.7
1439	9.0423	-2.9459	25	15.9	2.53	9.37E+06	42.7
1440	9.0423	-2.9459	25	25.1	3.99	1.15E+07	41.9
1441	9.0423	-2.9459	25	39.8	6.33	1.42E+07	40.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1442	9.0423	-2.9459	25	63.1	10.04	1.72E+07	39.4
1443	9.0423	-2.9459	25	100	15.92	2.11E+07	38.7
1444	9.0423	-2.9459	35	1	0.16	5.43E+05	53
1445	9.0423	-2.9459	35	1.59	0.25	7.11E+05	52.4
1446	9.0423	-2.9459	35	2.51	0.4	9.28E+05	51.7
1447	9.0423	-2.9459	35	3.98	0.63	1.20E+06	51
1448	9.0423	-2.9459	35	6.31	1	1.56E+06	50.2
1449	9.0423	-2.9459	35	10	1.59	2.01E+06	49.5
1450	9.0423	-2.9459	35	15.9	2.53	2.61E+06	49.2
1451	9.0423	-2.9459	35	25.1	3.99	3.32E+06	48.4
1452	9.0423	-2.9459	35	39.8	6.33	4.24E+06	47.7
1453	9.0423	-2.9459	35	63.1	10.04	5.37E+06	46.8
1454	9.0423	-2.9459	35	100	15.92	6.76E+06	46.2
1455	9.0423	-2.9459	45	1	0.16	1.35E+05	55.7
1456	9.0423	-2.9459	45	1.59	0.25	1.78E+05	55.3
1457	9.0423	-2.9459	45	2.51	0.4	2.35E+05	55
1458	9.0423	-2.9459	45	3.98	0.63	3.11E+05	54.7
1459	9.0423	-2.9459	45	6.31	1	4.10E+05	54.5
1460	9.0423	-2.9459	45	10	1.59	5.36E+05	54.2
1461	9.0423	-2.9459	45	15.9	2.53	7.22E+05	53.6
1462	9.0423	-2.9459	45	25.1	3.99	9.46E+05	53.2
1463	9.0423	-2.9459	45	39.8	6.33	1.24E+06	52.7
1464	9.0423	-2.9459	45	63.1	10.04	1.62E+06	52.3
1465	9.0423	-2.9459	45	100	15.92	2.09E+06	51.8
1466	9.0423	-2.9459	60	1	0.16	1.53E+04	59.4
1467	9.0423	-2.9459	60	1.59	0.25	2.06E+04	59.2
1468	9.0423	-2.9459	60	2.51	0.4	2.77E+04	58.4
1469	9.0423	-2.9459	60	3.98	0.63	3.71E+04	58.5
1470	9.0423	-2.9459	60	6.31	1	4.99E+04	58.3
1471	9.0423	-2.9459	60	10	1.59	6.72E+04	58.5
1472	9.0423	-2.9459	60	15.9	2.53	9.16E+04	58.5
1473	9.0423	-2.9459	60	25.1	3.99	1.24E+05	58.2
1474	9.0423	-2.9459	60	39.8	6.33	1.66E+05	58.4
1475	9.0423	-2.9459	60	63.1	10.04	2.23E+05	58.5
1476	9.0423	-2.9459	60	100	15.92	3.03E+05	59
1477	9.0423	-2.9459	70	1	0.16	5.09E+03	61.8
1478	9.0423	-2.9459	70	1.59	0.25	6.94E+03	61.2
1479	9.0423	-2.9459	70	2.51	0.4	9.48E+03	60.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1480	9.0423	-2.9459	70	3.98	0.63	1.29E+04	60.2
1481	9.0423	-2.9459	70	6.31	1	1.75E+04	59.9
1482	9.0423	-2.9459	70	10	1.59	2.36E+04	59.7
1483	9.0423	-2.9459	70	15.9	2.53	3.25E+04	60.5
1484	9.0423	-2.9459	70	25.1	3.99	4.41E+04	60.6
1485	9.0423	-2.9459	70	39.8	6.33	5.91E+04	60.3
1486	9.0423	-2.9459	70	63.1	10.04	8.05E+04	61.1
1487	9.0423	-2.9459	70	100	15.92	1.09E+05	61.1
1488	9.0423	-2.9459	80	1	0.16	1.73E+03	66.7
1489	9.0423	-2.9459	80	1.59	0.25	2.42E+03	65.7
1490	9.0423	-2.9459	80	2.51	0.4	3.37E+03	64.7
1491	9.0423	-2.9459	80	3.98	0.63	4.66E+03	63.7
1492	9.0423	-2.9459	80	6.31	1	6.42E+03	63
1493	9.0423	-2.9459	80	10	1.59	8.82E+03	62.5
1494	9.0423	-2.9459	80	15.9	2.53	1.20E+04	62.3
1495	9.0423	-2.9459	80	25.1	3.99	1.65E+04	62.1
1496	9.0423	-2.9459	80	39.8	6.33	2.25E+04	62
1497	9.0423	-2.9459	80	63.1	10.04	3.07E+04	61.9
1498	9.0423	-2.9459	80	100	15.92	4.19E+04	62.1
1499	9.0423	-2.9459	95	1	0.16	2.90E+02	77.2
1500	9.0423	-2.9459	95	1.59	0.25	4.26E+02	75.1
1501	9.0423	-2.9459	95	2.51	0.4	6.22E+02	73.7
1502	9.0423	-2.9459	95	3.98	0.63	8.99E+02	71.8
1503	9.0423	-2.9459	95	6.31	1	1.29E+03	70.4
1504	9.0423	-2.9459	95	10	1.59	1.84E+03	69.1
1505	9.0423	-2.9459	95	15.9	2.53	2.62E+03	68.6
1506	9.0423	-2.9459	95	25.1	3.99	3.70E+03	67.7
1507	9.0423	-2.9459	95	39.8	6.33	5.18E+03	67.1
1508	9.0423	-2.9459	95	63.1	10.04	7.20E+03	66.7
1509	9.0423	-2.9459	95	100	15.92	1.01E+04	66.2
1510	9.0423	-2.9459	105	1	0.16	1.12E+02	82.3
1511	9.0423	-2.9459	105	1.59	0.25	1.71E+02	80.2
1512	9.0423	-2.9459	105	2.51	0.4	2.57E+02	78.7
1513	9.0423	-2.9459	105	3.98	0.63	3.82E+02	76.9
1514	9.0423	-2.9459	105	6.31	1	5.63E+02	75.2
1515	9.0423	-2.9459	105	10	1.59	8.21E+02	73.6
1516	9.0423	-2.9459	105	15.9	2.53	1.18E+03	72.4
1517	9.0423	-2.9459	105	25.1	3.99	1.71E+03	71.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1518	9.0423	-2.9459	105	39.8	6.33	2.41E+03	70.1
1519	9.0423	-2.9459	105	63.1	10.04	3.44E+03	69.3
1520	9.0423	-2.9459	105	100	15.92	4.84E+03	68.6
1521	9.0423	-2.9459	115	1	0.16	4.57E+01	86.4
1522	9.0423	-2.9459	115	1.59	0.25	7.07E+01	84.8
1523	9.0423	-2.9459	115	2.51	0.4	1.09E+02	83.1
1524	9.0423	-2.9459	115	3.98	0.63	1.66E+02	81.6
1525	9.0423	-2.9459	115	6.31	1	2.51E+02	79.9
1526	9.0423	-2.9459	115	10	1.59	3.76E+02	78.1
1527	9.0423	-2.9459	115	15.9	2.53	5.59E+02	76.2
1528	9.0423	-2.9459	115	25.1	3.99	8.19E+02	74.7
1529	9.0423	-2.9459	115	39.8	6.33	1.19E+03	73.5
1530	9.0423	-2.9459	115	63.1	10.04	1.71E+03	72.4
1531	9.0423	-2.9459	115	100	15.92	2.45E+03	71.3
1532	10.912	-3.6631	15	1	0.16	1.14E+06	69
1533	10.912	-3.6631	15	1.59	0.25	1.61E+06	67.5
1534	10.912	-3.6631	15	2.51	0.4	2.26E+06	65.8
1535	10.912	-3.6631	15	3.98	0.63	3.15E+06	64.2
1536	10.912	-3.6631	15	6.31	1	4.35E+06	62.2
1537	10.912	-3.6631	15	10	1.59	5.97E+06	60.1
1538	10.912	-3.6631	15	15.9	2.53	8.31E+06	59.8
1539	10.912	-3.6631	15	25.1	3.99	1.11E+07	57.8
1540	10.912	-3.6631	15	39.8	6.33	1.47E+07	55.5
1541	10.912	-3.6631	15	63.1	10.04	1.93E+07	53.3
1542	10.912	-3.6631	15	100	15.92	2.49E+07	51.4
1543	10.912	-3.6631	25	1	0.16	1.13E+05	76.2
1544	10.912	-3.6631	25	1.59	0.25	1.67E+05	75.3
1545	10.912	-3.6631	25	2.51	0.4	2.45E+05	74.2
1546	10.912	-3.6631	25	3.98	0.63	3.59E+05	73.4
1547	10.912	-3.6631	25	6.31	1	5.19E+05	72.1
1548	10.912	-3.6631	25	10	1.59	7.49E+05	70.9
1549	10.912	-3.6631	25	15.9	2.53	1.08E+06	69.7
1550	10.912	-3.6631	25	25.1	3.99	1.54E+06	68.3
1551	10.912	-3.6631	25	39.8	6.33	2.17E+06	66.8
1552	10.912	-3.6631	25	63.1	10.04	3.04E+06	65.3
1553	10.912	-3.6631	25	100	15.92	4.20E+06	63.7
1554	10.912	-3.6631	35	1	0.16	1.66E+04	80.9
1555	10.912	-3.6631	35	1.59	0.25	2.51E+04	80.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1556	10.912	-3.6631	35	2.51	0.4	3.78E+04	79.5
1557	10.912	-3.6631	35	3.98	0.63	5.63E+04	78.6
1558	10.912	-3.6631	35	6.31	1	8.38E+04	77.8
1559	10.912	-3.6631	35	10	1.59	1.24E+05	77
1560	10.912	-3.6631	35	15.9	2.53	1.85E+05	75.9
1561	10.912	-3.6631	35	25.1	3.99	2.72E+05	75.1
1562	10.912	-3.6631	35	39.8	6.33	3.99E+05	74.3
1563	10.912	-3.6631	35	63.1	10.04	5.80E+05	73.3
1564	10.912	-3.6631	35	100	15.92	8.36E+05	72.3
1565	10.912	-3.6631	45	1	0.16	2.85E+03	85.7
1566	10.912	-3.6631	45	1.59	0.25	4.37E+03	85
1567	10.912	-3.6631	45	2.51	0.4	6.71E+03	84.3
1568	10.912	-3.6631	45	3.98	0.63	1.02E+04	83.6
1569	10.912	-3.6631	45	6.31	1	1.53E+04	82.9
1570	10.912	-3.6631	45	10	1.59	2.18E+04	82.2
1571	10.912	-3.6631	45	15.9	2.53	3.50E+04	80.6
1572	10.912	-3.6631	45	25.1	3.99	5.26E+04	79.7
1573	10.912	-3.6631	45	39.8	6.33	7.87E+04	79
1574	10.912	-3.6631	45	63.1	10.04	1.17E+05	78.4
1575	10.912	-3.6631	45	100	15.92	1.71E+05	77.8
1576	10.912	-3.6631	60	1	0.16	2.51E+02	88.5
1577	10.912	-3.6631	60	1.59	0.25	3.95E+02	88.3
1578	10.912	-3.6631	60	2.51	0.4	6.21E+02	87.7
1579	10.912	-3.6631	60	3.98	0.63	9.73E+02	87.3
1580	10.912	-3.6631	60	6.31	1	1.52E+03	86.7
1581	10.912	-3.6631	60	10	1.59	2.36E+03	86
1582	10.912	-3.6631	60	15.9	2.53	3.67E+03	85.5
1583	10.912	-3.6631	60	25.1	3.99	5.66E+03	84.8
1584	10.912	-3.6631	60	39.8	6.33	8.69E+03	84.1
1585	10.912	-3.6631	60	63.1	10.04	1.33E+04	83.7
1586	10.912	-3.6631	60	100	15.92	2.02E+04	83.2
1587	10.912	-3.6631	70	1	0.16	6.93E+01	89.4
1588	10.912	-3.6631	70	1.59	0.25	1.10E+02	89.3
1589	10.912	-3.6631	70	2.51	0.4	1.74E+02	89.2
1590	10.912	-3.6631	70	3.98	0.63	2.74E+02	88.9
1591	10.912	-3.6631	70	6.31	1	4.32E+02	88.6
1592	10.912	-3.6631	70	10	1.59	6.79E+02	88.2
1593	10.912	-3.6631	70	15.9	2.53	1.07E+03	87.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1594	10.912	-3.6631	70	25.1	3.99	1.67E+03	87
1595	10.912	-3.6631	70	39.8	6.33	2.60E+03	86.4
1596	10.912	-3.6631	70	63.1	10.04	4.03E+03	85.9
1597	10.912	-3.6631	70	100	15.92	6.20E+03	85.5
1598	10.912	-3.6631	80	1	0.16	2.24E+01	90.9
1599	10.912	-3.6631	80	1.59	0.25	3.63E+01	89.9
1600	10.912	-3.6631	80	2.51	0.4	5.69E+01	89.4
1601	10.912	-3.6631	80	3.98	0.63	8.93E+01	89.5
1602	10.912	-3.6631	80	6.31	1	1.42E+02	89.4
1603	10.912	-3.6631	80	10	1.59	2.24E+02	89.1
1604	10.912	-3.6631	80	15.9	2.53	3.54E+02	88.9
1605	10.912	-3.6631	80	25.1	3.99	5.57E+02	90
1606	10.912	-3.6631	80	39.8	6.33	8.76E+02	88.2
1607	10.912	-3.6631	80	63.1	10.04	1.36E+03	87.9
1608	10.912	-3.6631	80	100	15.92	2.46E+03	87.4
1609	10.912	-3.6631	95	1	0.16	5.11E+00	87.7
1610	10.912	-3.6631	95	1.59	0.25	8.27E+00	91.4
1611	10.912	-3.6631	95	2.51	0.4	1.28E+01	89.5
1612	10.912	-3.6631	95	3.98	0.63	2.04E+01	89.4
1613	10.912	-3.6631	95	6.31	1	3.23E+01	89.7
1614	10.912	-3.6631	95	10	1.59	5.11E+01	89.6
1615	10.912	-3.6631	95	15.9	2.53	8.10E+01	89.6
1616	10.912	-3.6631	95	25.1	3.99	1.28E+02	89.8
1617	10.912	-3.6631	95	39.8	6.33	2.02E+02	89.7
1618	10.912	-3.6631	95	63.1	10.04	3.20E+02	89.5
1619	10.912	-3.6631	95	100	15.92	5.02E+02	89.3
1620	10.912	-3.6631	105	1	0.16	2.45E+00	88.2
1621	10.912	-3.6631	105	1.59	0.25	3.96E+00	88
1622	10.912	-3.6631	105	2.51	0.4	6.05E+00	89.6
1623	10.912	-3.6631	105	3.98	0.63	9.58E+00	89.5
1624	10.912	-3.6631	105	6.31	1	1.52E+01	89.6
1625	10.912	-3.6631	105	10	1.59	2.41E+01	89.6
1626	10.912	-3.6631	105	15.9	2.53	3.78E+01	89.8
1627	10.912	-3.6631	105	25.1	3.99	5.99E+01	89.7
1628	10.912	-3.6631	105	39.8	6.33	9.47E+01	89.8
1629	10.912	-3.6631	105	63.1	10.04	1.50E+02	89.7
1630	10.912	-3.6631	105	100	15.92	2.36E+02	89.7
1631	10.915	-3.6545	15	1	0.16	2.36E+06	61.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1632	10.915	-3.6545	15	1.59	0.25	3.24E+06	59.9
1633	10.915	-3.6545	15	2.51	0.4	4.36E+06	58.3
1634	10.915	-3.6545	15	3.98	0.63	5.88E+06	56.8
1635	10.915	-3.6545	15	6.31	1	7.80E+06	54.9
1636	10.915	-3.6545	15	10	1.59	1.03E+07	53.3
1637	10.915	-3.6545	15	15.9	2.53	1.40E+07	53
1638	10.915	-3.6545	15	25.1	3.99	1.81E+07	50.5
1639	10.915	-3.6545	15	39.8	6.33	2.32E+07	49.3
1640	10.915	-3.6545	15	63.1	10.04	2.95E+07	48.2
1641	10.915	-3.6545	15	100	15.92	3.71E+07	45.7
1642	10.915	-3.6545	25	1	0.16	2.63E+05	69.5
1643	10.915	-3.6545	25	1.59	0.25	3.75E+05	68.5
1644	10.915	-3.6545	25	2.51	0.4	5.28E+05	67.4
1645	10.915	-3.6545	25	3.98	0.63	7.44E+05	66.3
1646	10.915	-3.6545	25	6.31	1	1.04E+06	65
1647	10.915	-3.6545	25	10	1.59	1.45E+06	63.7
1648	10.915	-3.6545	25	15.9	2.53	2.01E+06	62.6
1649	10.915	-3.6545	25	25.1	3.99	2.76E+06	61.3
1650	10.915	-3.6545	25	39.8	6.33	3.73E+06	59.8
1651	10.915	-3.6545	25	63.1	10.04	5.05E+06	58.4
1652	10.915	-3.6545	25	100	15.92	6.72E+06	56.9
1653	10.915	-3.6545	35	1	0.16	4.11E+04	75.4
1654	10.915	-3.6545	35	1.59	0.25	6.05E+04	74.4
1655	10.915	-3.6545	35	2.51	0.4	8.75E+04	73.5
1656	10.915	-3.6545	35	3.98	0.63	1.27E+05	72.5
1657	10.915	-3.6545	35	6.31	1	1.83E+05	71.7
1658	10.915	-3.6545	35	10	1.59	2.63E+05	70.8
1659	10.915	-3.6545	35	15.9	2.53	3.77E+05	69.8
1660	10.915	-3.6545	35	25.1	3.99	5.39E+05	69
1661	10.915	-3.6545	35	39.8	6.33	7.64E+05	68
1662	10.915	-3.6545	35	63.1	10.04	1.08E+06	66.9
1663	10.915	-3.6545	35	100	15.92	1.50E+06	65.9
1664	10.915	-3.6545	45	1	0.16	7.14E+03	80.9
1665	10.915	-3.6545	45	1.59	0.25	1.08E+04	80.1
1666	10.915	-3.6545	45	2.51	0.4	1.61E+04	79.2
1667	10.915	-3.6545	45	3.98	0.63	2.40E+04	78.3
1668	10.915	-3.6545	45	6.31	1	3.52E+04	77.3
1669	10.915	-3.6545	45	10	1.59	5.09E+04	76.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1670	10.915	-3.6545	45	15.9	2.53	7.67E+04	75.1
1671	10.915	-3.6545	45	25.1	3.99	1.12E+05	74.2
1672	10.915	-3.6545	45	39.8	6.33	1.63E+05	73.7
1673	10.915	-3.6545	45	63.1	10.04	2.36E+05	72.9
1674	10.915	-3.6545	45	100	15.92	3.39E+05	72.2
1675	10.915	-3.6545	60	1	0.16	5.74E+02	87.2
1676	10.915	-3.6545	60	1.59	0.25	8.88E+02	86.3
1677	10.915	-3.6545	60	2.51	0.4	1.39E+03	85.4
1678	10.915	-3.6545	60	3.98	0.63	2.14E+03	84.6
1679	10.915	-3.6545	60	6.31	1	3.29E+03	83.7
1680	10.915	-3.6545	60	10	1.59	5.04E+03	82.8
1681	10.915	-3.6545	60	15.9	2.53	7.70E+03	82.1
1682	10.915	-3.6545	60	25.1	3.99	1.16E+04	81.2
1683	10.915	-3.6545	60	39.8	6.33	1.76E+04	80.5
1684	10.915	-3.6545	60	63.1	10.04	2.63E+04	79.8
1685	10.915	-3.6545	60	100	15.92	3.92E+04	79.2
1686	10.915	-3.6545	70	1	0.16	1.46E+02	88.9
1687	10.915	-3.6545	70	1.59	0.25	2.29E+02	88.5
1688	10.915	-3.6545	70	2.51	0.4	3.59E+02	88
1689	10.915	-3.6545	70	3.98	0.63	5.64E+02	87.4
1690	10.915	-3.6545	70	6.31	1	8.80E+02	86.7
1691	10.915	-3.6545	70	10	1.59	1.37E+03	85.9
1692	10.915	-3.6545	70	15.9	2.53	2.11E+03	85
1693	10.915	-3.6545	70	25.1	3.99	3.25E+03	84.2
1694	10.915	-3.6545	70	39.8	6.33	5.00E+03	83.6
1695	10.915	-3.6545	70	63.1	10.04	7.62E+03	82.9
1696	10.915	-3.6545	70	100	15.92	1.15E+04	82.2
1697	10.915	-3.6545	80	1	0.16	4.39E+01	88.5
1698	10.915	-3.6545	80	1.59	0.25	7.04E+01	90.1
1699	10.915	-3.6545	80	2.51	0.4	1.10E+02	89
1700	10.915	-3.6545	80	3.98	0.63	1.75E+02	88.9
1701	10.915	-3.6545	80	6.31	1	2.76E+02	88.5
1702	10.915	-3.6545	80	10	1.59	4.34E+02	88
1703	10.915	-3.6545	80	15.9	2.53	6.80E+02	87.3
1704	10.915	-3.6545	80	25.1	3.99	1.06E+03	87.2
1705	10.915	-3.6545	80	39.8	6.33	1.65E+03	86.3
1706	10.915	-3.6545	80	63.1	10.04	2.55E+03	85.6
1707	10.915	-3.6545	80	100	15.92	3.91E+03	85.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1708	10.915	-3.6545	95	1	0.16	9.22E+00	86.9
1709	10.915	-3.6545	95	1.59	0.25	1.46E+01	88.2
1710	10.915	-3.6545	95	2.51	0.4	2.26E+01	90.1
1711	10.915	-3.6545	95	3.98	0.63	3.56E+01	89.3
1712	10.915	-3.6545	95	6.31	1	5.64E+01	89.4
1713	10.915	-3.6545	95	10	1.59	8.90E+01	89.3
1714	10.915	-3.6545	95	15.9	2.53	1.41E+02	89.6
1715	10.915	-3.6545	95	25.1	3.99	2.23E+02	89.5
1716	10.915	-3.6545	95	39.8	6.33	3.50E+02	89
1717	10.915	-3.6545	95	63.1	10.04	5.52E+02	88.5
1718	10.915	-3.6545	95	100	15.92	8.61E+02	88.1
1719	10.915	-3.6545	105	1	0.16	3.91E+00	88.1
1720	10.915	-3.6545	105	1.59	0.25	6.37E+00	90.5
1721	10.915	-3.6545	105	2.51	0.4	9.89E+00	90
1722	10.915	-3.6545	105	3.98	0.63	1.58E+01	89.5
1723	10.915	-3.6545	105	6.31	1	2.50E+01	89.5
1724	10.915	-3.6545	105	10	1.59	3.95E+01	89.5
1725	10.915	-3.6545	105	15.9	2.53	6.24E+01	89.6
1726	10.915	-3.6545	105	25.1	3.99	9.79E+01	89.5
1727	10.915	-3.6545	105	39.8	6.33	1.56E+02	89.4
1728	10.915	-3.6545	105	63.1	10.04	2.46E+02	89.2
1729	10.915	-3.6545	105	100	15.92	3.86E+02	89
1730	10.915	-3.6545	115	1	0.16	1.97E+00	88.3
1731	10.915	-3.6545	115	1.59	0.25	3.26E+00	86.5
1732	10.915	-3.6545	115	2.51	0.4	5.05E+00	89.3
1733	10.915	-3.6545	115	3.98	0.63	7.84E+00	89.8
1734	10.915	-3.6545	115	6.31	1	1.24E+01	89.4
1735	10.915	-3.6545	115	10	1.59	1.96E+01	89.5
1736	10.915	-3.6545	115	15.9	2.53	3.12E+01	89.7
1737	10.915	-3.6545	115	25.1	3.99	4.91E+01	90
1738	10.915	-3.6545	115	39.8	6.33	7.79E+01	89.7
1739	10.915	-3.6545	115	63.1	10.04	1.23E+02	89.7
1740	10.915	-3.6545	115	100	15.92	1.93E+02	89.3
1741	10.871	-3.626	15	1	0.16	6.29E+06	51.5
1742	10.871	-3.626	15	1.59	0.25	8.12E+06	49.7
1743	10.871	-3.626	15	2.51	0.4	1.04E+07	48.1
1744	10.871	-3.626	15	3.98	0.63	1.31E+07	46.7
1745	10.871	-3.626	15	6.31	1	1.65E+07	45.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1746	10.871	-3.626	15	10	1.59	2.07E+07	44.4
1747	10.871	-3.626	15	15.9	2.53	2.65E+07	42.5
1748	10.871	-3.626	15	25.1	3.99	3.27E+07	40.6
1749	10.871	-3.626	15	39.8	6.33	3.97E+07	40.7
1750	10.871	-3.626	15	63.1	10.04	4.89E+07	41.3
1751	10.871	-3.626	15	100	15.92	5.73E+07	37.3
1752	10.871	-3.626	25	1	0.16	9.50E+05	59.4
1753	10.871	-3.626	25	1.59	0.25	1.29E+06	58.1
1754	10.871	-3.626	25	2.51	0.4	1.73E+06	56.9
1755	10.871	-3.626	25	3.98	0.63	2.31E+06	55.4
1756	10.871	-3.626	25	6.31	1	3.05E+06	54.1
1757	10.871	-3.626	25	10	1.59	4.01E+06	52.8
1758	10.871	-3.626	25	15.9	2.53	5.30E+06	52
1759	10.871	-3.626	25	25.1	3.99	6.88E+06	51.2
1760	10.871	-3.626	25	39.8	6.33	8.77E+06	49.8
1761	10.871	-3.626	25	63.1	10.04	1.13E+07	48.6
1762	10.871	-3.626	25	100	15.92	1.42E+07	47.2
1763	10.871	-3.626	35	1	0.16	1.70E+05	65.9
1764	10.871	-3.626	35	1.59	0.25	2.38E+05	65.4
1765	10.871	-3.626	35	2.51	0.4	3.33E+05	64.4
1766	10.871	-3.626	35	3.98	0.63	4.61E+05	63.2
1767	10.871	-3.626	35	6.31	1	6.35E+05	62.2
1768	10.871	-3.626	35	10	1.59	8.69E+05	61.1
1769	10.871	-3.626	35	15.9	2.53	1.19E+06	60.3
1770	10.871	-3.626	35	25.1	3.99	1.61E+06	59.1
1771	10.871	-3.626	35	39.8	6.33	2.17E+06	58.2
1772	10.871	-3.626	35	63.1	10.04	2.90E+06	56.8
1773	10.871	-3.626	35	100	15.92	3.83E+06	55.8
1774	10.871	-3.626	45	1	0.16	3.07E+04	72.7
1775	10.871	-3.626	45	1.59	0.25	4.44E+04	71.7
1776	10.871	-3.626	45	2.51	0.4	6.38E+04	70.8
1777	10.871	-3.626	45	3.98	0.63	9.10E+04	69.7
1778	10.871	-3.626	45	6.31	1	1.29E+05	68.7
1779	10.871	-3.626	45	10	1.59	1.82E+05	67.8
1780	10.871	-3.626	45	15.9	2.53	2.60E+05	66.8
1781	10.871	-3.626	45	25.1	3.99	3.64E+05	65.6
1782	10.871	-3.626	45	39.8	6.33	5.08E+05	64.9
1783	10.871	-3.626	45	63.1	10.04	7.05E+05	64.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1784	10.871	-3.626	45	100	15.92	9.68E+05	63.2
1785	10.871	-3.626	60	1	0.16	2.17E+03	82.7
1786	10.871	-3.626	60	1.59	0.25	3.28E+03	81.3
1787	10.871	-3.626	60	2.51	0.4	4.95E+03	80.2
1788	10.871	-3.626	60	3.98	0.63	7.44E+03	79
1789	10.871	-3.626	60	6.31	1	1.11E+04	77.7
1790	10.871	-3.626	60	10	1.59	1.65E+04	76.5
1791	10.871	-3.626	60	15.9	2.53	2.46E+04	76.4
1792	10.871	-3.626	60	25.1	3.99	3.60E+04	75.4
1793	10.871	-3.626	60	39.8	6.33	5.24E+04	74.4
1794	10.871	-3.626	60	63.1	10.04	7.59E+04	73.9
1795	10.871	-3.626	60	100	15.92	1.09E+05	73.1
1796	10.871	-3.626	70	1	0.16	4.96E+02	86.4
1797	10.871	-3.626	70	1.59	0.25	7.70E+02	85.5
1798	10.871	-3.626	70	2.51	0.4	1.19E+03	84.5
1799	10.871	-3.626	70	3.98	0.63	1.83E+03	83.5
1800	10.871	-3.626	70	6.31	1	2.81E+03	82.4
1801	10.871	-3.626	70	10	1.59	4.27E+03	81.3
1802	10.871	-3.626	70	15.9	2.53	6.48E+03	80.4
1803	10.871	-3.626	70	25.1	3.99	9.69E+03	79.5
1804	10.871	-3.626	70	39.8	6.33	1.45E+04	78.3
1805	10.871	-3.626	70	63.1	10.04	2.15E+04	77.4
1806	10.871	-3.626	70	100	15.92	3.16E+04	76.5
1807	10.871	-3.626	80	1	0.16	1.30E+02	88.9
1808	10.871	-3.626	80	1.59	0.25	2.04E+02	88
1809	10.871	-3.626	80	2.51	0.4	3.20E+02	87.4
1810	10.871	-3.626	80	3.98	0.63	5.00E+02	86.7
1811	10.871	-3.626	80	6.31	1	7.79E+02	85.9
1812	10.871	-3.626	80	10	1.59	1.21E+03	85.1
1813	10.871	-3.626	80	15.9	2.53	1.86E+03	84.1
1814	10.871	-3.626	80	25.1	3.99	2.84E+03	83
1815	10.871	-3.626	80	39.8	6.33	4.33E+03	82
1816	10.871	-3.626	80	63.1	10.04	6.56E+03	81.2
1817	10.871	-3.626	80	100	15.92	9.84E+03	80.4
1818	10.871	-3.626	95	1	0.16	2.26E+01	89.1
1819	10.871	-3.626	95	1.59	0.25	3.56E+01	89.6
1820	10.871	-3.626	95	2.51	0.4	5.62E+01	89.1
1821	10.871	-3.626	95	3.98	0.63	8.89E+01	89

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1822	10.871	-3.626	95	6.31	1	1.40E+02	88.7
1823	10.871	-3.626	95	10	1.59	2.21E+02	88.3
1824	10.871	-3.626	95	15.9	2.53	3.47E+02	87.8
1825	10.871	-3.626	95	25.1	3.99	5.42E+02	87.2
1826	10.871	-3.626	95	39.8	6.33	8.45E+02	86.5
1827	10.871	-3.626	95	63.1	10.04	1.31E+03	85.7
1828	10.871	-3.626	95	100	15.92	2.01E+03	85
1829	10.871	-3.626	105	1	0.16	8.65E+00	90.4
1830	10.871	-3.626	105	1.59	0.25	1.37E+01	88
1831	10.871	-3.626	105	2.51	0.4	2.18E+01	89.2
1832	10.871	-3.626	105	3.98	0.63	3.45E+01	89.5
1833	10.871	-3.626	105	6.31	1	5.45E+01	89.5
1834	10.871	-3.626	105	10	1.59	8.59E+01	88.9
1835	10.871	-3.626	105	15.9	2.53	1.36E+02	88.9
1836	10.871	-3.626	105	25.1	3.99	2.17E+02	88.8
1837	10.871	-3.626	105	39.8	6.33	3.38E+02	88.4
1838	10.871	-3.626	105	63.1	10.04	5.29E+02	87.9
1839	10.871	-3.626	105	100	15.92	8.23E+02	87.3
1840	10.871	-3.626	115	1	0.16	4.00E+00	89.7
1841	10.871	-3.626	115	1.59	0.25	6.25E+00	88.8
1842	10.871	-3.626	115	2.51	0.4	9.77E+00	89.3
1843	10.871	-3.626	115	3.98	0.63	1.55E+01	89.9
1844	10.871	-3.626	115	6.31	1	2.45E+01	89.6
1845	10.871	-3.626	115	10	1.59	3.88E+01	89.5
1846	10.871	-3.626	115	15.9	2.53	6.14E+01	89.6
1847	10.871	-3.626	115	25.1	3.99	9.67E+01	89.4
1848	10.871	-3.626	115	39.8	6.33	1.53E+02	89.3
1849	10.871	-3.626	115	63.1	10.04	2.41E+02	88.9
1850	10.871	-3.626	115	100	15.92	3.79E+02	88.5
1851	10.797	-3.6091	15	1	0.16	2.39E+06	59.2
1852	10.797	-3.6091	15	1.59	0.25	3.23E+06	57.7
1853	10.797	-3.6091	15	2.51	0.4	4.30E+06	56.3
1854	10.797	-3.6091	15	3.98	0.63	5.71E+06	54.7
1855	10.797	-3.6091	15	6.31	1	7.53E+06	53.3
1856	10.797	-3.6091	15	10	1.59	9.77E+06	51.4
1857	10.797	-3.6091	15	15.9	2.53	1.32E+07	50.2
1858	10.797	-3.6091	15	25.1	3.99	1.68E+07	49.4
1859	10.797	-3.6091	15	39.8	6.33	2.16E+07	47.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1860	10.797	-3.6091	15	63.1	10.04	2.69E+07	46.1
1861	10.797	-3.6091	15	100	15.92	3.34E+07	44.8
1862	10.797	-3.6091	25	1	0.16	3.40E+05	66.1
1863	10.797	-3.6091	25	1.59	0.25	4.78E+05	65
1864	10.797	-3.6091	25	2.51	0.4	6.61E+05	63.9
1865	10.797	-3.6091	25	3.98	0.63	9.20E+05	63
1866	10.797	-3.6091	25	6.31	1	1.26E+06	61.7
1867	10.797	-3.6091	25	10	1.59	1.73E+06	60.5
1868	10.797	-3.6091	25	15.9	2.53	2.35E+06	59.5
1869	10.797	-3.6091	25	25.1	3.99	3.17E+06	58.1
1870	10.797	-3.6091	25	39.8	6.33	4.25E+06	56.9
1871	10.797	-3.6091	25	63.1	10.04	5.65E+06	55.6
1872	10.797	-3.6091	25	100	15.92	7.43E+06	54.3
1873	10.797	-3.6091	35	1	0.16	5.75E+04	71.8
1874	10.797	-3.6091	35	1.59	0.25	8.27E+04	71.1
1875	10.797	-3.6091	35	2.51	0.4	1.19E+05	70.3
1876	10.797	-3.6091	35	3.98	0.63	1.69E+05	69.3
1877	10.797	-3.6091	35	6.31	1	2.40E+05	68.5
1878	10.797	-3.6091	35	10	1.59	3.39E+05	67.6
1879	10.797	-3.6091	35	15.9	2.53	4.77E+05	66.9
1880	10.797	-3.6091	35	25.1	3.99	6.66E+05	65.8
1881	10.797	-3.6091	35	39.8	6.33	9.30E+05	64.9
1882	10.797	-3.6091	35	63.1	10.04	1.29E+06	64
1883	10.797	-3.6091	35	100	15.92	1.77E+06	63
1884	10.797	-3.6091	45	1	0.16	1.02E+04	78.7
1885	10.797	-3.6091	45	1.59	0.25	1.51E+04	77.4
1886	10.797	-3.6091	45	2.51	0.4	2.23E+04	76.2
1887	10.797	-3.6091	45	3.98	0.63	3.27E+04	75.4
1888	10.797	-3.6091	45	6.31	1	4.74E+04	74.4
1889	10.797	-3.6091	45	10	1.59	6.83E+04	73.6
1890	10.797	-3.6091	45	15.9	2.53	1.02E+05	72.3
1891	10.797	-3.6091	45	25.1	3.99	1.46E+05	71.5
1892	10.797	-3.6091	45	39.8	6.33	2.10E+05	70.7
1893	10.797	-3.6091	45	63.1	10.04	2.99E+05	70.1
1894	10.797	-3.6091	45	100	15.92	4.22E+05	69.5
1895	10.797	-3.6091	60	1	0.16	8.35E+02	85.8
1896	10.797	-3.6091	60	1.59	0.25	1.29E+03	84.4
1897	10.797	-3.6091	60	2.51	0.4	1.98E+03	83.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1898	10.797	-3.6091	60	3.98	0.63	3.03E+03	82.5
1899	10.797	-3.6091	60	6.31	1	4.62E+03	81.4
1900	10.797	-3.6091	60	10	1.59	6.97E+03	80.3
1901	10.797	-3.6091	60	15.9	2.53	1.05E+04	79.9
1902	10.797	-3.6091	60	25.1	3.99	1.56E+04	78.9
1903	10.797	-3.6091	60	39.8	6.33	2.31E+04	78.2
1904	10.797	-3.6091	60	63.1	10.04	3.42E+04	77.6
1905	10.797	-3.6091	60	100	15.92	5.00E+04	76.9
1906	10.797	-3.6091	70	1	0.16	2.11E+02	88.1
1907	10.797	-3.6091	70	1.59	0.25	3.32E+02	87.4
1908	10.797	-3.6091	70	2.51	0.4	5.15E+02	86.7
1909	10.797	-3.6091	70	3.98	0.63	8.04E+02	85.8
1910	10.797	-3.6091	70	6.31	1	1.25E+03	85
1911	10.797	-3.6091	70	10	1.59	1.92E+03	84.1
1912	10.797	-3.6091	70	15.9	2.53	2.94E+03	83.1
1913	10.797	-3.6091	70	25.1	3.99	4.49E+03	82.4
1914	10.797	-3.6091	70	39.8	6.33	6.80E+03	81.3
1915	10.797	-3.6091	70	63.1	10.04	1.02E+04	80.6
1916	10.797	-3.6091	70	100	15.92	1.53E+04	79.9
1917	10.797	-3.6091	80	1	0.16	6.10E+01	91.5
1918	10.797	-3.6091	80	1.59	0.25	9.57E+01	89.2
1919	10.797	-3.6091	80	2.51	0.4	1.52E+02	88.2
1920	10.797	-3.6091	80	3.98	0.63	2.39E+02	88.2
1921	10.797	-3.6091	80	6.31	1	3.75E+02	87.4
1922	10.797	-3.6091	80	10	1.59	5.87E+02	86.8
1923	10.797	-3.6091	80	15.9	2.53	9.14E+02	86.2
1924	10.797	-3.6091	80	25.1	3.99	1.47E+03	86.4
1925	10.797	-3.6091	80	39.8	6.33	2.21E+03	85
1926	10.797	-3.6091	80	63.1	10.04	3.39E+03	84
1927	10.797	-3.6091	80	100	15.92	5.16E+03	83.4
1928	10.797	-3.6091	95	1	0.16	1.21E+01	86.9
1929	10.797	-3.6091	95	1.59	0.25	1.85E+01	89.3
1930	10.797	-3.6091	95	2.51	0.4	2.93E+01	89.4
1931	10.797	-3.6091	95	3.98	0.63	4.61E+01	89.3
1932	10.797	-3.6091	95	6.31	1	7.21E+01	89.2
1933	10.797	-3.6091	95	10	1.59	1.14E+02	89
1934	10.797	-3.6091	95	15.9	2.53	1.79E+02	88.9
1935	10.797	-3.6091	95	25.1	3.99	2.73E+02	88.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1936	10.797	-3.6091	95	39.8	6.33	4.40E+02	88.5
1937	10.797	-3.6091	95	63.1	10.04	6.90E+02	87.8
1938	10.797	-3.6091	95	100	15.92	1.07E+03	87.2
1939	10.797	-3.6091	105	1	0.16	4.99E+00	92.2
1940	10.797	-3.6091	105	1.59	0.25	7.44E+00	88.4
1941	10.797	-3.6091	105	2.51	0.4	1.24E+01	88.9
1942	10.797	-3.6091	105	3.98	0.63	1.95E+01	89.5
1943	10.797	-3.6091	105	6.31	1	3.11E+01	89.5
1944	10.797	-3.6091	105	10	1.59	4.91E+01	89.4
1945	10.797	-3.6091	105	15.9	2.53	7.69E+01	89.6
1946	10.797	-3.6091	105	25.1	3.99	1.22E+02	89.3
1947	10.797	-3.6091	105	39.8	6.33	1.92E+02	89.1
1948	10.797	-3.6091	105	63.1	10.04	3.02E+02	88.9
1949	10.797	-3.6091	105	100	15.92	4.72E+02	88.4
1950	10.797	-3.6091	115	1	0.16	2.33E+00	89.9
1951	10.797	-3.6091	115	1.59	0.25	3.64E+00	90.1
1952	10.797	-3.6091	115	2.51	0.4	5.89E+00	89.6
1953	10.797	-3.6091	115	3.98	0.63	9.47E+00	89.2
1954	10.797	-3.6091	115	6.31	1	1.49E+01	89.5
1955	10.797	-3.6091	115	10	1.59	2.37E+01	89.6
1956	10.797	-3.6091	115	15.9	2.53	3.76E+01	89.8
1957	10.797	-3.6091	115	25.1	3.99	5.97E+01	89.5
1958	10.797	-3.6091	115	39.8	6.33	9.29E+01	89.5
1959	10.797	-3.6091	115	63.1	10.04	1.47E+02	89.5
1960	10.797	-3.6091	115	100	15.92	2.32E+02	89.1
1961	10.81	-3.6364	15	1	0.16	3.33E+05	71
1962	10.81	-3.6364	15	1.59	0.25	4.79E+05	69.8
1963	10.81	-3.6364	15	2.51	0.4	6.84E+05	68.6
1964	10.81	-3.6364	15	3.98	0.63	9.71E+05	67.3
1965	10.81	-3.6364	15	6.31	1	1.37E+06	65.9
1966	10.81	-3.6364	15	10	1.59	1.91E+06	64.3
1967	10.81	-3.6364	15	15.9	2.53	2.72E+06	62.9
1968	10.81	-3.6364	15	25.1	3.99	3.74E+06	61.4
1969	10.81	-3.6364	15	39.8	6.33	5.06E+06	59.6
1970	10.81	-3.6364	15	63.1	10.04	6.82E+06	57.7
1971	10.81	-3.6364	15	100	15.92	9.03E+06	56
1972	10.81	-3.6364	25	1	0.16	4.42E+04	77.5
1973	10.81	-3.6364	25	1.59	0.25	6.54E+04	76.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
1974	10.81	-3.6364	25	2.51	0.4	9.64E+04	75.5
1975	10.81	-3.6364	25	3.98	0.63	1.41E+05	74.5
1976	10.81	-3.6364	25	6.31	1	2.06E+05	73.7
1977	10.81	-3.6364	25	10	1.59	2.98E+05	72.7
1978	10.81	-3.6364	25	15.9	2.53	4.36E+05	71.6
1979	10.81	-3.6364	25	25.1	3.99	6.27E+05	70.6
1980	10.81	-3.6364	25	39.8	6.33	8.96E+05	69.4
1981	10.81	-3.6364	25	63.1	10.04	1.27E+06	68.2
1982	10.81	-3.6364	25	100	15.92	1.79E+06	66.9
1983	10.81	-3.6364	35	1	0.16	6.24E+03	83.1
1984	10.81	-3.6364	35	1.59	0.25	9.47E+03	82.2
1985	10.81	-3.6364	35	2.51	0.4	1.43E+04	81.6
1986	10.81	-3.6364	35	3.98	0.63	2.14E+04	80.7
1987	10.81	-3.6364	35	6.31	1	3.17E+04	79.8
1988	10.81	-3.6364	35	10	1.59	4.65E+04	78.9
1989	10.81	-3.6364	35	15.9	2.53	7.11E+04	77.2
1990	10.81	-3.6364	35	25.1	3.99	1.05E+05	76.8
1991	10.81	-3.6364	35	39.8	6.33	1.54E+05	75.9
1992	10.81	-3.6364	35	63.1	10.04	2.26E+05	75.1
1993	10.81	-3.6364	35	100	15.92	3.27E+05	74.4
1994	10.81	-3.6364	45	1	0.16	7.99E+02	86
1995	10.81	-3.6364	45	1.59	0.25	1.26E+03	86
1996	10.81	-3.6364	45	2.51	0.4	1.95E+03	85.3
1997	10.81	-3.6364	45	3.98	0.63	3.01E+03	84.2
1998	10.81	-3.6364	45	6.31	1	4.61E+03	83.7
1999	10.81	-3.6364	45	10	1.59	7.03E+03	82.8
2000	10.81	-3.6364	45	15.9	2.53	1.07E+04	81.9
2001	10.81	-3.6364	45	25.1	3.99	1.63E+04	81.1
2002	10.81	-3.6364	45	39.8	6.33	2.46E+04	80.4
2003	10.81	-3.6364	45	63.1	10.04	3.68E+04	79.8
2004	10.81	-3.6364	45	100	15.92	5.47E+04	79.1
2005	10.81	-3.6364	60	1	0.16	9.71E+01	89.1
2006	10.81	-3.6364	60	1.59	0.25	1.54E+02	89.3
2007	10.81	-3.6364	60	2.51	0.4	2.43E+02	88.9
2008	10.81	-3.6364	60	3.98	0.63	3.81E+02	88.2
2009	10.81	-3.6364	60	6.31	1	6.00E+02	88
2010	10.81	-3.6364	60	10	1.59	9.39E+02	87.4
2011	10.81	-3.6364	60	15.9	2.53	1.47E+03	86.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2012	10.81	-3.6364	60	25.1	3.99	2.28E+03	86.2
2013	10.81	-3.6364	60	39.8	6.33	3.53E+03	85.5
2014	10.81	-3.6364	60	63.1	10.04	5.45E+03	85
2015	10.81	-3.6364	60	100	15.92	8.34E+03	84.5
2016	10.81	-3.6364	70	1	0.16	3.18E+01	89.9
2017	10.81	-3.6364	70	1.59	0.25	5.00E+01	89.3
2018	10.81	-3.6364	70	2.51	0.4	7.89E+01	89.8
2019	10.81	-3.6364	70	3.98	0.63	1.26E+02	89.4
2020	10.81	-3.6364	70	6.31	1	1.98E+02	89.2
2021	10.81	-3.6364	70	10	1.59	3.12E+02	88.8
2022	10.81	-3.6364	70	15.9	2.53	4.88E+02	88.5
2023	10.81	-3.6364	70	25.1	3.99	7.67E+02	88.1
2024	10.81	-3.6364	70	39.8	6.33	1.20E+03	87.5
2025	10.81	-3.6364	70	63.1	10.04	1.87E+03	87
2026	10.81	-3.6364	70	100	15.92	2.89E+03	86.6
2027	10.81	-3.6364	80	1	0.16	1.17E+01	89.9
2028	10.81	-3.6364	80	1.59	0.25	1.82E+01	89.8
2029	10.81	-3.6364	80	2.51	0.4	2.89E+01	89.7
2030	10.81	-3.6364	80	3.98	0.63	4.55E+01	89.7
2031	10.81	-3.6364	80	6.31	1	7.22E+01	89.7
2032	10.81	-3.6364	80	10	1.59	1.14E+02	89.6
2033	10.81	-3.6364	80	15.9	2.53	1.78E+02	89.4
2034	10.81	-3.6364	80	25.1	3.99	2.81E+02	89.3
2035	10.81	-3.6364	80	39.8	6.33	4.43E+02	88.9
2036	10.81	-3.6364	80	63.1	10.04	6.95E+02	88.6
2037	10.81	-3.6364	80	100	15.92	1.09E+03	88.3
2038	10.81	-3.6364	95	1	0.16	3.11E+00	88.4
2039	10.81	-3.6364	95	1.59	0.25	4.71E+00	89
2040	10.81	-3.6364	95	2.51	0.4	7.62E+00	89.3
2041	10.81	-3.6364	95	3.98	0.63	1.19E+01	89.2
2042	10.81	-3.6364	95	6.31	1	1.89E+01	89.4
2043	10.81	-3.6364	95	10	1.59	2.99E+01	89.4
2044	10.81	-3.6364	95	15.9	2.53	4.73E+01	89.7
2045	10.81	-3.6364	95	25.1	3.99	7.54E+01	89.9
2046	10.81	-3.6364	95	39.8	6.33	1.18E+02	89.9
2047	10.81	-3.6364	95	63.1	10.04	1.87E+02	89.7
2048	10.81	-3.6364	95	100	15.92	2.94E+02	89.6
2049	10.81	-3.6364	105	1	0.16	1.49E+00	88.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2050	10.81	-3.6364	105	1.59	0.25	2.45E+00	89
2051	10.81	-3.6364	105	2.51	0.4	3.87E+00	89.3
2052	10.81	-3.6364	105	3.98	0.63	6.14E+00	89.1
2053	10.81	-3.6364	105	6.31	1	9.68E+00	89.3
2054	10.81	-3.6364	105	10	1.59	1.53E+01	89.4
2055	10.81	-3.6364	105	15.9	2.53	2.42E+01	89.5
2056	10.81	-3.6364	105	25.1	3.99	3.80E+01	89.6
2057	10.81	-3.6364	105	39.8	6.33	6.02E+01	89.6
2058	10.81	-3.6364	105	63.1	10.04	9.51E+01	89.6
2059	10.81	-3.6364	105	100	15.92	1.50E+02	89.5
2060	10.811	-3.6257	15	1	0.16	9.31E+05	62.1
2061	10.811	-3.6257	15	1.59	0.25	1.27E+06	60.4
2062	10.811	-3.6257	15	2.51	0.4	1.73E+06	59.2
2063	10.811	-3.6257	15	3.98	0.63	2.32E+06	57.9
2064	10.811	-3.6257	15	6.31	1	3.10E+06	56.5
2065	10.811	-3.6257	15	10	1.59	4.11E+06	55
2066	10.811	-3.6257	15	15.9	2.53	5.66E+06	55.2
2067	10.811	-3.6257	15	25.1	3.99	7.45E+06	52.6
2068	10.811	-3.6257	15	39.8	6.33	9.65E+06	51
2069	10.811	-3.6257	15	63.1	10.04	1.23E+07	49.9
2070	10.811	-3.6257	15	100	15.92	1.56E+07	48.2
2071	10.811	-3.6257	25	1	0.16	1.33E+05	69.3
2072	10.811	-3.6257	25	1.59	0.25	1.91E+05	68.1
2073	10.811	-3.6257	25	2.51	0.4	2.70E+05	67.2
2074	10.811	-3.6257	25	3.98	0.63	3.79E+05	66.3
2075	10.811	-3.6257	25	6.31	1	5.29E+05	65.2
2076	10.811	-3.6257	25	10	1.59	7.36E+05	64.1
2077	10.811	-3.6257	25	15.9	2.53	1.02E+06	63.1
2078	10.811	-3.6257	25	25.1	3.99	1.39E+06	62.3
2079	10.811	-3.6257	25	39.8	6.33	1.91E+06	61.1
2080	10.811	-3.6257	25	63.1	10.04	2.59E+06	59.8
2081	10.811	-3.6257	25	100	15.92	3.48E+06	58.7
2082	10.811	-3.6257	35	1	0.16	1.98E+04	76.2
2083	10.811	-3.6257	35	1.59	0.25	2.90E+04	74.8
2084	10.811	-3.6257	35	2.51	0.4	4.22E+04	73.9
2085	10.811	-3.6257	35	3.98	0.63	6.10E+04	72.9
2086	10.811	-3.6257	35	6.31	1	8.78E+04	72
2087	10.811	-3.6257	35	10	1.59	1.25E+05	71.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2088	10.811	-3.6257	35	15.9	2.53	1.82E+05	69.9
2089	10.811	-3.6257	35	25.1	3.99	2.59E+05	69.2
2090	10.811	-3.6257	35	39.8	6.33	3.68E+05	68.3
2091	10.811	-3.6257	35	63.1	10.04	5.19E+05	67.5
2092	10.811	-3.6257	35	100	15.92	7.24E+05	66.7
2093	10.811	-3.6257	45	1	0.16	2.63E+03	82.6
2094	10.811	-3.6257	45	1.59	0.25	4.16E+03	81.6
2095	10.811	-3.6257	45	2.51	0.4	6.22E+03	80.5
2096	10.811	-3.6257	45	3.98	0.63	9.34E+03	79
2097	10.811	-3.6257	45	6.31	1	1.39E+04	78
2098	10.811	-3.6257	45	10	1.59	2.07E+04	77
2099	10.811	-3.6257	45	15.9	2.53	3.05E+04	75.7
2100	10.811	-3.6257	45	25.1	3.99	4.35E+04	74.6
2101	10.811	-3.6257	45	39.8	6.33	6.47E+04	74.3
2102	10.811	-3.6257	45	63.1	10.04	9.54E+04	73.6
2103	10.811	-3.6257	45	100	15.92	1.37E+05	73
2104	10.811	-3.6257	60	1	0.16	2.54E+02	87.6
2105	10.811	-3.6257	60	1.59	0.25	3.99E+02	87
2106	10.811	-3.6257	60	2.51	0.4	6.20E+02	86.2
2107	10.811	-3.6257	60	3.98	0.63	9.64E+02	85.4
2108	10.811	-3.6257	60	6.31	1	1.49E+03	84.5
2109	10.811	-3.6257	60	10	1.59	2.28E+03	83.6
2110	10.811	-3.6257	60	15.9	2.53	3.50E+03	82.7
2111	10.811	-3.6257	60	25.1	3.99	5.32E+03	81.8
2112	10.811	-3.6257	60	39.8	6.33	8.05E+03	81
2113	10.811	-3.6257	60	63.1	10.04	1.21E+04	80.2
2114	10.811	-3.6257	60	100	15.92	1.81E+04	79.6
2115	10.811	-3.6257	70	1	0.16	7.08E+01	89.9
2116	10.811	-3.6257	70	1.59	0.25	1.09E+02	89.1
2117	10.811	-3.6257	70	2.51	0.4	1.74E+02	88.5
2118	10.811	-3.6257	70	3.98	0.63	2.74E+02	88.1
2119	10.811	-3.6257	70	6.31	1	4.28E+02	87.3
2120	10.811	-3.6257	70	10	1.59	6.69E+02	86.6
2121	10.811	-3.6257	70	15.9	2.53	1.04E+03	86.1
2122	10.811	-3.6257	70	25.1	3.99	1.63E+03	85.2
2123	10.811	-3.6257	70	39.8	6.33	2.51E+03	84.7
2124	10.811	-3.6257	70	63.1	10.04	3.83E+03	84
2125	10.811	-3.6257	70	100	15.92	5.84E+03	83.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2126	10.811	-3.6257	80	1	0.16	2.34E+01	90
2127	10.811	-3.6257	80	1.59	0.25	3.68E+01	89.9
2128	10.811	-3.6257	80	2.51	0.4	5.81E+01	89.3
2129	10.811	-3.6257	80	3.98	0.63	9.11E+01	89.2
2130	10.811	-3.6257	80	6.31	1	1.45E+02	88.8
2131	10.811	-3.6257	80	10	1.59	2.28E+02	88.4
2132	10.811	-3.6257	80	15.9	2.53	3.56E+02	88
2133	10.811	-3.6257	80	25.1	3.99	5.60E+02	87.9
2134	10.811	-3.6257	80	39.8	6.33	8.73E+02	86.7
2135	10.811	-3.6257	80	63.1	10.04	1.35E+03	86.1
2136	10.811	-3.6257	80	100	15.92	2.09E+03	85.7
2137	10.811	-3.6257	95	1	0.16	5.56E+00	90.2
2138	10.811	-3.6257	95	1.59	0.25	8.79E+00	88.6
2139	10.811	-3.6257	95	2.51	0.4	1.42E+01	90.2
2140	10.811	-3.6257	95	3.98	0.63	2.24E+01	89.6
2141	10.811	-3.6257	95	6.31	1	3.55E+01	89.6
2142	10.811	-3.6257	95	10	1.59	5.61E+01	89.5
2143	10.811	-3.6257	95	15.9	2.53	8.86E+01	89.6
2144	10.811	-3.6257	95	25.1	3.99	1.41E+02	89.5
2145	10.811	-3.6257	95	39.8	6.33	2.22E+02	89.2
2146	10.811	-3.6257	95	63.1	10.04	3.49E+02	88.8
2147	10.811	-3.6257	95	100	15.92	5.47E+02	88.5
2148	10.811	-3.6257	105	1	0.16	2.63E+00	93
2149	10.811	-3.6257	105	1.59	0.25	4.41E+00	91.7
2150	10.811	-3.6257	105	2.51	0.4	6.76E+00	89.4
2151	10.811	-3.6257	105	3.98	0.63	1.07E+01	89.8
2152	10.811	-3.6257	105	6.31	1	1.70E+01	89.8
2153	10.811	-3.6257	105	10	1.59	2.68E+01	89.8
2154	10.811	-3.6257	105	15.9	2.53	4.24E+01	89.9
2155	10.811	-3.6257	105	25.1	3.99	6.65E+01	90.1
2156	10.811	-3.6257	105	39.8	6.33	1.07E+02	89.3
2157	10.811	-3.6257	105	63.1	10.04	1.68E+02	89.6
2158	10.811	-3.6257	105	100	15.92	2.64E+02	89.2
2159	10.811	-3.6257	115	1	0.16	1.39E+00	89.5
2160	10.811	-3.6257	115	1.59	0.25	2.20E+00	87.6
2161	10.811	-3.6257	115	2.51	0.4	3.51E+00	90
2162	10.811	-3.6257	115	3.98	0.63	5.54E+00	90
2163	10.811	-3.6257	115	6.31	1	8.78E+00	90

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2164	10.811	-3.6257	115	10	1.59	1.39E+01	89.8
2165	10.811	-3.6257	115	15.9	2.53	2.20E+01	89.8
2166	10.811	-3.6257	115	25.1	3.99	3.48E+01	89.9
2167	10.811	-3.6257	115	39.8	6.33	5.51E+01	89.7
2168	10.811	-3.6257	115	63.1	10.04	8.72E+01	89.7
2169	10.811	-3.6257	115	100	15.92	1.37E+02	89.4
2170	10.755	-3.5892	15	1	0.16	3.15E+06	49.7
2171	10.755	-3.5892	15	1.59	0.25	4.04E+06	48.3
2172	10.755	-3.5892	15	2.51	0.4	5.18E+06	47.1
2173	10.755	-3.5892	15	3.98	0.63	6.53E+06	45.8
2174	10.755	-3.5892	15	6.31	1	8.26E+06	44.8
2175	10.755	-3.5892	15	10	1.59	1.02E+07	43.2
2176	10.755	-3.5892	15	15.9	2.53	1.32E+07	42.3
2177	10.755	-3.5892	15	25.1	3.99	1.59E+07	41.3
2178	10.755	-3.5892	15	39.8	6.33	1.93E+07	40
2179	10.755	-3.5892	15	63.1	10.04	2.40E+07	39.3
2180	10.755	-3.5892	15	100	15.92	2.89E+07	38
2181	10.755	-3.5892	25	1	0.16	6.14E+05	57
2182	10.755	-3.5892	25	1.59	0.25	8.17E+05	56
2183	10.755	-3.5892	25	2.51	0.4	1.08E+06	54.9
2184	10.755	-3.5892	25	3.98	0.63	1.42E+06	53.6
2185	10.755	-3.5892	25	6.31	1	1.86E+06	52.5
2186	10.755	-3.5892	25	10	1.59	2.43E+06	51.5
2187	10.755	-3.5892	25	15.9	2.53	3.19E+06	50.9
2188	10.755	-3.5892	25	25.1	3.99	4.08E+06	50.1
2189	10.755	-3.5892	25	39.8	6.33	5.22E+06	48.7
2190	10.755	-3.5892	25	63.1	10.04	6.64E+06	47.7
2191	10.755	-3.5892	25	100	15.92	8.39E+06	46.9
2192	10.755	-3.5892	35	1	0.16	1.10E+05	64.2
2193	10.755	-3.5892	35	1.59	0.25	1.51E+05	63
2194	10.755	-3.5892	35	2.51	0.4	2.08E+05	62
2195	10.755	-3.5892	35	3.98	0.63	2.83E+05	61
2196	10.755	-3.5892	35	6.31	1	3.83E+05	60.1
2197	10.755	-3.5892	35	10	1.59	5.17E+05	59.2
2198	10.755	-3.5892	35	15.9	2.53	7.02E+05	58.1
2199	10.755	-3.5892	35	25.1	3.99	9.43E+05	57.1
2200	10.755	-3.5892	35	39.8	6.33	1.25E+06	56.3
2201	10.755	-3.5892	35	63.1	10.04	1.66E+06	55.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2202	10.755	-3.5892	35	100	15.92	2.19E+06	54.7
2203	10.755	-3.5892	45	1	0.16	1.63E+04	71.4
2204	10.755	-3.5892	45	1.59	0.25	2.33E+04	70.1
2205	10.755	-3.5892	45	2.51	0.4	3.34E+04	68.9
2206	10.755	-3.5892	45	3.98	0.63	4.73E+04	67.8
2207	10.755	-3.5892	45	6.31	1	6.66E+04	66.7
2208	10.755	-3.5892	45	10	1.59	9.32E+04	65.7
2209	10.755	-3.5892	45	15.9	2.53	1.31E+05	65.1
2210	10.755	-3.5892	45	25.1	3.99	1.82E+05	63.6
2211	10.755	-3.5892	45	39.8	6.33	2.51E+05	63.1
2212	10.755	-3.5892	45	63.1	10.04	3.48E+05	62.7
2213	10.755	-3.5892	45	100	15.92	4.72E+05	61.8
2214	10.755	-3.5892	60	1	0.16	1.38E+03	82.2
2215	10.755	-3.5892	60	1.59	0.25	2.09E+03	80.7
2216	10.755	-3.5892	60	2.51	0.4	3.15E+03	79.2
2217	10.755	-3.5892	60	3.98	0.63	4.70E+03	77.9
2218	10.755	-3.5892	60	6.31	1	6.97E+03	76.6
2219	10.755	-3.5892	60	10	1.59	1.03E+04	75.3
2220	10.755	-3.5892	60	15.9	2.53	1.50E+04	74.5
2221	10.755	-3.5892	60	25.1	3.99	2.18E+04	73.4
2222	10.755	-3.5892	60	39.8	6.33	3.14E+04	72.3
2223	10.755	-3.5892	60	63.1	10.04	4.51E+04	71.5
2224	10.755	-3.5892	60	100	15.92	6.43E+04	70.9
2225	10.755	-3.5892	70	1	0.16	3.31E+02	85.7
2226	10.755	-3.5892	70	1.59	0.25	5.12E+02	85.2
2227	10.755	-3.5892	70	2.51	0.4	7.92E+02	84.2
2228	10.755	-3.5892	70	3.98	0.63	1.22E+03	82.8
2229	10.755	-3.5892	70	6.31	1	1.85E+03	81.8
2230	10.755	-3.5892	70	10	1.59	2.80E+03	80.6
2231	10.755	-3.5892	70	15.9	2.53	4.22E+03	79.4
2232	10.755	-3.5892	70	25.1	3.99	6.31E+03	78.3
2233	10.755	-3.5892	70	39.8	6.33	9.36E+03	77.2
2234	10.755	-3.5892	70	63.1	10.04	1.37E+04	76.1
2235	10.755	-3.5892	70	100	15.92	2.01E+04	75.3
2236	10.755	-3.5892	80	1	0.16	9.04E+01	88.6
2237	10.755	-3.5892	80	1.59	0.25	1.42E+02	87.9
2238	10.755	-3.5892	80	2.51	0.4	2.23E+02	87.3
2239	10.755	-3.5892	80	3.98	0.63	3.47E+02	86.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2240	10.755	-3.5892	80	6.31	1	5.39E+02	85.7
2241	10.755	-3.5892	80	10	1.59	8.30E+02	84.9
2242	10.755	-3.5892	80	15.9	2.53	1.28E+03	83.5
2243	10.755	-3.5892	80	25.1	3.99	1.95E+03	82.6
2244	10.755	-3.5892	80	39.8	6.33	2.96E+03	81.4
2245	10.755	-3.5892	80	63.1	10.04	4.46E+03	80.4
2246	10.755	-3.5892	80	100	15.92	6.67E+03	79.4
2247	10.755	-3.5892	95	1	0.16	1.69E+01	89.7
2248	10.755	-3.5892	95	1.59	0.25	2.68E+01	89.4
2249	10.755	-3.5892	95	2.51	0.4	4.25E+01	89.3
2250	10.755	-3.5892	95	3.98	0.63	6.68E+01	89
2251	10.755	-3.5892	95	6.31	1	1.06E+02	88.6
2252	10.755	-3.5892	95	10	1.59	1.66E+02	88.2
2253	10.755	-3.5892	95	15.9	2.53	2.61E+02	87.5
2254	10.755	-3.5892	95	25.1	3.99	4.07E+02	86.9
2255	10.755	-3.5892	95	39.8	6.33	6.36E+02	86.4
2256	10.755	-3.5892	95	63.1	10.04	9.84E+02	85.5
2257	10.755	-3.5892	95	100	15.92	1.51E+03	84.7
2258	10.755	-3.5892	105	1	0.16	6.97E+00	88
2259	10.755	-3.5892	105	1.59	0.25	1.08E+01	90.7
2260	10.755	-3.5892	105	2.51	0.4	1.72E+01	89.6
2261	10.755	-3.5892	105	3.98	0.63	2.77E+01	89.7
2262	10.755	-3.5892	105	6.31	1	4.39E+01	89.3
2263	10.755	-3.5892	105	10	1.59	6.95E+01	89.2
2264	10.755	-3.5892	105	15.9	2.53	1.10E+02	88.8
2265	10.755	-3.5892	105	25.1	3.99	1.73E+02	88.8
2266	10.755	-3.5892	105	39.8	6.33	2.72E+02	88.4
2267	10.755	-3.5892	105	63.1	10.04	4.27E+02	87.8
2268	10.755	-3.5892	105	100	15.92	6.64E+02	87.1
2269	10.755	-3.5892	115	1	0.16	3.18E+00	89.5
2270	10.755	-3.5892	115	1.59	0.25	5.15E+00	90.7
2271	10.755	-3.5892	115	2.51	0.4	8.20E+00	90
2272	10.755	-3.5892	115	3.98	0.63	1.30E+01	89.6
2273	10.755	-3.5892	115	6.31	1	2.06E+01	89.6
2274	10.755	-3.5892	115	10	1.59	3.25E+01	89.5
2275	10.755	-3.5892	115	15.9	2.53	5.13E+01	89.5
2276	10.755	-3.5892	115	25.1	3.99	8.11E+01	89.4
2277	10.755	-3.5892	115	39.8	6.33	1.28E+02	89.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2278	10.755	-3.5892	115	63.1	10.04	2.01E+02	88.9
2279	10.755	-3.5892	115	100	15.92	3.17E+02	88.4
2280	10.653	-3.5531	15	1	0.16	3.03E+06	48.9
2281	10.653	-3.5531	15	1.59	0.25	3.86E+06	47.6
2282	10.653	-3.5531	15	2.51	0.4	4.88E+06	46.4
2283	10.653	-3.5531	15	3.98	0.63	6.15E+06	45.4
2284	10.653	-3.5531	15	6.31	1	7.67E+06	44.2
2285	10.653	-3.5531	15	10	1.59	9.58E+06	43.4
2286	10.653	-3.5531	15	15.9	2.53	1.21E+07	42
2287	10.653	-3.5531	15	25.1	3.99	1.49E+07	41.5
2288	10.653	-3.5531	15	39.8	6.33	1.83E+07	40.6
2289	10.653	-3.5531	15	63.1	10.04	2.23E+07	39.3
2290	10.653	-3.5531	15	100	15.92	2.69E+07	37.9
2291	10.653	-3.5531	25	1	0.16	5.15E+05	57.7
2292	10.653	-3.5531	25	1.59	0.25	6.93E+05	56.6
2293	10.653	-3.5531	25	2.51	0.4	9.22E+05	55.5
2294	10.653	-3.5531	25	3.98	0.63	1.22E+06	54.5
2295	10.653	-3.5531	25	6.31	1	1.61E+06	53.4
2296	10.653	-3.5531	25	10	1.59	2.11E+06	52.4
2297	10.653	-3.5531	25	15.9	2.53	2.83E+06	51.5
2298	10.653	-3.5531	25	25.1	3.99	3.65E+06	50.5
2299	10.653	-3.5531	25	39.8	6.33	4.69E+06	49.5
2300	10.653	-3.5531	25	63.1	10.04	5.97E+06	48.4
2301	10.653	-3.5531	25	100	15.92	7.58E+06	47.5
2302	10.653	-3.5531	35	1	0.16	9.04E+04	64.8
2303	10.653	-3.5531	35	1.59	0.25	1.26E+05	63.9
2304	10.653	-3.5531	35	2.51	0.4	1.73E+05	62.8
2305	10.653	-3.5531	35	3.98	0.63	2.39E+05	61.8
2306	10.653	-3.5531	35	6.31	1	3.26E+05	61
2307	10.653	-3.5531	35	10	1.59	4.43E+05	60.1
2308	10.653	-3.5531	35	15.9	2.53	6.05E+05	59.2
2309	10.653	-3.5531	35	25.1	3.99	8.17E+05	58.2
2310	10.653	-3.5531	35	39.8	6.33	1.10E+06	57.4
2311	10.653	-3.5531	35	63.1	10.04	1.46E+06	56.7
2312	10.653	-3.5531	35	100	15.92	1.93E+06	55.8
2313	10.653	-3.5531	45	1	0.16	1.73E+04	71.6
2314	10.653	-3.5531	45	1.59	0.25	2.47E+04	70.2
2315	10.653	-3.5531	45	2.51	0.4	3.51E+04	69.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2316	10.653	-3.5531	45	3.98	0.63	4.94E+04	68
2317	10.653	-3.5531	45	6.31	1	6.90E+04	67.1
2318	10.653	-3.5531	45	10	1.59	9.88E+04	65.7
2319	10.653	-3.5531	45	15.9	2.53	1.37E+05	64.9
2320	10.653	-3.5531	45	25.1	3.99	1.90E+05	64
2321	10.653	-3.5531	45	39.8	6.33	2.63E+05	63.3
2322	10.653	-3.5531	45	63.1	10.04	3.60E+05	62.7
2323	10.653	-3.5531	45	100	15.92	4.90E+05	62.1
2324	10.653	-3.5531	60	1	0.16	1.52E+03	81.7
2325	10.653	-3.5531	60	1.59	0.25	2.28E+03	80.1
2326	10.653	-3.5531	60	2.51	0.4	3.44E+03	78.8
2327	10.653	-3.5531	60	3.98	0.63	5.11E+03	77.6
2328	10.653	-3.5531	60	6.31	1	7.58E+03	76.3
2329	10.653	-3.5531	60	10	1.59	1.12E+04	75.6
2330	10.653	-3.5531	60	15.9	2.53	1.64E+04	74.3
2331	10.653	-3.5531	60	25.1	3.99	2.37E+04	73.3
2332	10.653	-3.5531	60	39.8	6.33	3.42E+04	72.3
2333	10.653	-3.5531	60	63.1	10.04	4.90E+04	71.7
2334	10.653	-3.5531	60	100	15.92	6.99E+04	70.8
2335	10.653	-3.5531	70	1	0.16	3.59E+02	86.4
2336	10.653	-3.5531	70	1.59	0.25	5.53E+02	85
2337	10.653	-3.5531	70	2.51	0.4	8.53E+02	83.9
2338	10.653	-3.5531	70	3.98	0.63	1.31E+03	82.8
2339	10.653	-3.5531	70	6.31	1	1.99E+03	81.5
2340	10.653	-3.5531	70	10	1.59	3.07E+03	80.3
2341	10.653	-3.5531	70	15.9	2.53	4.61E+03	79.3
2342	10.653	-3.5531	70	25.1	3.99	6.89E+03	78
2343	10.653	-3.5531	70	39.8	6.33	1.02E+04	76.9
2344	10.653	-3.5531	70	63.1	10.04	1.50E+04	75.8
2345	10.653	-3.5531	70	100	15.92	2.19E+04	75.2
2346	10.653	-3.5531	80	1	0.16	9.82E+01	88.6
2347	10.653	-3.5531	80	1.59	0.25	1.55E+02	87.9
2348	10.653	-3.5531	80	2.51	0.4	2.43E+02	87.3
2349	10.653	-3.5531	80	3.98	0.63	3.78E+02	86.4
2350	10.653	-3.5531	80	6.31	1	5.87E+02	85.4
2351	10.653	-3.5531	80	10	1.59	9.08E+02	84.3
2352	10.653	-3.5531	80	15.9	2.53	1.39E+03	83.2
2353	10.653	-3.5531	80	25.1	3.99	2.13E+03	82.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2354	10.653	-3.5531	80	39.8	6.33	3.22E+03	81.1
2355	10.653	-3.5531	80	63.1	10.04	4.85E+03	80.2
2356	10.653	-3.5531	80	100	15.92	7.24E+03	79.2
2357	10.653	-3.5531	95	1	0.16	1.82E+01	87.7
2358	10.653	-3.5531	95	1.59	0.25	2.83E+01	90.4
2359	10.653	-3.5531	95	2.51	0.4	4.45E+01	89.6
2360	10.653	-3.5531	95	3.98	0.63	7.08E+01	88.6
2361	10.653	-3.5531	95	6.31	1	1.12E+02	88.5
2362	10.653	-3.5531	95	10	1.59	1.76E+02	88
2363	10.653	-3.5531	95	15.9	2.53	2.76E+02	88.1
2364	10.653	-3.5531	95	25.1	3.99	4.34E+02	86.9
2365	10.653	-3.5531	95	39.8	6.33	6.85E+02	86.9
2366	10.653	-3.5531	95	63.1	10.04	1.04E+03	85.6
2367	10.653	-3.5531	95	100	15.92	1.60E+03	84.8
2368	10.653	-3.5531	105	1	0.16	7.43E+00	88.4
2369	10.653	-3.5531	105	1.59	0.25	1.20E+01	88.5
2370	10.653	-3.5531	105	2.51	0.4	1.85E+01	88.8
2371	10.653	-3.5531	105	3.98	0.63	2.89E+01	89.5
2372	10.653	-3.5531	105	6.31	1	4.56E+01	89.2
2373	10.653	-3.5531	105	10	1.59	7.22E+01	89.1
2374	10.653	-3.5531	105	15.9	2.53	1.13E+02	88.9
2375	10.653	-3.5531	105	25.1	3.99	1.78E+02	89
2376	10.653	-3.5531	105	39.8	6.33	2.80E+02	87.7
2377	10.653	-3.5531	105	63.1	10.04	4.39E+02	87.7
2378	10.653	-3.5531	105	100	15.92	6.82E+02	86.9
2379	10.653	-3.5531	115	1	0.16	3.30E+00	87.4
2380	10.653	-3.5531	115	1.59	0.25	5.09E+00	90.6
2381	10.653	-3.5531	115	2.51	0.4	7.76E+00	89.6
2382	10.653	-3.5531	115	3.98	0.63	1.24E+01	89.6
2383	10.653	-3.5531	115	6.31	1	1.96E+01	89.3
2384	10.653	-3.5531	115	10	1.59	3.11E+01	89.4
2385	10.653	-3.5531	115	15.9	2.53	4.91E+01	89.5
2386	10.653	-3.5531	115	25.1	3.99	7.73E+01	89.1
2387	10.653	-3.5531	115	39.8	6.33	1.23E+02	88.9
2388	10.653	-3.5531	115	63.1	10.04	1.93E+02	88.7
2389	10.653	-3.5531	115	100	15.92	3.03E+02	88.3
2390	10.817	-3.6298	15	1	0.16	9.51E+05	66.7
2391	10.817	-3.6298	15	1.59	0.25	1.34E+06	65.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2392	10.817	-3.6298	15	2.51	0.4	1.86E+06	63.6
2393	10.817	-3.6298	15	3.98	0.63	2.56E+06	61.9
2394	10.817	-3.6298	15	6.31	1	3.49E+06	60.2
2395	10.817	-3.6298	15	10	1.59	4.73E+06	58.4
2396	10.817	-3.6298	15	15.9	2.53	6.52E+06	57.2
2397	10.817	-3.6298	15	25.1	3.99	8.70E+06	56.1
2398	10.817	-3.6298	15	39.8	6.33	1.14E+07	53.7
2399	10.817	-3.6298	15	63.1	10.04	1.48E+07	51.7
2400	10.817	-3.6298	15	100	15.92	1.91E+07	50.1
2401	10.817	-3.6298	25	1	0.16	1.22E+05	74.1
2402	10.817	-3.6298	25	1.59	0.25	1.79E+05	73.2
2403	10.817	-3.6298	25	2.51	0.4	2.59E+05	72.2
2404	10.817	-3.6298	25	3.98	0.63	3.75E+05	71.2
2405	10.817	-3.6298	25	6.31	1	5.38E+05	70
2406	10.817	-3.6298	25	10	1.59	7.68E+05	68.8
2407	10.817	-3.6298	25	15.9	2.53	1.09E+06	67.7
2408	10.817	-3.6298	25	25.1	3.99	1.53E+06	66.5
2409	10.817	-3.6298	25	39.8	6.33	2.13E+06	64.9
2410	10.817	-3.6298	25	63.1	10.04	2.95E+06	63.4
2411	10.817	-3.6298	25	100	15.92	4.04E+06	61.9
2412	10.817	-3.6298	35	1	0.16	1.70E+04	80.2
2413	10.817	-3.6298	35	1.59	0.25	2.55E+04	79.5
2414	10.817	-3.6298	35	2.51	0.4	3.79E+04	78.4
2415	10.817	-3.6298	35	3.98	0.63	5.63E+04	77.5
2416	10.817	-3.6298	35	6.31	1	8.28E+04	76.6
2417	10.817	-3.6298	35	10	1.59	1.21E+05	75.8
2418	10.817	-3.6298	35	15.9	2.53	1.80E+05	74.6
2419	10.817	-3.6298	35	25.1	3.99	2.61E+05	73.6
2420	10.817	-3.6298	35	39.8	6.33	3.78E+05	72.7
2421	10.817	-3.6298	35	63.1	10.04	5.46E+05	71.7
2422	10.817	-3.6298	35	100	15.92	7.80E+05	70.8
2423	10.817	-3.6298	45	1	0.16	2.16E+03	84.6
2424	10.817	-3.6298	45	1.59	0.25	3.35E+03	84.4
2425	10.817	-3.6298	45	2.51	0.4	5.17E+03	83.4
2426	10.817	-3.6298	45	3.98	0.63	7.87E+03	82.6
2427	10.817	-3.6298	45	6.31	1	1.19E+04	81.7
2428	10.817	-3.6298	45	10	1.59	1.79E+04	80.9
2429	10.817	-3.6298	45	15.9	2.53	2.73E+04	79.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2430	10.817	-3.6298	45	25.1	3.99	4.08E+04	78.8
2431	10.817	-3.6298	45	39.8	6.33	6.04E+04	77.9
2432	10.817	-3.6298	45	63.1	10.04	9.04E+04	77.6
2433	10.817	-3.6298	45	100	15.92	1.33E+05	76.8
2434	10.817	-3.6298	60	1	0.16	2.12E+02	88.9
2435	10.817	-3.6298	60	1.59	0.25	3.31E+02	88.4
2436	10.817	-3.6298	60	2.51	0.4	5.19E+02	87.8
2437	10.817	-3.6298	60	3.98	0.63	8.13E+02	87.4
2438	10.817	-3.6298	60	6.31	1	1.27E+03	86.7
2439	10.817	-3.6298	60	10	1.59	1.97E+03	86.1
2440	10.817	-3.6298	60	15.9	2.53	3.10E+03	85.6
2441	10.817	-3.6298	60	25.1	3.99	4.79E+03	84.8
2442	10.817	-3.6298	60	39.8	6.33	7.35E+03	84.2
2443	10.817	-3.6298	60	63.1	10.04	1.13E+04	83.6
2444	10.817	-3.6298	60	100	15.92	1.71E+04	82.9
2445	10.817	-3.6298	70	1	0.16	6.14E+01	89.1
2446	10.817	-3.6298	70	1.59	0.25	9.78E+01	89.1
2447	10.817	-3.6298	70	2.51	0.4	1.55E+02	89.1
2448	10.817	-3.6298	70	3.98	0.63	2.44E+02	89
2449	10.817	-3.6298	70	6.31	1	3.84E+02	88.6
2450	10.817	-3.6298	70	10	1.59	6.03E+02	88.2
2451	10.817	-3.6298	70	15.9	2.53	9.51E+02	87.7
2452	10.817	-3.6298	70	25.1	3.99	1.48E+03	87.2
2453	10.817	-3.6298	70	39.8	6.33	2.31E+03	86.5
2454	10.817	-3.6298	70	63.1	10.04	3.61E+03	86.1
2455	10.817	-3.6298	70	100	15.92	5.51E+03	85.4
2456	10.817	-3.6298	80	1	0.16	2.12E+01	89.1
2457	10.817	-3.6298	80	1.59	0.25	3.32E+01	89.6
2458	10.817	-3.6298	80	2.51	0.4	5.23E+01	89.6
2459	10.817	-3.6298	80	3.98	0.63	8.30E+01	89.5
2460	10.817	-3.6298	80	6.31	1	1.31E+02	89.4
2461	10.817	-3.6298	80	10	1.59	2.07E+02	89.3
2462	10.817	-3.6298	80	15.9	2.53	3.23E+02	88.9
2463	10.817	-3.6298	80	25.1	3.99	5.10E+02	88.5
2464	10.817	-3.6298	80	39.8	6.33	8.00E+02	88.2
2465	10.817	-3.6298	80	63.1	10.04	1.25E+03	87.8
2466	10.817	-3.6298	80	100	15.92	1.95E+03	87.4
2467	10.817	-3.6298	95	1	0.16	5.14E+00	89.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2468	10.817	-3.6298	95	1.59	0.25	7.97E+00	89.1
2469	10.817	-3.6298	95	2.51	0.4	1.26E+01	89.5
2470	10.817	-3.6298	95	3.98	0.63	2.02E+01	89.6
2471	10.817	-3.6298	95	6.31	1	3.18E+01	89.8
2472	10.817	-3.6298	95	10	1.59	5.03E+01	89.7
2473	10.817	-3.6298	95	15.9	2.53	8.15E+01	89.9
2474	10.817	-3.6298	95	25.1	3.99	1.28E+02	90
2475	10.817	-3.6298	95	39.8	6.33	2.03E+02	89.4
2476	10.817	-3.6298	95	63.1	10.04	3.14E+02	89.5
2477	10.817	-3.6298	95	100	15.92	5.05E+02	89.3
2478	10.817	-3.6298	105	1	0.16	2.61E+00	91.7
2479	10.817	-3.6298	105	1.59	0.25	3.91E+00	87.2
2480	10.817	-3.6298	105	2.51	0.4	6.26E+00	90.3
2481	10.817	-3.6298	105	3.98	0.63	9.97E+00	89.6
2482	10.817	-3.6298	105	6.31	1	1.58E+01	89.8
2483	10.817	-3.6298	105	10	1.59	2.50E+01	89.7
2484	10.817	-3.6298	105	15.9	2.53	3.95E+01	90.1
2485	10.817	-3.6298	105	25.1	3.99	6.24E+01	89.9
2486	10.817	-3.6298	105	39.8	6.33	9.87E+01	89.8
2487	10.817	-3.6298	105	63.1	10.04	1.56E+02	89.9
2488	10.817	-3.6298	105	100	15.92	2.46E+02	89.8
2489	10.783	-3.6067	15	1	0.16	2.21E+06	58
2490	10.783	-3.6067	15	1.59	0.25	2.97E+06	56.4
2491	10.783	-3.6067	15	2.51	0.4	3.92E+06	54.6
2492	10.783	-3.6067	15	3.98	0.63	5.17E+06	53.2
2493	10.783	-3.6067	15	6.31	1	6.72E+06	52.1
2494	10.783	-3.6067	15	10	1.59	8.66E+06	49.8
2495	10.783	-3.6067	15	15.9	2.53	1.17E+07	48.2
2496	10.783	-3.6067	15	25.1	3.99	1.46E+07	47.6
2497	10.783	-3.6067	15	39.8	6.33	1.83E+07	45.5
2498	10.783	-3.6067	15	63.1	10.04	2.30E+07	44.3
2499	10.783	-3.6067	15	100	15.92	2.82E+07	43.1
2500	10.783	-3.6067	25	1	0.16	3.32E+05	65.9
2501	10.783	-3.6067	25	1.59	0.25	4.62E+05	64.8
2502	10.783	-3.6067	25	2.51	0.4	6.43E+05	63.5
2503	10.783	-3.6067	25	3.98	0.63	8.85E+05	62.4
2504	10.783	-3.6067	25	6.31	1	1.22E+06	61.2
2505	10.783	-3.6067	25	10	1.59	1.66E+06	60

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2506	10.783	-3.6067	25	15.9	2.53	2.26E+06	58.9
2507	10.783	-3.6067	25	25.1	3.99	3.03E+06	57.7
2508	10.783	-3.6067	25	39.8	6.33	4.04E+06	56.2
2509	10.783	-3.6067	25	63.1	10.04	5.34E+06	54.9
2510	10.783	-3.6067	25	100	15.92	7.00E+06	53.6
2511	10.783	-3.6067	35	1	0.16	5.00E+04	72.6
2512	10.783	-3.6067	35	1.59	0.25	7.20E+04	71.3
2513	10.783	-3.6067	35	2.51	0.4	1.03E+05	70.4
2514	10.783	-3.6067	35	3.98	0.63	1.47E+05	69.6
2515	10.783	-3.6067	35	6.31	1	2.09E+05	68.6
2516	10.783	-3.6067	35	10	1.59	2.95E+05	67.6
2517	10.783	-3.6067	35	15.9	2.53	4.20E+05	66.5
2518	10.783	-3.6067	35	25.1	3.99	5.88E+05	65.2
2519	10.783	-3.6067	35	39.8	6.33	8.19E+05	64.7
2520	10.783	-3.6067	35	63.1	10.04	1.13E+06	63.7
2521	10.783	-3.6067	35	100	15.92	1.55E+06	62.7
2522	10.783	-3.6067	45	1	0.16	7.00E+03	79.4
2523	10.783	-3.6067	45	1.59	0.25	1.01E+04	78.4
2524	10.783	-3.6067	45	2.51	0.4	1.53E+04	77.5
2525	10.783	-3.6067	45	3.98	0.63	2.25E+04	76.4
2526	10.783	-3.6067	45	6.31	1	3.31E+04	74.9
2527	10.783	-3.6067	45	10	1.59	4.85E+04	74.1
2528	10.783	-3.6067	45	15.9	2.53	7.05E+04	73.2
2529	10.783	-3.6067	45	25.1	3.99	1.00E+05	72.3
2530	10.783	-3.6067	45	39.8	6.33	1.47E+05	71.6
2531	10.783	-3.6067	45	63.1	10.04	2.12E+05	70.7
2532	10.783	-3.6067	45	100	15.92	3.00E+05	70.2
2533	10.783	-3.6067	60	1	0.16	5.73E+02	86.9
2534	10.783	-3.6067	60	1.59	0.25	8.91E+02	85.7
2535	10.783	-3.6067	60	2.51	0.4	1.38E+03	84.7
2536	10.783	-3.6067	60	3.98	0.63	2.12E+03	83.8
2537	10.783	-3.6067	60	6.31	1	3.25E+03	82.8
2538	10.783	-3.6067	60	10	1.59	4.94E+03	81.8
2539	10.783	-3.6067	60	15.9	2.53	7.52E+03	81.2
2540	10.783	-3.6067	60	25.1	3.99	1.13E+04	80
2541	10.783	-3.6067	60	39.8	6.33	1.69E+04	79.3
2542	10.783	-3.6067	60	63.1	10.04	2.52E+04	78.3
2543	10.783	-3.6067	60	100	15.92	3.71E+04	77.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2544	10.783	-3.6067	70	1	0.16	1.47E+02	88.1
2545	10.783	-3.6067	70	1.59	0.25	2.31E+02	88.2
2546	10.783	-3.6067	70	2.51	0.4	3.61E+02	87.6
2547	10.783	-3.6067	70	3.98	0.63	5.64E+02	86.9
2548	10.783	-3.6067	70	6.31	1	8.79E+02	86.1
2549	10.783	-3.6067	70	10	1.59	1.36E+03	85.3
2550	10.783	-3.6067	70	15.9	2.53	2.10E+03	84.4
2551	10.783	-3.6067	70	25.1	3.99	3.23E+03	83.6
2552	10.783	-3.6067	70	39.8	6.33	4.93E+03	82.7
2553	10.783	-3.6067	70	63.1	10.04	7.48E+03	81.9
2554	10.783	-3.6067	70	100	15.92	1.13E+04	81.2
2555	10.783	-3.6067	80	1	0.16	4.77E+01	87
2556	10.783	-3.6067	80	1.59	0.25	6.81E+01	88.9
2557	10.783	-3.6067	80	2.51	0.4	1.09E+02	89.6
2558	10.783	-3.6067	80	3.98	0.63	1.74E+02	88.5
2559	10.783	-3.6067	80	6.31	1	2.75E+02	88.2
2560	10.783	-3.6067	80	10	1.59	4.32E+02	87.6
2561	10.783	-3.6067	80	15.9	2.53	6.74E+02	87.3
2562	10.783	-3.6067	80	25.1	3.99	1.05E+03	86.6
2563	10.783	-3.6067	80	39.8	6.33	1.63E+03	85.8
2564	10.783	-3.6067	80	63.1	10.04	2.52E+03	85
2565	10.783	-3.6067	80	100	15.92	3.85E+03	84.5
2566	10.783	-3.6067	95	1	0.16	9.83E+00	94
2567	10.783	-3.6067	95	1.59	0.25	1.57E+01	89.6
2568	10.783	-3.6067	95	2.51	0.4	2.48E+01	90.1
2569	10.783	-3.6067	95	3.98	0.63	3.91E+01	89.3
2570	10.783	-3.6067	95	6.31	1	6.19E+01	89.3
2571	10.783	-3.6067	95	10	1.59	9.77E+01	89.4
2572	10.783	-3.6067	95	15.9	2.53	1.54E+02	89.5
2573	10.783	-3.6067	95	25.1	3.99	2.48E+02	88.8
2574	10.783	-3.6067	95	39.8	6.33	3.85E+02	88.5
2575	10.783	-3.6067	95	63.1	10.04	6.06E+02	88.2
2576	10.783	-3.6067	95	100	15.92	9.44E+02	88
2577	10.783	-3.6067	105	1	0.16	4.69E+00	89.1
2578	10.783	-3.6067	105	1.59	0.25	6.82E+00	92.9
2579	10.783	-3.6067	105	2.51	0.4	1.11E+01	89.3
2580	10.783	-3.6067	105	3.98	0.63	1.76E+01	89.5
2581	10.783	-3.6067	105	6.31	1	2.78E+01	89.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2582	10.783	-3.6067	105	10	1.59	4.38E+01	89.5
2583	10.783	-3.6067	105	15.9	2.53	6.95E+01	89.4
2584	10.783	-3.6067	105	25.1	3.99	1.10E+02	89.5
2585	10.783	-3.6067	105	39.8	6.33	1.72E+02	89.3
2586	10.783	-3.6067	105	63.1	10.04	2.73E+02	89.3
2587	10.783	-3.6067	105	100	15.92	4.27E+02	88.5
2588	10.783	-3.6067	115	1	0.16	2.24E+00	87.9
2589	10.783	-3.6067	115	1.59	0.25	3.43E+00	89.7
2590	10.783	-3.6067	115	2.51	0.4	5.50E+00	90.1
2591	10.783	-3.6067	115	3.98	0.63	8.65E+00	90.3
2592	10.783	-3.6067	115	6.31	1	1.38E+01	89.6
2593	10.783	-3.6067	115	10	1.59	2.18E+01	89.6
2594	10.783	-3.6067	115	15.9	2.53	3.44E+01	89.7
2595	10.783	-3.6067	115	25.1	3.99	5.40E+01	89.6
2596	10.783	-3.6067	115	39.8	6.33	8.55E+01	89.7
2597	10.783	-3.6067	115	63.1	10.04	1.36E+02	89.6
2598	10.783	-3.6067	115	100	15.92	2.14E+02	89.4
2599	10.623	-3.5328	15	1	0.16	6.68E+06	44.9
2600	10.623	-3.5328	15	1.59	0.25	8.38E+06	43.4
2601	10.623	-3.5328	15	2.51	0.4	1.03E+07	42.3
2602	10.623	-3.5328	15	3.98	0.63	1.25E+07	40.3
2603	10.623	-3.5328	15	6.31	1	1.55E+07	39.5
2604	10.623	-3.5328	15	10	1.59	1.88E+07	38.8
2605	10.623	-3.5328	15	15.9	2.53	2.34E+07	34
2606	10.623	-3.5328	15	25.1	3.99	2.78E+07	35.4
2607	10.623	-3.5328	15	39.8	6.33	3.35E+07	34
2608	10.623	-3.5328	15	63.1	10.04	3.74E+07	31.9
2609	10.623	-3.5328	15	100	15.92	4.61E+07	31.3
2610	10.623	-3.5328	25	1	0.16	1.40E+06	52.5
2611	10.623	-3.5328	25	1.59	0.25	1.82E+06	51.3
2612	10.623	-3.5328	25	2.51	0.4	2.35E+06	50.3
2613	10.623	-3.5328	25	3.98	0.63	3.03E+06	48.9
2614	10.623	-3.5328	25	6.31	1	3.87E+06	47.8
2615	10.623	-3.5328	25	10	1.59	4.91E+06	46.6
2616	10.623	-3.5328	25	15.9	2.53	6.27E+06	46.4
2617	10.623	-3.5328	25	25.1	3.99	7.91E+06	45.1
2618	10.623	-3.5328	25	39.8	6.33	9.86E+06	44.1
2619	10.623	-3.5328	25	63.1	10.04	1.22E+07	42.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2620	10.623	-3.5328	25	100	15.92	1.50E+07	41.7
2621	10.623	-3.5328	35	1	0.16	2.72E+05	59.5
2622	10.623	-3.5328	35	1.59	0.25	3.67E+05	58.4
2623	10.623	-3.5328	35	2.51	0.4	4.94E+05	57.3
2624	10.623	-3.5328	35	3.98	0.63	6.59E+05	56.3
2625	10.623	-3.5328	35	6.31	1	8.76E+05	55.2
2626	10.623	-3.5328	35	10	1.59	1.16E+06	54.3
2627	10.623	-3.5328	35	15.9	2.53	1.53E+06	53.4
2628	10.623	-3.5328	35	25.1	3.99	2.00E+06	52.5
2629	10.623	-3.5328	35	39.8	6.33	2.60E+06	51.4
2630	10.623	-3.5328	35	63.1	10.04	3.36E+06	50.6
2631	10.623	-3.5328	35	100	15.92	4.31E+06	49.6
2632	10.623	-3.5328	45	1	0.16	2.34E+04	69.3
2633	10.623	-3.5328	45	1.59	0.25	3.27E+04	68.2
2634	10.623	-3.5328	45	2.51	0.4	4.56E+04	67.2
2635	10.623	-3.5328	45	3.98	0.63	6.29E+04	66.3
2636	10.623	-3.5328	45	6.31	1	8.61E+04	65.7
2637	10.623	-3.5328	45	10	1.59	1.16E+05	65.2
2638	10.623	-3.5328	45	15.9	2.53	1.73E+05	63
2639	10.623	-3.5328	45	25.1	3.99	2.38E+05	62.1
2640	10.623	-3.5328	45	39.8	6.33	3.26E+05	61.6
2641	10.623	-3.5328	45	63.1	10.04	4.44E+05	61.1
2642	10.623	-3.5328	45	100	15.92	5.99E+05	60.5
2643	10.623	-3.5328	60	1	0.16	3.73E+03	78.9
2644	10.623	-3.5328	60	1.59	0.25	5.55E+03	77.1
2645	10.623	-3.5328	60	2.51	0.4	8.15E+03	75.6
2646	10.623	-3.5328	60	3.98	0.63	1.19E+04	74.3
2647	10.623	-3.5328	60	6.31	1	1.73E+04	73
2648	10.623	-3.5328	60	10	1.59	2.50E+04	71.7
2649	10.623	-3.5328	60	15.9	2.53	3.64E+04	71
2650	10.623	-3.5328	60	25.1	3.99	5.22E+04	70.4
2651	10.623	-3.5328	60	39.8	6.33	7.36E+04	69.4
2652	10.623	-3.5328	60	63.1	10.04	1.04E+05	67.9
2653	10.623	-3.5328	60	100	15.92	1.47E+05	68.1
2654	10.623	-3.5328	70	1	0.16	8.47E+02	83.9
2655	10.623	-3.5328	70	1.59	0.25	1.30E+03	82.7
2656	10.623	-3.5328	70	2.51	0.4	1.98E+03	81.5
2657	10.623	-3.5328	70	3.98	0.63	2.99E+03	80

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2658	10.623	-3.5328	70	6.31	1	4.48E+03	78.7
2659	10.623	-3.5328	70	10	1.59	6.68E+03	77.4
2660	10.623	-3.5328	70	15.9	2.53	9.83E+03	76.5
2661	10.623	-3.5328	70	25.1	3.99	1.43E+04	75.1
2662	10.623	-3.5328	70	39.8	6.33	2.11E+04	74.3
2663	10.623	-3.5328	70	63.1	10.04	3.06E+04	73.2
2664	10.623	-3.5328	70	100	15.92	4.39E+04	72.4
2665	10.623	-3.5328	80	1	0.16	2.07E+02	87.1
2666	10.623	-3.5328	80	1.59	0.25	3.24E+02	86.5
2667	10.623	-3.5328	80	2.51	0.4	5.04E+02	85.7
2668	10.623	-3.5328	80	3.98	0.63	7.80E+02	84.6
2669	10.623	-3.5328	80	6.31	1	1.20E+03	83.6
2670	10.623	-3.5328	80	10	1.59	1.83E+03	82.5
2671	10.623	-3.5328	80	15.9	2.53	2.79E+03	81.1
2672	10.623	-3.5328	80	25.1	3.99	4.21E+03	80
2673	10.623	-3.5328	80	39.8	6.33	6.30E+03	78.8
2674	10.623	-3.5328	80	63.1	10.04	9.38E+03	77.8
2675	10.623	-3.5328	80	100	15.92	1.38E+04	76.8
2676	10.623	-3.5328	95	1	0.16	3.49E+01	89.3
2677	10.623	-3.5328	95	1.59	0.25	5.48E+01	88.9
2678	10.623	-3.5328	95	2.51	0.4	8.69E+01	88.8
2679	10.623	-3.5328	95	3.98	0.63	1.37E+02	88.3
2680	10.623	-3.5328	95	6.31	1	2.15E+02	87.8
2681	10.623	-3.5328	95	10	1.59	3.37E+02	87.1
2682	10.623	-3.5328	95	15.9	2.53	5.28E+02	86.2
2683	10.623	-3.5328	95	25.1	3.99	8.20E+02	85.3
2684	10.623	-3.5328	95	39.8	6.33	1.26E+03	84.5
2685	10.623	-3.5328	95	63.1	10.04	1.94E+03	83.6
2686	10.623	-3.5328	95	100	15.92	2.94E+03	82.7
2687	10.623	-3.5328	105	1	0.16	1.24E+01	93.4
2688	10.623	-3.5328	105	1.59	0.25	2.08E+01	89.3
2689	10.623	-3.5328	105	2.51	0.4	3.27E+01	89.1
2690	10.623	-3.5328	105	3.98	0.63	5.24E+01	89
2691	10.623	-3.5328	105	6.31	1	8.30E+01	89
2692	10.623	-3.5328	105	10	1.59	1.31E+02	88.7
2693	10.623	-3.5328	105	15.9	2.53	2.07E+02	88.5
2694	10.623	-3.5328	105	25.1	3.99	3.25E+02	87.7
2695	10.623	-3.5328	105	39.8	6.33	5.06E+02	87.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2696	10.623	-3.5328	105	63.1	10.04	7.85E+02	86.5
2697	10.623	-3.5328	105	100	15.92	1.21E+03	85.8
2698	10.623	-3.5328	115	1	0.16	5.90E+00	85.8
2699	10.623	-3.5328	115	1.59	0.25	9.02E+00	89.9
2700	10.623	-3.5328	115	2.51	0.4	1.44E+01	90.2
2701	10.623	-3.5328	115	3.98	0.63	2.27E+01	89.8
2702	10.623	-3.5328	115	6.31	1	3.59E+01	89.6
2703	10.623	-3.5328	115	10	1.59	5.68E+01	89.4
2704	10.623	-3.5328	115	15.9	2.53	8.96E+01	89.2
2705	10.623	-3.5328	115	25.1	3.99	1.42E+02	88.8
2706	10.623	-3.5328	115	39.8	6.33	2.23E+02	88.5
2707	10.623	-3.5328	115	63.1	10.04	3.52E+02	88.3
2708	10.623	-3.5328	115	100	15.92	5.48E+02	87.6
2709	10.611	-3.5336	15	1	0.16	3.94E+06	48.4
2710	10.611	-3.5336	15	1.59	0.25	4.99E+06	46.9
2711	10.611	-3.5336	15	2.51	0.4	6.30E+06	45.5
2712	10.611	-3.5336	15	3.98	0.63	7.87E+06	44.6
2713	10.611	-3.5336	15	6.31	1	9.85E+06	43.1
2714	10.611	-3.5336	15	10	1.59	1.28E+07	40.6
2715	10.611	-3.5336	15	15.9	2.53	1.61E+07	38.9
2716	10.611	-3.5336	15	25.1	3.99	1.92E+07	38.1
2717	10.611	-3.5336	15	39.8	6.33	2.33E+07	38.4
2718	10.611	-3.5336	15	63.1	10.04	2.84E+07	35.5
2719	10.611	-3.5336	15	100	15.92	3.40E+07	35
2720	10.611	-3.5336	25	1	0.16	7.84E+05	55.9
2721	10.611	-3.5336	25	1.59	0.25	1.04E+06	54.8
2722	10.611	-3.5336	25	2.51	0.4	1.37E+06	53.3
2723	10.611	-3.5336	25	3.98	0.63	1.80E+06	52.6
2724	10.611	-3.5336	25	6.31	1	2.34E+06	51.5
2725	10.611	-3.5336	25	10	1.59	3.10E+06	50.8
2726	10.611	-3.5336	25	15.9	2.53	4.00E+06	49.7
2727	10.611	-3.5336	25	25.1	3.99	5.12E+06	48.1
2728	10.611	-3.5336	25	39.8	6.33	6.56E+06	47.4
2729	10.611	-3.5336	25	63.1	10.04	8.21E+06	46.4
2730	10.611	-3.5336	25	100	15.92	1.03E+07	45.3
2731	10.611	-3.5336	35	1	0.16	1.45E+05	63
2732	10.611	-3.5336	35	1.59	0.25	2.00E+05	61.9
2733	10.611	-3.5336	35	2.51	0.4	2.72E+05	60.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2734	10.611	-3.5336	35	3.98	0.63	3.70E+05	59.9
2735	10.611	-3.5336	35	6.31	1	5.01E+05	58.9
2736	10.611	-3.5336	35	10	1.59	6.77E+05	58
2737	10.611	-3.5336	35	15.9	2.53	9.03E+05	57.2
2738	10.611	-3.5336	35	25.1	3.99	1.21E+06	56
2739	10.611	-3.5336	35	39.8	6.33	1.60E+06	55.4
2740	10.611	-3.5336	35	63.1	10.04	2.11E+06	54.4
2741	10.611	-3.5336	35	100	15.92	2.76E+06	53.6
2742	10.611	-3.5336	45	1	0.16	2.52E+04	69.7
2743	10.611	-3.5336	45	1.59	0.25	3.57E+04	68.4
2744	10.611	-3.5336	45	2.51	0.4	5.01E+04	67.4
2745	10.611	-3.5336	45	3.98	0.63	6.97E+04	66.3
2746	10.611	-3.5336	45	6.31	1	9.64E+04	65.5
2747	10.611	-3.5336	45	10	1.59	1.38E+05	63.9
2748	10.611	-3.5336	45	15.9	2.53	1.90E+05	63.3
2749	10.611	-3.5336	45	25.1	3.99	2.61E+05	62.5
2750	10.611	-3.5336	45	39.8	6.33	3.58E+05	61.6
2751	10.611	-3.5336	45	63.1	10.04	4.86E+05	61
2752	10.611	-3.5336	45	100	15.92	6.56E+05	60.4
2753	10.611	-3.5336	60	1	0.16	2.23E+03	80.1
2754	10.611	-3.5336	60	1.59	0.25	3.35E+03	78.7
2755	10.611	-3.5336	60	2.51	0.4	5.00E+03	77.5
2756	10.611	-3.5336	60	3.98	0.63	7.40E+03	76.1
2757	10.611	-3.5336	60	6.31	1	1.09E+04	74.7
2758	10.611	-3.5336	60	10	1.59	1.59E+04	73.7
2759	10.611	-3.5336	60	15.9	2.53	2.32E+04	72.8
2760	10.611	-3.5336	60	25.1	3.99	3.33E+04	71.5
2761	10.611	-3.5336	60	39.8	6.33	4.77E+04	70.8
2762	10.611	-3.5336	60	63.1	10.04	6.81E+04	70.2
2763	10.611	-3.5336	60	100	15.92	9.66E+04	69.8
2764	10.611	-3.5336	70	1	0.16	5.31E+02	84.8
2765	10.611	-3.5336	70	1.59	0.25	8.16E+02	83.5
2766	10.611	-3.5336	70	2.51	0.4	1.25E+03	82.5
2767	10.611	-3.5336	70	3.98	0.63	1.90E+03	81.3
2768	10.611	-3.5336	70	6.31	1	2.88E+03	80.1
2769	10.611	-3.5336	70	10	1.59	4.31E+03	78.9
2770	10.611	-3.5336	70	15.9	2.53	6.44E+03	77.8
2771	10.611	-3.5336	70	25.1	3.99	9.54E+03	76.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2772	10.611	-3.5336	70	39.8	6.33	1.40E+04	75.4
2773	10.611	-3.5336	70	63.1	10.04	2.04E+04	74.5
2774	10.611	-3.5336	70	100	15.92	2.95E+04	73.8
2775	10.611	-3.5336	80	1	0.16	1.40E+02	88.1
2776	10.611	-3.5336	80	1.59	0.25	2.19E+02	87.2
2777	10.611	-3.5336	80	2.51	0.4	3.41E+02	86.5
2778	10.611	-3.5336	80	3.98	0.63	5.31E+02	85.5
2779	10.611	-3.5336	80	6.31	1	8.18E+02	84.6
2780	10.611	-3.5336	80	10	1.59	1.27E+03	83.4
2781	10.611	-3.5336	80	15.9	2.53	1.94E+03	82.2
2782	10.611	-3.5336	80	25.1	3.99	2.94E+03	81.1
2783	10.611	-3.5336	80	39.8	6.33	4.41E+03	79.8
2784	10.611	-3.5336	80	63.1	10.04	6.60E+03	78.9
2785	10.611	-3.5336	80	100	15.92	9.78E+03	78
2786	10.611	-3.5336	95	1	0.16	2.60E+01	88.9
2787	10.611	-3.5336	95	1.59	0.25	4.24E+01	91.1
2788	10.611	-3.5336	95	2.51	0.4	6.61E+01	89.3
2789	10.611	-3.5336	95	3.98	0.63	1.04E+02	88.9
2790	10.611	-3.5336	95	6.31	1	1.63E+02	88.3
2791	10.611	-3.5336	95	10	1.59	2.55E+02	87.5
2792	10.611	-3.5336	95	15.9	2.53	4.06E+02	87.3
2793	10.611	-3.5336	95	25.1	3.99	6.34E+02	86
2794	10.611	-3.5336	95	39.8	6.33	9.76E+02	85.7
2795	10.611	-3.5336	95	63.1	10.04	1.50E+03	85
2796	10.611	-3.5336	95	100	15.92	2.29E+03	84.2
2797	10.611	-3.5336	105	1	0.16	1.07E+01	88.2
2798	10.611	-3.5336	105	1.59	0.25	1.67E+01	89
2799	10.611	-3.5336	105	2.51	0.4	2.64E+01	89.4
2800	10.611	-3.5336	105	3.98	0.63	4.07E+01	90
2801	10.611	-3.5336	105	6.31	1	6.50E+01	89
2802	10.611	-3.5336	105	10	1.59	1.03E+02	88.8
2803	10.611	-3.5336	105	15.9	2.53	1.63E+02	88.8
2804	10.611	-3.5336	105	25.1	3.99	2.57E+02	88
2805	10.611	-3.5336	105	39.8	6.33	3.99E+02	87.5
2806	10.611	-3.5336	105	63.1	10.04	6.25E+02	87
2807	10.611	-3.5336	105	100	15.92	9.66E+02	86.1
2808	10.611	-3.5336	115	1	0.16	4.71E+00	89.8
2809	10.611	-3.5336	115	1.59	0.25	7.46E+00	90.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2810	10.611	-3.5336	115	2.51	0.4	1.17E+01	88.6
2811	10.611	-3.5336	115	3.98	0.63	1.84E+01	89.7
2812	10.611	-3.5336	115	6.31	1	2.90E+01	89.3
2813	10.611	-3.5336	115	10	1.59	4.61E+01	89.3
2814	10.611	-3.5336	115	15.9	2.53	7.24E+01	89.2
2815	10.611	-3.5336	115	25.1	3.99	1.15E+02	89.5
2816	10.611	-3.5336	115	39.8	6.33	1.80E+02	88.8
2817	10.611	-3.5336	115	63.1	10.04	2.84E+02	88.4
2818	10.611	-3.5336	115	100	15.92	4.43E+02	87.9
2819	11.1	-3.7307	15	1	0.16	1.69E+06	65
2820	11.1	-3.7307	15	1.59	0.25	2.35E+06	63.4
2821	11.1	-3.7307	15	2.51	0.4	3.23E+06	61.6
2822	11.1	-3.7307	15	3.98	0.63	4.41E+06	59.7
2823	11.1	-3.7307	15	6.31	1	5.96E+06	57.7
2824	11.1	-3.7307	15	10	1.59	8.46E+06	56.1
2825	11.1	-3.7307	15	15.9	2.53	1.10E+07	54.1
2826	11.1	-3.7307	15	25.1	3.99	1.43E+07	51.6
2827	11.1	-3.7307	15	39.8	6.33	1.82E+07	49.7
2828	11.1	-3.7307	15	63.1	10.04	2.39E+07	47.6
2829	11.1	-3.7307	15	100	15.92	3.01E+07	46.8
2830	11.1	-3.7307	25	1	0.16	1.73E+05	73.7
2831	11.1	-3.7307	25	1.59	0.25	2.52E+05	73
2832	11.1	-3.7307	25	2.51	0.4	3.65E+05	71.9
2833	11.1	-3.7307	25	3.98	0.63	5.28E+05	70.9
2834	11.1	-3.7307	25	6.31	1	7.57E+05	69.7
2835	11.1	-3.7307	25	10	1.59	1.09E+06	68.3
2836	11.1	-3.7307	25	15.9	2.53	1.54E+06	66.9
2837	11.1	-3.7307	25	25.1	3.99	2.16E+06	65.7
2838	11.1	-3.7307	25	39.8	6.33	3.01E+06	64.1
2839	11.1	-3.7307	25	63.1	10.04	4.15E+06	62.5
2840	11.1	-3.7307	25	100	15.92	5.64E+06	60.8
2841	11.1	-3.7307	35	1	0.16	2.11E+04	80.5
2842	11.1	-3.7307	35	1.59	0.25	3.17E+04	79.6
2843	11.1	-3.7307	35	2.51	0.4	4.72E+04	78.7
2844	11.1	-3.7307	35	3.98	0.63	7.06E+04	78
2845	11.1	-3.7307	35	6.31	1	1.05E+05	77.1
2846	11.1	-3.7307	35	10	1.59	1.57E+05	76.2
2847	11.1	-3.7307	35	15.9	2.53	2.32E+05	75.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2848	11.1	-3.7307	35	25.1	3.99	3.40E+05	74.2
2849	11.1	-3.7307	35	39.8	6.33	4.95E+05	73.3
2850	11.1	-3.7307	35	63.1	10.04	7.17E+05	72.2
2851	11.1	-3.7307	35	100	15.92	1.03E+06	71.1
2852	11.1	-3.7307	45	1	0.16	2.98E+03	85.2
2853	11.1	-3.7307	45	1.59	0.25	4.59E+03	84.9
2854	11.1	-3.7307	45	2.51	0.4	7.02E+03	84.4
2855	11.1	-3.7307	45	3.98	0.63	1.06E+04	83.4
2856	11.1	-3.7307	45	6.31	1	1.59E+04	82.6
2857	11.1	-3.7307	45	10	1.59	2.42E+04	81.1
2858	11.1	-3.7307	45	15.9	2.53	3.67E+04	80.1
2859	11.1	-3.7307	45	25.1	3.99	5.48E+04	79.3
2860	11.1	-3.7307	45	39.8	6.33	8.18E+04	78.7
2861	11.1	-3.7307	45	63.1	10.04	1.21E+05	77.9
2862	11.1	-3.7307	45	100	15.92	1.77E+05	77.3
2863	11.1	-3.7307	60	1	0.16	2.16E+02	88.8
2864	11.1	-3.7307	60	1.59	0.25	3.41E+02	88.7
2865	11.1	-3.7307	60	2.51	0.4	5.40E+02	88.2
2866	11.1	-3.7307	60	3.98	0.63	8.46E+02	87.6
2867	11.1	-3.7307	60	6.31	1	1.32E+03	87
2868	11.1	-3.7307	60	10	1.59	2.05E+03	86.4
2869	11.1	-3.7307	60	15.9	2.53	3.19E+03	85.8
2870	11.1	-3.7307	60	25.1	3.99	4.91E+03	85.1
2871	11.1	-3.7307	60	39.8	6.33	7.57E+03	84.6
2872	11.1	-3.7307	60	63.1	10.04	1.16E+04	84
2873	11.1	-3.7307	60	100	15.92	1.77E+04	83.5
2874	11.1	-3.7307	70	1	0.16	5.94E+01	89.5
2875	11.1	-3.7307	70	1.59	0.25	9.39E+01	89.3
2876	11.1	-3.7307	70	2.51	0.4	1.48E+02	89.4
2877	11.1	-3.7307	70	3.98	0.63	2.34E+02	89
2878	11.1	-3.7307	70	6.31	1	3.69E+02	88.7
2879	11.1	-3.7307	70	10	1.59	5.81E+02	88.3
2880	11.1	-3.7307	70	15.9	2.53	9.12E+02	87.9
2881	11.1	-3.7307	70	25.1	3.99	1.43E+03	87.2
2882	11.1	-3.7307	70	39.8	6.33	2.22E+03	86.8
2883	11.1	-3.7307	70	63.1	10.04	3.45E+03	86.3
2884	11.1	-3.7307	70	100	15.92	5.32E+03	85.8
2885	11.1	-3.7307	80	1	0.16	1.99E+01	89.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2886	11.1	-3.7307	80	1.59	0.25	3.12E+01	89.6
2887	11.1	-3.7307	80	2.51	0.4	4.96E+01	89.5
2888	11.1	-3.7307	80	3.98	0.63	7.82E+01	89.6
2889	11.1	-3.7307	80	6.31	1	1.24E+02	89.5
2890	11.1	-3.7307	80	10	1.59	1.97E+02	89.5
2891	11.1	-3.7307	80	15.9	2.53	3.10E+02	89.1
2892	11.1	-3.7307	80	25.1	3.99	4.89E+02	88.7
2893	11.1	-3.7307	80	39.8	6.33	7.68E+02	88.4
2894	11.1	-3.7307	80	63.1	10.04	1.20E+03	88.1
2895	11.1	-3.7307	80	100	15.92	1.87E+03	87.6
2896	11.1	-3.7307	95	1	0.16	4.66E+00	89.3
2897	11.1	-3.7307	95	1.59	0.25	7.43E+00	89.5
2898	11.1	-3.7307	95	2.51	0.4	1.17E+01	89.7
2899	11.1	-3.7307	95	3.98	0.63	1.85E+01	89.7
2900	11.1	-3.7307	95	6.31	1	2.93E+01	89.7
2901	11.1	-3.7307	95	10	1.59	4.65E+01	89.5
2902	11.1	-3.7307	95	15.9	2.53	7.35E+01	89.7
2903	11.1	-3.7307	95	25.1	3.99	1.16E+02	89.5
2904	11.1	-3.7307	95	39.8	6.33	1.83E+02	89.6
2905	11.1	-3.7307	95	63.1	10.04	2.90E+02	89.4
2906	11.1	-3.7307	95	100	15.92	4.55E+02	89.3
2907	11.1	-3.7307	105	1	0.16	2.25E+00	89.7
2908	11.1	-3.7307	105	1.59	0.25	3.54E+00	90.1
2909	11.1	-3.7307	105	2.51	0.4	5.59E+00	89.9
2910	11.1	-3.7307	105	3.98	0.63	8.84E+00	89.9
2911	11.1	-3.7307	105	6.31	1	1.40E+01	89.8
2912	11.1	-3.7307	105	10	1.59	2.20E+01	89.6
2913	11.1	-3.7307	105	15.9	2.53	3.48E+01	89.5
2914	11.1	-3.7307	105	25.1	3.99	5.52E+01	89.8
2915	11.1	-3.7307	105	39.8	6.33	8.72E+01	89.7
2916	11.1	-3.7307	105	63.1	10.04	1.38E+02	89.6
2917	11.1	-3.7307	105	100	15.92	2.17E+02	89.5
2918	11.1	-3.7307	115	1	0.16	1.20E+00	89.7
2919	11.1	-3.7307	115	1.59	0.25	1.88E+00	89.7
2920	11.1	-3.7307	115	2.51	0.4	2.98E+00	89.9
2921	11.1	-3.7307	115	3.98	0.63	4.73E+00	89.8
2922	11.1	-3.7307	115	6.31	1	7.46E+00	89.8
2923	11.1	-3.7307	115	10	1.59	1.18E+01	89.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2924	11.1	-3.7307	115	15.9	2.53	1.87E+01	89.7
2925	11.1	-3.7307	115	25.1	3.99	2.95E+01	89.6
2926	11.1	-3.7307	115	39.8	6.33	4.66E+01	89.7
2927	11.1	-3.7307	115	63.1	10.04	7.38E+01	89.6
2928	11.1	-3.7307	115	100	15.92	1.16E+02	89.4
2929	11.076	-3.7121	15	1	0.16	3.49E+06	56.8
2930	11.076	-3.7121	15	1.59	0.25	4.63E+06	55
2931	11.076	-3.7121	15	2.51	0.4	6.10E+06	53.3
2932	11.076	-3.7121	15	3.98	0.63	7.96E+06	51.5
2933	11.076	-3.7121	15	6.31	1	1.03E+07	49.8
2934	11.076	-3.7121	15	10	1.59	1.39E+07	48.2
2935	11.076	-3.7121	15	15.9	2.53	1.79E+07	45.3
2936	11.076	-3.7121	15	25.1	3.99	2.23E+07	43.9
2937	11.076	-3.7121	15	39.8	6.33	2.79E+07	42.6
2938	11.076	-3.7121	15	63.1	10.04	3.48E+07	41.3
2939	11.076	-3.7121	15	100	15.92	4.13E+07	38.6
2940	11.076	-3.7121	25	1	0.16	4.75E+05	66.3
2941	11.076	-3.7121	25	1.59	0.25	6.61E+05	65.2
2942	11.076	-3.7121	25	2.51	0.4	9.19E+05	64.1
2943	11.076	-3.7121	25	3.98	0.63	1.27E+06	62.8
2944	11.076	-3.7121	25	6.31	1	1.75E+06	61.5
2945	11.076	-3.7121	25	10	1.59	2.48E+06	60
2946	11.076	-3.7121	25	15.9	2.53	3.36E+06	58.8
2947	11.076	-3.7121	25	25.1	3.99	4.52E+06	57
2948	11.076	-3.7121	25	39.8	6.33	6.01E+06	55.7
2949	11.076	-3.7121	25	63.1	10.04	7.88E+06	54.2
2950	11.076	-3.7121	25	100	15.92	1.02E+07	52.6
2951	11.076	-3.7121	35	1	0.16	6.09E+04	73.9
2952	11.076	-3.7121	35	1.59	0.25	8.86E+04	73
2953	11.076	-3.7121	35	2.51	0.4	1.28E+05	71.7
2954	11.076	-3.7121	35	3.98	0.63	1.85E+05	70.9
2955	11.076	-3.7121	35	6.31	1	2.64E+05	70
2956	11.076	-3.7121	35	10	1.59	3.76E+05	68.9
2957	11.076	-3.7121	35	15.9	2.53	5.34E+05	68
2958	11.076	-3.7121	35	25.1	3.99	7.56E+05	66.9
2959	11.076	-3.7121	35	39.8	6.33	1.06E+06	65.8
2960	11.076	-3.7121	35	63.1	10.04	1.48E+06	64.8
2961	11.076	-3.7121	35	100	15.92	2.04E+06	63.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
2962	11.076	-3.7121	45	1	0.16	7.82E+03	80.8
2963	11.076	-3.7121	45	1.59	0.25	1.16E+04	79.7
2964	11.076	-3.7121	45	2.51	0.4	1.74E+04	78.7
2965	11.076	-3.7121	45	3.98	0.63	2.57E+04	77.8
2966	11.076	-3.7121	45	6.31	1	3.77E+04	76.8
2967	11.076	-3.7121	45	10	1.59	5.69E+04	75.5
2968	11.076	-3.7121	45	15.9	2.53	8.36E+04	74.4
2969	11.076	-3.7121	45	25.1	3.99	1.22E+05	73.6
2970	11.076	-3.7121	45	39.8	6.33	1.77E+05	72.9
2971	11.076	-3.7121	45	63.1	10.04	2.54E+05	72.2
2972	11.076	-3.7121	45	100	15.92	3.63E+05	71.5
2973	11.076	-3.7121	60	1	0.16	5.60E+02	87.3
2974	11.076	-3.7121	60	1.59	0.25	8.76E+02	86.4
2975	11.076	-3.7121	60	2.51	0.4	1.36E+03	85.3
2976	11.076	-3.7121	60	3.98	0.63	2.10E+03	84.5
2977	11.076	-3.7121	60	6.31	1	3.22E+03	83.5
2978	11.076	-3.7121	60	10	1.59	4.92E+03	82.8
2979	11.076	-3.7121	60	15.9	2.53	7.50E+03	82.2
2980	11.076	-3.7121	60	25.1	3.99	1.14E+04	81.2
2981	11.076	-3.7121	60	39.8	6.33	1.71E+04	80.4
2982	11.076	-3.7121	60	63.1	10.04	2.56E+04	79.5
2983	11.076	-3.7121	60	100	15.92	3.81E+04	79.1
2984	11.076	-3.7121	70	1	0.16	1.40E+02	88.4
2985	11.076	-3.7121	70	1.59	0.25	2.21E+02	88.5
2986	11.076	-3.7121	70	2.51	0.4	3.46E+02	88
2987	11.076	-3.7121	70	3.98	0.63	5.42E+02	87.4
2988	11.076	-3.7121	70	6.31	1	8.46E+02	86.6
2989	11.076	-3.7121	70	10	1.59	1.31E+03	85.8
2990	11.076	-3.7121	70	15.9	2.53	2.03E+03	85.1
2991	11.076	-3.7121	70	25.1	3.99	3.13E+03	84.3
2992	11.076	-3.7121	70	39.8	6.33	4.79E+03	83.5
2993	11.076	-3.7121	70	63.1	10.04	7.31E+03	82.9
2994	11.076	-3.7121	70	100	15.92	1.11E+04	82.2
2995	11.076	-3.7121	80	1	0.16	4.20E+01	89.5
2996	11.076	-3.7121	80	1.59	0.25	6.64E+01	89.2
2997	11.076	-3.7121	80	2.51	0.4	1.05E+02	89.2
2998	11.076	-3.7121	80	3.98	0.63	1.66E+02	88.9
2999	11.076	-3.7121	80	6.31	1	2.60E+02	88.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3000	11.076	-3.7121	80	10	1.59	4.13E+02	87.9
3001	11.076	-3.7121	80	15.9	2.53	6.44E+02	87.4
3002	11.076	-3.7121	80	25.1	3.99	1.00E+03	86.8
3003	11.076	-3.7121	80	39.8	6.33	1.56E+03	86.2
3004	11.076	-3.7121	80	63.1	10.04	2.42E+03	85.5
3005	11.076	-3.7121	80	100	15.92	3.71E+03	84.9
3006	11.076	-3.7121	95	1	0.16	8.62E+00	89.2
3007	11.076	-3.7121	95	1.59	0.25	1.36E+01	89.6
3008	11.076	-3.7121	95	2.51	0.4	2.16E+01	89.4
3009	11.076	-3.7121	95	3.98	0.63	3.41E+01	89.6
3010	11.076	-3.7121	95	6.31	1	5.39E+01	89.5
3011	11.076	-3.7121	95	10	1.59	8.53E+01	89.4
3012	11.076	-3.7121	95	15.9	2.53	1.34E+02	89.3
3013	11.076	-3.7121	95	25.1	3.99	2.12E+02	89.1
3014	11.076	-3.7121	95	39.8	6.33	3.33E+02	88.8
3015	11.076	-3.7121	95	63.1	10.04	5.25E+02	88.4
3016	11.076	-3.7121	95	100	15.92	8.19E+02	88
3017	11.076	-3.7121	105	1	0.16	3.79E+00	89.8
3018	11.076	-3.7121	105	1.59	0.25	5.93E+00	89.7
3019	11.076	-3.7121	105	2.51	0.4	9.43E+00	89.7
3020	11.076	-3.7121	105	3.98	0.63	1.49E+01	89.8
3021	11.076	-3.7121	105	6.31	1	2.36E+01	89.8
3022	11.076	-3.7121	105	10	1.59	3.72E+01	89.6
3023	11.076	-3.7121	105	15.9	2.53	5.92E+01	89.6
3024	11.076	-3.7121	105	25.1	3.99	9.38E+01	89.5
3025	11.076	-3.7121	105	39.8	6.33	1.48E+02	89.4
3026	11.076	-3.7121	105	63.1	10.04	2.33E+02	89.2
3027	11.076	-3.7121	105	100	15.92	3.67E+02	89
3028	11.076	-3.7121	115	1	0.16	1.87E+00	89.4
3029	11.076	-3.7121	115	1.59	0.25	2.94E+00	90.1
3030	11.076	-3.7121	115	2.51	0.4	4.67E+00	89.6
3031	11.076	-3.7121	115	3.98	0.63	7.37E+00	89.8
3032	11.076	-3.7121	115	6.31	1	1.16E+01	89.7
3033	11.076	-3.7121	115	10	1.59	1.85E+01	89.7
3034	11.076	-3.7121	115	15.9	2.53	2.91E+01	89.7
3035	11.076	-3.7121	115	25.1	3.99	4.61E+01	89.6
3036	11.076	-3.7121	115	39.8	6.33	7.27E+01	89.6
3037	11.076	-3.7121	115	63.1	10.04	1.15E+02	89.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3038	11.076	-3.7121	115	100	15.92	1.81E+02	89.3
3039	11.052	-3.6982	15	1	0.16	9.10E+06	44.8
3040	11.052	-3.6982	15	1.59	0.25	1.14E+07	43.2
3041	11.052	-3.6982	15	2.51	0.4	1.41E+07	41.7
3042	11.052	-3.6982	15	3.98	0.63	1.74E+07	40.3
3043	11.052	-3.6982	15	6.31	1	2.12E+07	38.9
3044	11.052	-3.6982	15	10	1.59	2.72E+07	36.5
3045	11.052	-3.6982	15	15.9	2.53	3.31E+07	35.9
3046	11.052	-3.6982	15	25.1	3.99	3.97E+07	35
3047	11.052	-3.6982	15	39.8	6.33	4.63E+07	33.1
3048	11.052	-3.6982	15	63.1	10.04	5.61E+07	32
3049	11.052	-3.6982	15	100	15.92	6.48E+07	30.4
3050	11.052	-3.6982	25	1	0.16	1.70E+06	55.6
3051	11.052	-3.6982	25	1.59	0.25	2.24E+06	54.1
3052	11.052	-3.6982	25	2.51	0.4	2.93E+06	52.7
3053	11.052	-3.6982	25	3.98	0.63	3.81E+06	51.3
3054	11.052	-3.6982	25	6.31	1	4.92E+06	49.9
3055	11.052	-3.6982	25	10	1.59	6.66E+06	48.9
3056	11.052	-3.6982	25	15.9	2.53	8.49E+06	47.3
3057	11.052	-3.6982	25	25.1	3.99	1.08E+07	45.7
3058	11.052	-3.6982	25	39.8	6.33	1.34E+07	45.3
3059	11.052	-3.6982	25	63.1	10.04	1.67E+07	44.1
3060	11.052	-3.6982	25	100	15.92	2.06E+07	42.1
3061	11.052	-3.6982	35	1	0.16	2.69E+05	64.1
3062	11.052	-3.6982	35	1.59	0.25	3.70E+05	63
3063	11.052	-3.6982	35	2.51	0.4	5.07E+05	61.9
3064	11.052	-3.6982	35	3.98	0.63	6.90E+05	60.8
3065	11.052	-3.6982	35	6.31	1	9.28E+05	59.8
3066	11.052	-3.6982	35	10	1.59	1.31E+06	58.4
3067	11.052	-3.6982	35	15.9	2.53	1.75E+06	57.1
3068	11.052	-3.6982	35	25.1	3.99	2.34E+06	55.6
3069	11.052	-3.6982	35	39.8	6.33	3.09E+06	54.6
3070	11.052	-3.6982	35	63.1	10.04	4.06E+06	53.5
3071	11.052	-3.6982	35	100	15.92	5.26E+06	52.2
3072	11.052	-3.6982	45	1	0.16	3.83E+04	71.6
3073	11.052	-3.6982	45	1.59	0.25	5.49E+04	70.4
3074	11.052	-3.6982	45	2.51	0.4	7.79E+04	69
3075	11.052	-3.6982	45	3.98	0.63	1.10E+05	67.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3076	11.052	-3.6982	45	6.31	1	1.55E+05	67
3077	11.052	-3.6982	45	10	1.59	2.16E+05	65.6
3078	11.052	-3.6982	45	15.9	2.53	3.01E+05	64.5
3079	11.052	-3.6982	45	25.1	3.99	4.17E+05	63.8
3080	11.052	-3.6982	45	39.8	6.33	5.76E+05	62.8
3081	11.052	-3.6982	45	63.1	10.04	7.90E+05	61.9
3082	11.052	-3.6982	45	100	15.92	1.07E+06	61
3083	11.052	-3.6982	60	1	0.16	2.80E+03	81.7
3084	11.052	-3.6982	60	1.59	0.25	4.24E+03	80.2
3085	11.052	-3.6982	60	2.51	0.4	6.38E+03	79
3086	11.052	-3.6982	60	3.98	0.63	9.51E+03	77.6
3087	11.052	-3.6982	60	6.31	1	1.41E+04	76.6
3088	11.052	-3.6982	60	10	1.59	2.10E+04	76.1
3089	11.052	-3.6982	60	15.9	2.53	3.06E+04	75
3090	11.052	-3.6982	60	25.1	3.99	4.49E+04	74.8
3091	11.052	-3.6982	60	39.8	6.33	6.47E+04	73.3
3092	11.052	-3.6982	60	63.1	10.04	9.29E+04	72.5
3093	11.052	-3.6982	60	100	15.92	1.34E+05	72
3094	11.052	-3.6982	70	1	0.16	6.21E+02	86.4
3095	11.052	-3.6982	70	1.59	0.25	9.58E+02	84.9
3096	11.052	-3.6982	70	2.51	0.4	1.47E+03	83.8
3097	11.052	-3.6982	70	3.98	0.63	2.26E+03	82.7
3098	11.052	-3.6982	70	6.31	1	3.43E+03	81.6
3099	11.052	-3.6982	70	10	1.59	5.18E+03	80.9
3100	11.052	-3.6982	70	15.9	2.53	7.80E+03	79.8
3101	11.052	-3.6982	70	25.1	3.99	1.16E+04	78.6
3102	11.052	-3.6982	70	39.8	6.33	1.73E+04	77.5
3103	11.052	-3.6982	70	63.1	10.04	2.55E+04	76.7
3104	11.052	-3.6982	70	100	15.92	3.73E+04	75.8
3105	11.052	-3.6982	80	1	0.16	1.51E+02	88.5
3106	11.052	-3.6982	80	1.59	0.25	2.36E+02	87.6
3107	11.052	-3.6982	80	2.51	0.4	3.71E+02	87.1
3108	11.052	-3.6982	80	3.98	0.63	5.78E+02	86.4
3109	11.052	-3.6982	80	6.31	1	8.97E+02	85.6
3110	11.052	-3.6982	80	10	1.59	1.41E+03	84.5
3111	11.052	-3.6982	80	15.9	2.53	2.15E+03	83.6
3112	11.052	-3.6982	80	25.1	3.99	3.30E+03	82.5
3113	11.052	-3.6982	80	39.8	6.33	5.00E+03	81.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3114	11.052	-3.6982	80	63.1	10.04	7.56E+03	80.7
3115	11.052	-3.6982	80	100	15.92	1.13E+04	79.8
3116	11.052	-3.6982	95	1	0.16	2.47E+01	89.8
3117	11.052	-3.6982	95	1.59	0.25	3.92E+01	89.1
3118	11.052	-3.6982	95	2.51	0.4	6.18E+01	89.1
3119	11.052	-3.6982	95	3.98	0.63	9.77E+01	88.9
3120	11.052	-3.6982	95	6.31	1	1.54E+02	88.6
3121	11.052	-3.6982	95	10	1.59	2.41E+02	88.3
3122	11.052	-3.6982	95	15.9	2.53	3.81E+02	87.8
3123	11.052	-3.6982	95	25.1	3.99	5.96E+02	87
3124	11.052	-3.6982	95	39.8	6.33	9.25E+02	86.4
3125	11.052	-3.6982	95	63.1	10.04	1.44E+03	85.7
3126	11.052	-3.6982	95	100	15.92	2.21E+03	85
3127	11.052	-3.6982	105	1	0.16	9.61E+00	89.6
3128	11.052	-3.6982	105	1.59	0.25	1.51E+01	89.7
3129	11.052	-3.6982	105	2.51	0.4	2.40E+01	89.4
3130	11.052	-3.6982	105	3.98	0.63	3.80E+01	89.6
3131	11.052	-3.6982	105	6.31	1	6.00E+01	89.3
3132	11.052	-3.6982	105	10	1.59	9.46E+01	89.2
3133	11.052	-3.6982	105	15.9	2.53	1.49E+02	89.1
3134	11.052	-3.6982	105	25.1	3.99	2.36E+02	88.8
3135	11.052	-3.6982	105	39.8	6.33	3.70E+02	88.2
3136	11.052	-3.6982	105	63.1	10.04	5.80E+02	87.7
3137	11.052	-3.6982	105	100	15.92	9.03E+02	87.1
3138	11.052	-3.6982	115	1	0.16	4.31E+00	90
3139	11.052	-3.6982	115	1.59	0.25	6.81E+00	89.8
3140	11.052	-3.6982	115	2.51	0.4	1.08E+01	90.1
3141	11.052	-3.6982	115	3.98	0.63	1.70E+01	89.8
3142	11.052	-3.6982	115	6.31	1	2.70E+01	89.6
3143	11.052	-3.6982	115	10	1.59	4.27E+01	89.7
3144	11.052	-3.6982	115	15.9	2.53	6.74E+01	89.4
3145	11.052	-3.6982	115	25.1	3.99	1.07E+02	89.3
3146	11.052	-3.6982	115	39.8	6.33	1.68E+02	89.1
3147	11.052	-3.6982	115	63.1	10.04	2.65E+02	88.9
3148	11.052	-3.6982	115	100	15.92	4.15E+02	88.5
3149	10.571	-3.5456	15	1	0.16	2.89E+05	61.4
3150	10.571	-3.5456	15	1.59	0.25	3.94E+05	60.7
3151	10.571	-3.5456	15	2.51	0.4	5.33E+05	59.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3152	10.571	-3.5456	15	3.98	0.63	7.22E+05	58.7
3153	10.571	-3.5456	15	6.31	1	9.71E+05	57.7
3154	10.571	-3.5456	15	10	1.59	1.27E+06	57.2
3155	10.571	-3.5456	15	15.9	2.53	1.70E+06	55.8
3156	10.571	-3.5456	15	25.1	3.99	2.25E+06	55.1
3157	10.571	-3.5456	15	39.8	6.33	2.96E+06	54.2
3158	10.571	-3.5456	15	63.1	10.04	3.88E+06	53.1
3159	10.571	-3.5456	15	100	15.92	5.03E+06	52.2
3160	10.571	-3.5456	25	1	0.16	4.57E+04	68.1
3161	10.571	-3.5456	25	1.59	0.25	6.46E+04	67.2
3162	10.571	-3.5456	25	2.51	0.4	9.06E+04	66.4
3163	10.571	-3.5456	25	3.98	0.63	1.26E+05	65.7
3164	10.571	-3.5456	25	6.31	1	1.76E+05	64.8
3165	10.571	-3.5456	25	10	1.59	2.50E+05	64
3166	10.571	-3.5456	25	15.9	2.53	3.45E+05	63.1
3167	10.571	-3.5456	25	25.1	3.99	4.76E+05	62.5
3168	10.571	-3.5456	25	39.8	6.33	6.49E+05	61.6
3169	10.571	-3.5456	25	63.1	10.04	8.86E+05	60.8
3170	10.571	-3.5456	25	100	15.92	1.20E+06	60.2
3171	10.571	-3.5456	35	1	0.16	7.39E+03	76.3
3172	10.571	-3.5456	35	1.59	0.25	1.07E+04	75.3
3173	10.571	-3.5456	35	2.51	0.4	1.55E+04	74.3
3174	10.571	-3.5456	35	3.98	0.63	2.22E+04	73.3
3175	10.571	-3.5456	35	6.31	1	3.15E+04	72.5
3176	10.571	-3.5456	35	10	1.59	4.71E+04	70.4
3177	10.571	-3.5456	35	15.9	2.53	6.71E+04	69.8
3178	10.571	-3.5456	35	25.1	3.99	9.51E+04	69.1
3179	10.571	-3.5456	35	39.8	6.33	1.34E+05	68.4
3180	10.571	-3.5456	35	63.1	10.04	1.88E+05	67.9
3181	10.571	-3.5456	35	100	15.92	2.61E+05	67.5
3182	10.571	-3.5456	45	1	0.16	1.39E+03	83.2
3183	10.571	-3.5456	45	1.59	0.25	2.09E+03	82.6
3184	10.571	-3.5456	45	2.51	0.4	3.10E+03	81.5
3185	10.571	-3.5456	45	3.98	0.63	4.52E+03	80.5
3186	10.571	-3.5456	45	6.31	1	6.15E+03	79.6
3187	10.571	-3.5456	45	10	1.59	9.83E+03	76.3
3188	10.571	-3.5456	45	15.9	2.53	1.43E+04	75.1
3189	10.571	-3.5456	45	25.1	3.99	2.03E+04	74.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3190	10.571	-3.5456	45	39.8	6.33	2.81E+04	74.1
3191	10.571	-3.5456	45	63.1	10.04	3.80E+04	73.6
3192	10.571	-3.5456	45	100	15.92	4.35E+04	73.3
3193	10.571	-3.5456	60	1	0.16	1.53E+02	87.4
3194	10.571	-3.5456	60	1.59	0.25	2.40E+02	86.5
3195	10.571	-3.5456	60	2.51	0.4	3.73E+02	85.9
3196	10.571	-3.5456	60	3.98	0.63	5.76E+02	85.1
3197	10.571	-3.5456	60	6.31	1	8.90E+02	84.2
3198	10.571	-3.5456	60	10	1.59	1.36E+03	83.2
3199	10.571	-3.5456	60	15.9	2.53	2.08E+03	82.1
3200	10.571	-3.5456	60	25.1	3.99	3.14E+03	81.3
3201	10.571	-3.5456	60	39.8	6.33	4.74E+03	80.3
3202	10.571	-3.5456	60	63.1	10.04	7.10E+03	79.5
3203	10.571	-3.5456	60	100	15.92	1.05E+04	78.7
3204	10.571	-3.5456	70	1	0.16	4.51E+01	88.6
3205	10.571	-3.5456	70	1.59	0.25	7.11E+01	88.5
3206	10.571	-3.5456	70	2.51	0.4	1.11E+02	88.3
3207	10.571	-3.5456	70	3.98	0.63	1.75E+02	87.8
3208	10.571	-3.5456	70	6.31	1	2.71E+02	87.4
3209	10.571	-3.5456	70	10	1.59	4.27E+02	85.9
3210	10.571	-3.5456	70	15.9	2.53	6.62E+02	85.2
3211	10.571	-3.5456	70	25.1	3.99	1.02E+03	84.3
3212	10.571	-3.5456	70	39.8	6.33	1.57E+03	83.6
3213	10.571	-3.5456	70	63.1	10.04	2.38E+03	82.8
3214	10.571	-3.5456	70	100	15.92	3.60E+03	82.1
3215	10.571	-3.5456	80	1	0.16	1.59E+01	89.3
3216	10.571	-3.5456	80	1.59	0.25	2.50E+01	89.4
3217	10.571	-3.5456	80	2.51	0.4	3.93E+01	89.5
3218	10.571	-3.5456	80	3.98	0.63	6.15E+01	89.1
3219	10.571	-3.5456	80	6.31	1	9.60E+01	89
3220	10.571	-3.5456	80	10	1.59	1.55E+02	88.6
3221	10.571	-3.5456	80	15.9	2.53	2.43E+02	87.1
3222	10.571	-3.5456	80	25.1	3.99	3.79E+02	86.8
3223	10.571	-3.5456	80	39.8	6.33	5.85E+02	86.1
3224	10.571	-3.5456	80	63.1	10.04	9.02E+02	85.4
3225	10.571	-3.5456	80	100	15.92	1.38E+03	84.9
3226	10.571	-3.5456	95	1	0.16	4.07E+00	100.2
3227	10.571	-3.5456	95	1.59	0.25	6.36E+00	90.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3228	10.571	-3.5456	95	2.51	0.4	1.01E+01	88.9
3229	10.571	-3.5456	95	3.98	0.63	1.59E+01	89.2
3230	10.571	-3.5456	95	6.31	1	2.51E+01	89.5
3231	10.571	-3.5456	95	10	1.59	3.97E+01	89.3
3232	10.571	-3.5456	95	15.9	2.53	6.25E+01	88.7
3233	10.571	-3.5456	95	25.1	3.99	1.01E+02	89.3
3234	10.571	-3.5456	95	39.8	6.33	1.57E+02	88.5
3235	10.571	-3.5456	95	63.1	10.04	2.46E+02	88.2
3236	10.571	-3.5456	95	100	15.92	3.84E+02	87.8
3237	10.571	-3.5456	105	1	0.16	2.01E+00	92.8
3238	10.571	-3.5456	105	1.59	0.25	3.10E+00	82.5
3239	10.571	-3.5456	105	2.51	0.4	5.02E+00	90.6
3240	10.571	-3.5456	105	3.98	0.63	7.92E+00	89.7
3241	10.571	-3.5456	105	6.31	1	1.25E+01	89.7
3242	10.571	-3.5456	105	10	1.59	1.98E+01	89.4
3243	10.571	-3.5456	105	15.9	2.53	3.09E+01	89.2
3244	10.571	-3.5456	105	25.1	3.99	5.02E+01	89.7
3245	10.571	-3.5456	105	39.8	6.33	7.80E+01	89.1
3246	10.571	-3.5456	105	63.1	10.04	1.23E+02	88.9
3247	10.571	-3.5456	105	100	15.92	1.94E+02	88.6
3248	10.571	-3.5456	115	1	0.16	1.04E+00	87.3
3249	10.571	-3.5456	115	1.59	0.25	1.66E+00	87.3
3250	10.571	-3.5456	115	2.51	0.4	2.65E+00	89.1
3251	10.571	-3.5456	115	3.98	0.63	4.19E+00	89.8
3252	10.571	-3.5456	115	6.31	1	6.57E+00	89.5
3253	10.571	-3.5456	115	10	1.59	1.04E+01	89.5
3254	10.571	-3.5456	115	15.9	2.53	1.64E+01	90.2
3255	10.571	-3.5456	115	25.1	3.99	2.56E+01	90.4
3256	10.571	-3.5456	115	39.8	6.33	4.10E+01	89.4
3257	10.571	-3.5456	115	63.1	10.04	6.49E+01	89.2
3258	10.571	-3.5456	115	100	15.92	1.02E+02	88.8
3259	10.682	-3.5761	15	1	0.16	6.97E+05	53.6
3260	10.682	-3.5761	15	1.59	0.25	9.12E+05	52.5
3261	10.682	-3.5761	15	2.51	0.4	1.19E+06	51.6
3262	10.682	-3.5761	15	3.98	0.63	1.54E+06	50.8
3263	10.682	-3.5761	15	6.31	1	1.99E+06	49.8
3264	10.682	-3.5761	15	10	1.59	2.61E+06	49.8
3265	10.682	-3.5761	15	15.9	2.53	3.31E+06	48.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3266	10.682	-3.5761	15	25.1	3.99	4.21E+06	48
3267	10.682	-3.5761	15	39.8	6.33	5.36E+06	47.4
3268	10.682	-3.5761	15	63.1	10.04	6.77E+06	46.6
3269	10.682	-3.5761	15	100	15.92	8.51E+06	45.9
3270	10.682	-3.5761	25	1	0.16	1.30E+05	59.9
3271	10.682	-3.5761	25	1.59	0.25	1.77E+05	59.1
3272	10.682	-3.5761	25	2.51	0.4	2.38E+05	58.2
3273	10.682	-3.5761	25	3.98	0.63	3.19E+05	57.5
3274	10.682	-3.5761	25	6.31	1	4.25E+05	56.7
3275	10.682	-3.5761	25	10	1.59	5.73E+05	55.8
3276	10.682	-3.5761	25	15.9	2.53	7.60E+05	55.3
3277	10.682	-3.5761	25	25.1	3.99	1.01E+06	54.4
3278	10.682	-3.5761	25	39.8	6.33	1.32E+06	53.9
3279	10.682	-3.5761	25	63.1	10.04	1.74E+06	53.4
3280	10.682	-3.5761	25	100	15.92	2.26E+06	52.9
3281	10.682	-3.5761	35	1	0.16	2.34E+04	67.6
3282	10.682	-3.5761	35	1.59	0.25	3.26E+04	66.7
3283	10.682	-3.5761	35	2.51	0.4	4.53E+04	65.4
3284	10.682	-3.5761	35	3.98	0.63	6.25E+04	64.7
3285	10.682	-3.5761	35	6.31	1	8.56E+04	64
3286	10.682	-3.5761	35	10	1.59	1.21E+05	62.6
3287	10.682	-3.5761	35	15.9	2.53	1.67E+05	61.8
3288	10.682	-3.5761	35	25.1	3.99	2.26E+05	61.3
3289	10.682	-3.5761	35	39.8	6.33	3.08E+05	60.7
3290	10.682	-3.5761	35	63.1	10.04	4.16E+05	60.2
3291	10.682	-3.5761	35	100	15.92	5.60E+05	59.8
3292	10.682	-3.5761	45	1	0.16	4.08E+03	76.1
3293	10.682	-3.5761	45	1.59	0.25	5.90E+03	75.3
3294	10.682	-3.5761	45	2.51	0.4	8.43E+03	74
3295	10.682	-3.5761	45	3.98	0.63	1.19E+04	73
3296	10.682	-3.5761	45	6.31	1	1.65E+04	72.1
3297	10.682	-3.5761	45	10	1.59	2.34E+04	69.3
3298	10.682	-3.5761	45	15.9	2.53	3.32E+04	68.6
3299	10.682	-3.5761	45	25.1	3.99	4.60E+04	67.4
3300	10.682	-3.5761	45	39.8	6.33	6.36E+04	66.8
3301	10.682	-3.5761	45	63.1	10.04	8.71E+04	66.6
3302	10.682	-3.5761	45	100	15.92	1.16E+05	66.4
3303	10.682	-3.5761	60	1	0.16	4.11E+02	84.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3304	10.682	-3.5761	60	1.59	0.25	6.30E+02	82.9
3305	10.682	-3.5761	60	2.51	0.4	9.62E+02	81.9
3306	10.682	-3.5761	60	3.98	0.63	1.46E+03	80.6
3307	10.682	-3.5761	60	6.31	1	2.19E+03	79.3
3308	10.682	-3.5761	60	10	1.59	3.27E+03	78
3309	10.682	-3.5761	60	15.9	2.53	4.84E+03	76.8
3310	10.682	-3.5761	60	25.1	3.99	7.13E+03	75.6
3311	10.682	-3.5761	60	39.8	6.33	1.04E+04	74.5
3312	10.682	-3.5761	60	63.1	10.04	1.51E+04	73.7
3313	10.682	-3.5761	60	100	15.92	2.18E+04	72.8
3314	10.682	-3.5761	70	1	0.16	1.11E+02	86.8
3315	10.682	-3.5761	70	1.59	0.25	1.73E+02	86.4
3316	10.682	-3.5761	70	2.51	0.4	2.67E+02	85.5
3317	10.682	-3.5761	70	3.98	0.63	4.13E+02	84.7
3318	10.682	-3.5761	70	6.31	1	6.33E+02	83.7
3319	10.682	-3.5761	70	10	1.59	9.63E+02	82.7
3320	10.682	-3.5761	70	15.9	2.53	1.48E+03	81
3321	10.682	-3.5761	70	25.1	3.99	2.22E+03	80.1
3322	10.682	-3.5761	70	39.8	6.33	3.33E+03	78.9
3323	10.682	-3.5761	70	63.1	10.04	4.96E+03	77.9
3324	10.682	-3.5761	70	100	15.92	7.30E+03	77
3325	10.682	-3.5761	80	1	0.16	3.43E+01	89.2
3326	10.682	-3.5761	80	1.59	0.25	5.39E+01	88.4
3327	10.682	-3.5761	80	2.51	0.4	8.44E+01	88.3
3328	10.682	-3.5761	80	3.98	0.63	1.31E+02	87.8
3329	10.682	-3.5761	80	6.31	1	2.04E+02	87.3
3330	10.682	-3.5761	80	10	1.59	3.13E+02	86.8
3331	10.682	-3.5761	80	15.9	2.53	4.96E+02	84.7
3332	10.682	-3.5761	80	25.1	3.99	7.60E+02	83.8
3333	10.682	-3.5761	80	39.8	6.33	1.16E+03	82.9
3334	10.682	-3.5761	80	63.1	10.04	1.77E+03	82.1
3335	10.682	-3.5761	80	100	15.92	2.65E+03	81.2
3336	10.682	-3.5761	95	1	0.16	7.87E+00	90.2
3337	10.682	-3.5761	95	1.59	0.25	1.19E+01	89.3
3338	10.682	-3.5761	95	2.51	0.4	1.89E+01	88.9
3339	10.682	-3.5761	95	3.98	0.63	3.00E+01	88.6
3340	10.682	-3.5761	95	6.31	1	4.74E+01	88.8
3341	10.682	-3.5761	95	10	1.59	7.49E+01	88.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3342	10.682	-3.5761	95	15.9	2.53	1.17E+02	88.6
3343	10.682	-3.5761	95	25.1	3.99	1.86E+02	88.9
3344	10.682	-3.5761	95	39.8	6.33	2.89E+02	87.1
3345	10.682	-3.5761	95	63.1	10.04	4.48E+02	86.2
3346	10.682	-3.5761	95	100	15.92	6.93E+02	85.7
3347	10.682	-3.5761	105	1	0.16	3.58E+00	88.9
3348	10.682	-3.5761	105	1.59	0.25	5.51E+00	87.8
3349	10.682	-3.5761	105	2.51	0.4	8.49E+00	90.5
3350	10.682	-3.5761	105	3.98	0.63	1.37E+01	89.6
3351	10.682	-3.5761	105	6.31	1	2.17E+01	89.2
3352	10.682	-3.5761	105	10	1.59	3.43E+01	89.1
3353	10.682	-3.5761	105	15.9	2.53	5.40E+01	88.8
3354	10.682	-3.5761	105	25.1	3.99	8.48E+01	86.8
3355	10.682	-3.5761	105	39.8	6.33	1.34E+02	88.3
3356	10.682	-3.5761	105	63.1	10.04	2.10E+02	87.6
3357	10.682	-3.5761	105	100	15.92	3.27E+02	87.3
3358	10.682	-3.5761	115	1	0.16	1.74E+00	87.9
3359	10.682	-3.5761	115	1.59	0.25	2.73E+00	89.6
3360	10.682	-3.5761	115	2.51	0.4	4.35E+00	89.2
3361	10.682	-3.5761	115	3.98	0.63	6.87E+00	89.2
3362	10.682	-3.5761	115	6.31	1	1.09E+01	89.4
3363	10.682	-3.5761	115	10	1.59	1.72E+01	89.3
3364	10.682	-3.5761	115	15.9	2.53	2.72E+01	89.5
3365	10.682	-3.5761	115	25.1	3.99	4.38E+01	90
3366	10.682	-3.5761	115	39.8	6.33	6.81E+01	88.9
3367	10.682	-3.5761	115	63.1	10.04	1.07E+02	88.6
3368	10.682	-3.5761	115	100	15.92	1.68E+02	88.1
3369	10.478	-3.4882	15	1	0.16	1.94E+06	43.7
3370	10.478	-3.4882	15	1.59	0.25	2.39E+06	42.9
3371	10.478	-3.4882	15	2.51	0.4	2.96E+06	42.1
3372	10.478	-3.4882	15	3.98	0.63	3.64E+06	41.4
3373	10.478	-3.4882	15	6.31	1	4.47E+06	40.7
3374	10.478	-3.4882	15	10	1.59	5.67E+06	41.6
3375	10.478	-3.4882	15	15.9	2.53	6.85E+06	40.4
3376	10.478	-3.4882	15	25.1	3.99	8.38E+06	40.1
3377	10.478	-3.4882	15	39.8	6.33	1.02E+07	39.5
3378	10.478	-3.4882	15	63.1	10.04	1.22E+07	39
3379	10.478	-3.4882	15	100	15.92	1.49E+07	38.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3380	10.478	-3.4882	25	1	0.16	4.23E+05	50.5
3381	10.478	-3.4882	25	1.59	0.25	5.48E+05	49.7
3382	10.478	-3.4882	25	2.51	0.4	7.03E+05	48.8
3383	10.478	-3.4882	25	3.98	0.63	9.00E+05	48.1
3384	10.478	-3.4882	25	6.31	1	1.15E+06	46.9
3385	10.478	-3.4882	25	10	1.59	1.46E+06	46.7
3386	10.478	-3.4882	25	15.9	2.53	1.84E+06	46.3
3387	10.478	-3.4882	25	25.1	3.99	2.32E+06	46
3388	10.478	-3.4882	25	39.8	6.33	2.92E+06	45.1
3389	10.478	-3.4882	25	63.1	10.04	3.65E+06	44.8
3390	10.478	-3.4882	25	100	15.92	4.54E+06	44.3
3391	10.478	-3.4882	35	1	0.16	1.02E+05	56.9
3392	10.478	-3.4882	35	1.59	0.25	1.36E+05	55.9
3393	10.478	-3.4882	35	2.51	0.4	1.80E+05	54.7
3394	10.478	-3.4882	35	3.98	0.63	2.36E+05	53.9
3395	10.478	-3.4882	35	6.31	1	3.07E+05	53
3396	10.478	-3.4882	35	10	1.59	4.04E+05	52.6
3397	10.478	-3.4882	35	15.9	2.53	5.27E+05	51.5
3398	10.478	-3.4882	35	25.1	3.99	6.81E+05	51
3399	10.478	-3.4882	35	39.8	6.33	8.78E+05	50.5
3400	10.478	-3.4882	35	63.1	10.04	1.13E+06	50.2
3401	10.478	-3.4882	35	100	15.92	1.45E+06	49.8
3402	10.478	-3.4882	45	1	0.16	2.00E+04	65.2
3403	10.478	-3.4882	45	1.59	0.25	2.76E+04	63.7
3404	10.478	-3.4882	45	2.51	0.4	3.80E+04	62.3
3405	10.478	-3.4882	45	3.98	0.63	5.12E+04	61.3
3406	10.478	-3.4882	45	6.31	1	7.00E+04	60.1
3407	10.478	-3.4882	45	10	1.59	9.78E+04	59.6
3408	10.478	-3.4882	45	15.9	2.53	1.31E+05	58.6
3409	10.478	-3.4882	45	25.1	3.99	1.75E+05	58
3410	10.478	-3.4882	45	39.8	6.33	2.35E+05	57.9
3411	10.478	-3.4882	45	63.1	10.04	3.14E+05	57.4
3412	10.478	-3.4882	45	100	15.92	4.17E+05	57.3
3413	10.478	-3.4882	60	1	0.16	2.01E+03	76
3414	10.478	-3.4882	60	1.59	0.25	2.93E+03	74.4
3415	10.478	-3.4882	60	2.51	0.4	4.28E+03	72.7
3416	10.478	-3.4882	60	3.98	0.63	6.15E+03	71.1
3417	10.478	-3.4882	60	6.31	1	8.80E+03	69.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3418	10.478	-3.4882	60	10	1.59	1.27E+04	68.7
3419	10.478	-3.4882	60	15.9	2.53	1.78E+04	66.7
3420	10.478	-3.4882	60	25.1	3.99	2.49E+04	66.4
3421	10.478	-3.4882	60	39.8	6.33	3.45E+04	65.3
3422	10.478	-3.4882	60	63.1	10.04	4.77E+04	64.5
3423	10.478	-3.4882	60	100	15.92	6.55E+04	63.8
3424	10.478	-3.4882	70	1	0.16	5.43E+02	81.6
3425	10.478	-3.4882	70	1.59	0.25	8.22E+02	79.7
3426	10.478	-3.4882	70	2.51	0.4	1.23E+03	78.5
3427	10.478	-3.4882	70	3.98	0.63	1.83E+03	77
3428	10.478	-3.4882	70	6.31	1	2.70E+03	75.6
3429	10.478	-3.4882	70	10	1.59	3.98E+03	73.9
3430	10.478	-3.4882	70	15.9	2.53	5.74E+03	72.6
3431	10.478	-3.4882	70	25.1	3.99	8.28E+03	71.2
3432	10.478	-3.4882	70	39.8	6.33	1.18E+04	69.8
3433	10.478	-3.4882	70	63.1	10.04	1.67E+04	68.9
3434	10.478	-3.4882	70	100	15.92	2.35E+04	68.1
3435	10.478	-3.4882	80	1	0.16	1.50E+02	84.8
3436	10.478	-3.4882	80	1.59	0.25	2.29E+02	84
3437	10.478	-3.4882	80	2.51	0.4	3.50E+02	83.1
3438	10.478	-3.4882	80	3.98	0.63	5.28E+02	82.2
3439	10.478	-3.4882	80	6.31	1	7.93E+02	81.2
3440	10.478	-3.4882	80	10	1.59	1.19E+03	79.5
3441	10.478	-3.4882	80	15.9	2.53	1.79E+03	77.8
3442	10.478	-3.4882	80	25.1	3.99	2.65E+03	76.5
3443	10.478	-3.4882	80	39.8	6.33	3.88E+03	75.3
3444	10.478	-3.4882	80	63.1	10.04	5.65E+03	74.1
3445	10.478	-3.4882	80	100	15.92	8.14E+03	73
3446	10.478	-3.4882	95	1	0.16	2.49E+01	87.9
3447	10.478	-3.4882	95	1.59	0.25	3.77E+01	86
3448	10.478	-3.4882	95	2.51	0.4	6.00E+01	87.8
3449	10.478	-3.4882	95	3.98	0.63	9.48E+01	87.2
3450	10.478	-3.4882	95	6.31	1	1.48E+02	86.4
3451	10.478	-3.4882	95	10	1.59	2.37E+02	86
3452	10.478	-3.4882	95	15.9	2.53	3.64E+02	85.3
3453	10.478	-3.4882	95	25.1	3.99	5.69E+02	84.1
3454	10.478	-3.4882	95	39.8	6.33	8.52E+02	83
3455	10.478	-3.4882	95	63.1	10.04	1.30E+03	81.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3456	10.478	-3.4882	95	100	15.92	1.95E+03	80.8
3457	10.478	-3.4882	105	1	0.16	9.48E+00	90.5
3458	10.478	-3.4882	105	1.59	0.25	1.54E+01	88.8
3459	10.478	-3.4882	105	2.51	0.4	2.43E+01	88.8
3460	10.478	-3.4882	105	3.98	0.63	3.84E+01	88.5
3461	10.478	-3.4882	105	6.31	1	6.06E+01	88.1
3462	10.478	-3.4882	105	10	1.59	9.60E+01	87.8
3463	10.478	-3.4882	105	15.9	2.53	1.50E+02	87.1
3464	10.478	-3.4882	105	25.1	3.99	2.32E+02	86.6
3465	10.478	-3.4882	105	39.8	6.33	3.60E+02	86.1
3466	10.478	-3.4882	105	63.1	10.04	5.53E+02	84.7
3467	10.478	-3.4882	105	100	15.92	8.48E+02	83.9
3468	10.478	-3.4882	115	1	0.16	4.53E+00	88.1
3469	10.478	-3.4882	115	1.59	0.25	6.73E+00	89.6
3470	10.478	-3.4882	115	2.51	0.4	1.05E+01	90.4
3471	10.478	-3.4882	115	3.98	0.63	1.66E+01	89.9
3472	10.478	-3.4882	115	6.31	1	2.65E+01	88.9
3473	10.478	-3.4882	115	10	1.59	4.23E+01	88.8
3474	10.478	-3.4882	115	15.9	2.53	6.64E+01	88.2
3475	10.478	-3.4882	115	25.1	3.99	1.06E+02	87.9
3476	10.478	-3.4882	115	39.8	6.33	1.63E+02	88.1
3477	10.478	-3.4882	115	63.1	10.04	2.55E+02	86.7
3478	10.478	-3.4882	115	100	15.92	3.94E+02	86.1
3479	10.476	-3.5004	15	1	0.16	7.64E+05	54.3
3480	10.476	-3.5004	15	1.59	0.25	1.00E+06	53.3
3481	10.476	-3.5004	15	2.51	0.4	1.30E+06	52.4
3482	10.476	-3.5004	15	3.98	0.63	1.69E+06	51.4
3483	10.476	-3.5004	15	6.31	1	2.17E+06	50.5
3484	10.476	-3.5004	15	10	1.59	2.76E+06	49.6
3485	10.476	-3.5004	15	15.9	2.53	3.54E+06	48.7
3486	10.476	-3.5004	15	25.1	3.99	4.48E+06	48.6
3487	10.476	-3.5004	15	39.8	6.33	5.72E+06	47.3
3488	10.476	-3.5004	15	63.1	10.04	7.23E+06	48.8
3489	10.476	-3.5004	15	100	15.92	9.05E+06	45.6
3490	10.476	-3.5004	25	1	0.16	1.54E+05	59.4
3491	10.476	-3.5004	25	1.59	0.25	2.08E+05	58.7
3492	10.476	-3.5004	25	2.51	0.4	2.82E+05	57.6
3493	10.476	-3.5004	25	3.98	0.63	3.79E+05	56.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3494	10.476	-3.5004	25	6.31	1	5.03E+05	55.8
3495	10.476	-3.5004	25	10	1.59	6.72E+05	54.9
3496	10.476	-3.5004	25	15.9	2.53	8.85E+05	54.3
3497	10.476	-3.5004	25	25.1	3.99	1.16E+06	53.5
3498	10.476	-3.5004	25	39.8	6.33	1.52E+06	52.9
3499	10.476	-3.5004	25	63.1	10.04	1.97E+06	52.3
3500	10.476	-3.5004	25	100	15.92	2.55E+06	51.7
3501	10.476	-3.5004	35	1	0.16	3.15E+04	66.9
3502	10.476	-3.5004	35	1.59	0.25	4.37E+04	65.1
3503	10.476	-3.5004	35	2.51	0.4	6.06E+04	64.1
3504	10.476	-3.5004	35	3.98	0.63	8.29E+04	63.1
3505	10.476	-3.5004	35	6.31	1	1.13E+05	62.1
3506	10.476	-3.5004	35	10	1.59	1.57E+05	60.8
3507	10.476	-3.5004	35	15.9	2.53	2.13E+05	60.3
3508	10.476	-3.5004	35	25.1	3.99	2.88E+05	59.4
3509	10.476	-3.5004	35	39.8	6.33	3.90E+05	58.8
3510	10.476	-3.5004	35	63.1	10.04	5.23E+05	58.4
3511	10.476	-3.5004	35	100	15.92	6.98E+05	57.9
3512	10.476	-3.5004	45	1	0.16	6.57E+03	72.6
3513	10.476	-3.5004	45	1.59	0.25	9.48E+03	70.9
3514	10.476	-3.5004	45	2.51	0.4	1.35E+04	69.6
3515	10.476	-3.5004	45	3.98	0.63	1.92E+04	68.2
3516	10.476	-3.5004	45	6.31	1	2.69E+04	67.1
3517	10.476	-3.5004	45	10	1.59	3.86E+04	65.4
3518	10.476	-3.5004	45	15.9	2.53	5.41E+04	65.2
3519	10.476	-3.5004	45	25.1	3.99	7.48E+04	64.4
3520	10.476	-3.5004	45	39.8	6.33	1.03E+05	63.8
3521	10.476	-3.5004	45	63.1	10.04	1.43E+05	63.5
3522	10.476	-3.5004	45	100	15.92	1.98E+05	63.1
3523	10.476	-3.5004	60	1	0.16	6.35E+02	82.2
3524	10.476	-3.5004	60	1.59	0.25	9.66E+02	80.9
3525	10.476	-3.5004	60	2.51	0.4	1.46E+03	79.6
3526	10.476	-3.5004	60	3.98	0.63	2.18E+03	78
3527	10.476	-3.5004	60	6.31	1	3.24E+03	76.6
3528	10.476	-3.5004	60	10	1.59	4.80E+03	75.3
3529	10.476	-3.5004	60	15.9	2.53	7.01E+03	74.1
3530	10.476	-3.5004	60	25.1	3.99	1.01E+04	73
3531	10.476	-3.5004	60	39.8	6.33	1.46E+04	71.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3532	10.476	-3.5004	60	63.1	10.04	2.09E+04	71
3533	10.476	-3.5004	60	100	15.92	2.96E+04	70.3
3534	10.476	-3.5004	70	1	0.16	1.73E+02	86.2
3535	10.476	-3.5004	70	1.59	0.25	2.68E+02	85
3536	10.476	-3.5004	70	2.51	0.4	4.15E+02	84.1
3537	10.476	-3.5004	70	3.98	0.63	6.34E+02	83
3538	10.476	-3.5004	70	6.31	1	9.65E+02	81.9
3539	10.476	-3.5004	70	10	1.59	1.47E+03	80.2
3540	10.476	-3.5004	70	15.9	2.53	2.22E+03	79
3541	10.476	-3.5004	70	25.1	3.99	3.30E+03	77.8
3542	10.476	-3.5004	70	39.8	6.33	4.88E+03	76.7
3543	10.476	-3.5004	70	63.1	10.04	7.16E+03	75.6
3544	10.476	-3.5004	70	100	15.92	1.04E+04	74.7
3545	10.476	-3.5004	80	1	0.16	5.22E+01	88
3546	10.476	-3.5004	80	1.59	0.25	8.16E+01	88.2
3547	10.476	-3.5004	80	2.51	0.4	1.28E+02	87.4
3548	10.476	-3.5004	80	3.98	0.63	1.99E+02	86.9
3549	10.476	-3.5004	80	6.31	1	3.08E+02	86.2
3550	10.476	-3.5004	80	10	1.59	4.85E+02	84.3
3551	10.476	-3.5004	80	15.9	2.53	7.45E+02	83.2
3552	10.476	-3.5004	80	25.1	3.99	1.14E+03	82.4
3553	10.476	-3.5004	80	39.8	6.33	1.72E+03	81.2
3554	10.476	-3.5004	80	63.1	10.04	2.59E+03	80.2
3555	10.476	-3.5004	80	100	15.92	3.86E+03	79.2
3556	10.476	-3.5004	95	1	0.16	9.84E+00	89.4
3557	10.476	-3.5004	95	1.59	0.25	1.56E+01	89.6
3558	10.476	-3.5004	95	2.51	0.4	2.47E+01	89.3
3559	10.476	-3.5004	95	3.98	0.63	3.90E+01	89.1
3560	10.476	-3.5004	95	6.31	1	6.14E+01	88.7
3561	10.476	-3.5004	95	10	1.59	9.61E+01	88.1
3562	10.476	-3.5004	95	15.9	2.53	1.50E+02	87.5
3563	10.476	-3.5004	95	25.1	3.99	2.35E+02	86.7
3564	10.476	-3.5004	95	39.8	6.33	3.64E+02	86
3565	10.476	-3.5004	95	63.1	10.04	5.63E+02	85.2
3566	10.476	-3.5004	95	100	15.92	8.64E+02	84.5
3567	10.476	-3.5004	105	1	0.16	4.10E+00	90.3
3568	10.476	-3.5004	105	1.59	0.25	6.49E+00	89.8
3569	10.476	-3.5004	105	2.51	0.4	1.03E+01	89.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3570	10.476	-3.5004	105	3.98	0.63	1.63E+01	89.6
3571	10.476	-3.5004	105	6.31	1	2.56E+01	89.4
3572	10.476	-3.5004	105	10	1.59	4.07E+01	89
3573	10.476	-3.5004	105	15.9	2.53	6.44E+01	88.7
3574	10.476	-3.5004	105	25.1	3.99	1.01E+02	88.3
3575	10.476	-3.5004	105	39.8	6.33	1.59E+02	87.7
3576	10.476	-3.5004	105	63.1	10.04	2.48E+02	87.1
3577	10.476	-3.5004	105	100	15.92	3.84E+02	86.4
3578	10.476	-3.5004	115	1	0.16	1.99E+00	89.8
3579	10.476	-3.5004	115	1.59	0.25	3.16E+00	89.9
3580	10.476	-3.5004	115	2.51	0.4	4.99E+00	89.9
3581	10.476	-3.5004	115	3.98	0.63	7.88E+00	89.9
3582	10.476	-3.5004	115	6.31	1	1.25E+01	89.7
3583	10.476	-3.5004	115	10	1.59	1.98E+01	89.6
3584	10.476	-3.5004	115	15.9	2.53	3.12E+01	89.3
3585	10.476	-3.5004	115	25.1	3.99	4.94E+01	89.1
3586	10.476	-3.5004	115	39.8	6.33	7.78E+01	88.8
3587	10.476	-3.5004	115	63.1	10.04	1.22E+02	88.4
3588	10.476	-3.5004	115	100	15.92	1.91E+02	87.9
3589	10.819	-3.6374	15	1	0.16	4.08E+05	66.1
3590	10.819	-3.6374	15	1.59	0.25	5.69E+05	64.6
3591	10.819	-3.6374	15	2.51	0.4	7.93E+05	63.6
3592	10.819	-3.6374	15	3.98	0.63	1.10E+06	62.5
3593	10.819	-3.6374	15	6.31	1	1.50E+06	61.1
3594	10.819	-3.6374	15	10	1.59	2.05E+06	60.3
3595	10.819	-3.6374	15	15.9	2.53	2.78E+06	58.8
3596	10.819	-3.6374	15	25.1	3.99	3.71E+06	57.2
3597	10.819	-3.6374	15	39.8	6.33	4.91E+06	55.8
3598	10.819	-3.6374	15	63.1	10.04	6.52E+06	54.5
3599	10.819	-3.6374	15	100	15.92	8.51E+06	52.6
3600	10.819	-3.6374	25	1	0.16	5.65E+04	72.8
3601	10.819	-3.6374	25	1.59	0.25	8.17E+04	72
3602	10.819	-3.6374	25	2.51	0.4	1.16E+05	71
3603	10.819	-3.6374	25	3.98	0.63	1.66E+05	70.1
3604	10.819	-3.6374	25	6.31	1	2.36E+05	69.3
3605	10.819	-3.6374	25	10	1.59	3.37E+05	68.2
3606	10.819	-3.6374	25	15.9	2.53	4.78E+05	67.2
3607	10.819	-3.6374	25	25.1	3.99	6.72E+05	66.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3608	10.819	-3.6374	25	39.8	6.33	9.38E+05	65.3
3609	10.819	-3.6374	25	63.1	10.04	1.31E+06	64.2
3610	10.819	-3.6374	25	100	15.92	1.79E+06	63
3611	10.819	-3.6374	35	1	0.16	7.41E+03	79.9
3612	10.819	-3.6374	35	1.59	0.25	1.11E+04	79
3613	10.819	-3.6374	35	2.51	0.4	1.63E+04	77.9
3614	10.819	-3.6374	35	3.98	0.63	2.41E+04	77.1
3615	10.819	-3.6374	35	6.31	1	3.51E+04	76.4
3616	10.819	-3.6374	35	10	1.59	5.26E+04	74.8
3617	10.819	-3.6374	35	15.9	2.53	7.68E+04	74.2
3618	10.819	-3.6374	35	25.1	3.99	1.11E+05	73.4
3619	10.819	-3.6374	35	39.8	6.33	1.61E+05	72.5
3620	10.819	-3.6374	35	63.1	10.04	2.33E+05	72.1
3621	10.819	-3.6374	35	100	15.92	3.30E+05	71.4
3622	10.819	-3.6374	45	1	0.16	1.20E+03	85.6
3623	10.819	-3.6374	45	1.59	0.25	1.83E+03	84.8
3624	10.819	-3.6374	45	2.51	0.4	2.80E+03	84.1
3625	10.819	-3.6374	45	3.98	0.63	4.23E+03	83.1
3626	10.819	-3.6374	45	6.31	1	6.27E+03	82.2
3627	10.819	-3.6374	45	10	1.59	9.77E+03	79.9
3628	10.819	-3.6374	45	15.9	2.53	1.46E+04	79.2
3629	10.819	-3.6374	45	25.1	3.99	2.15E+04	78.4
3630	10.819	-3.6374	45	39.8	6.33	3.15E+04	77.7
3631	10.819	-3.6374	45	63.1	10.04	4.55E+04	77.3
3632	10.819	-3.6374	45	100	15.92	6.10E+04	76.7
3633	10.819	-3.6374	60	1	0.16	1.22E+02	88.7
3634	10.819	-3.6374	60	1.59	0.25	1.93E+02	88.2
3635	10.819	-3.6374	60	2.51	0.4	3.03E+02	87.7
3636	10.819	-3.6374	60	3.98	0.63	4.75E+02	87
3637	10.819	-3.6374	60	6.31	1	7.38E+02	86.4
3638	10.819	-3.6374	60	10	1.59	1.15E+03	85.6
3639	10.819	-3.6374	60	15.9	2.53	1.76E+03	85
3640	10.819	-3.6374	60	25.1	3.99	2.73E+03	84.2
3641	10.819	-3.6374	60	39.8	6.33	4.18E+03	83.5
3642	10.819	-3.6374	60	63.1	10.04	6.37E+03	82.8
3643	10.819	-3.6374	60	100	15.92	9.63E+03	82.2
3644	10.819	-3.6374	70	1	0.16	3.67E+01	89.2
3645	10.819	-3.6374	70	1.59	0.25	5.75E+01	89.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3646	10.819	-3.6374	70	2.51	0.4	9.09E+01	89
3647	10.819	-3.6374	70	3.98	0.63	1.43E+02	88.8
3648	10.819	-3.6374	70	6.31	1	2.25E+02	88.6
3649	10.819	-3.6374	70	10	1.59	3.56E+02	87.9
3650	10.819	-3.6374	70	15.9	2.53	5.58E+02	87.1
3651	10.819	-3.6374	70	25.1	3.99	8.67E+02	86.5
3652	10.819	-3.6374	70	39.8	6.33	1.35E+03	86
3653	10.819	-3.6374	70	63.1	10.04	2.08E+03	85.3
3654	10.819	-3.6374	70	100	15.92	3.20E+03	84.8
3655	10.819	-3.6374	80	1	0.16	1.34E+01	89.6
3656	10.819	-3.6374	80	1.59	0.25	2.10E+01	89.5
3657	10.819	-3.6374	80	2.51	0.4	3.34E+01	89.6
3658	10.819	-3.6374	80	3.98	0.63	5.25E+01	89.6
3659	10.819	-3.6374	80	6.31	1	8.26E+01	89.5
3660	10.819	-3.6374	80	10	1.59	1.31E+02	88.9
3661	10.819	-3.6374	80	15.9	2.53	2.08E+02	88.5
3662	10.819	-3.6374	80	25.1	3.99	3.26E+02	88.3
3663	10.819	-3.6374	80	39.8	6.33	5.11E+02	87.9
3664	10.819	-3.6374	80	63.1	10.04	7.97E+02	87.4
3665	10.819	-3.6374	80	100	15.92	1.23E+03	86.9
3666	10.819	-3.6374	95	1	0.16	3.58E+00	92.4
3667	10.819	-3.6374	95	1.59	0.25	5.34E+00	93.9
3668	10.819	-3.6374	95	2.51	0.4	8.90E+00	89.6
3669	10.819	-3.6374	95	3.98	0.63	1.42E+01	89.8
3670	10.819	-3.6374	95	6.31	1	2.25E+01	89.5
3671	10.819	-3.6374	95	10	1.59	3.55E+01	89.7
3672	10.819	-3.6374	95	15.9	2.53	5.59E+01	89.8
3673	10.819	-3.6374	95	25.1	3.99	8.79E+01	89.9
3674	10.819	-3.6374	95	39.8	6.33	1.40E+02	89.4
3675	10.819	-3.6374	95	63.1	10.04	2.21E+02	89.1
3676	10.819	-3.6374	95	100	15.92	3.47E+02	88.9
3677	10.819	-3.6374	105	1	0.16	1.64E+00	84.3
3678	10.819	-3.6374	105	1.59	0.25	2.85E+00	89.3
3679	10.819	-3.6374	105	2.51	0.4	4.51E+00	89.9
3680	10.819	-3.6374	105	3.98	0.63	7.08E+00	89.4
3681	10.819	-3.6374	105	6.31	1	1.12E+01	89.8
3682	10.819	-3.6374	105	10	1.59	1.77E+01	89.5
3683	10.819	-3.6374	105	15.9	2.53	2.82E+01	89.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3684	10.819	-3.6374	105	25.1	3.99	4.47E+01	88.6
3685	10.819	-3.6374	105	39.8	6.33	7.08E+01	89.5
3686	10.819	-3.6374	105	63.1	10.04	1.12E+02	89.5
3687	10.819	-3.6374	105	100	15.92	1.76E+02	89.3
3688	10.819	-3.6374	115	1	0.16	9.13E-01	90.2
3689	10.819	-3.6374	115	1.59	0.25	1.58E+00	90.2
3690	10.819	-3.6374	115	2.51	0.4	2.48E+00	89.1
3691	10.819	-3.6374	115	3.98	0.63	3.92E+00	89.9
3692	10.819	-3.6374	115	6.31	1	6.21E+00	89.8
3693	10.819	-3.6374	115	10	1.59	9.78E+00	90.1
3694	10.819	-3.6374	115	15.9	2.53	1.56E+01	89.7
3695	10.819	-3.6374	115	25.1	3.99	2.46E+01	90.4
3696	10.819	-3.6374	115	39.8	6.33	3.89E+01	89.8
3697	10.819	-3.6374	115	63.1	10.04	6.18E+01	89.7
3698	10.819	-3.6374	115	100	15.92	9.71E+01	89.4
3699	10.799	-3.6111	15	1	0.16	9.68E+05	57.6
3700	10.799	-3.6111	15	1.59	0.25	1.29E+06	56.3
3701	10.799	-3.6111	15	2.51	0.4	1.71E+06	55.4
3702	10.799	-3.6111	15	3.98	0.63	2.26E+06	54.2
3703	10.799	-3.6111	15	6.31	1	2.97E+06	52.9
3704	10.799	-3.6111	15	10	1.59	4.01E+06	52.3
3705	10.799	-3.6111	15	15.9	2.53	5.21E+06	51.4
3706	10.799	-3.6111	15	25.1	3.99	6.68E+06	49.8
3707	10.799	-3.6111	15	39.8	6.33	8.54E+06	48.6
3708	10.799	-3.6111	15	63.1	10.04	1.09E+07	47.5
3709	10.799	-3.6111	15	100	15.92	1.37E+07	46.5
3710	10.799	-3.6111	25	1	0.16	1.64E+05	64.6
3711	10.799	-3.6111	25	1.59	0.25	2.28E+05	63.4
3712	10.799	-3.6111	25	2.51	0.4	3.12E+05	62.7
3713	10.799	-3.6111	25	3.98	0.63	4.29E+05	61.6
3714	10.799	-3.6111	25	6.31	1	5.87E+05	60.6
3715	10.799	-3.6111	25	10	1.59	7.96E+05	60.1
3716	10.799	-3.6111	25	15.9	2.53	1.08E+06	58.9
3717	10.799	-3.6111	25	25.1	3.99	1.46E+06	57.9
3718	10.799	-3.6111	25	39.8	6.33	1.94E+06	56.9
3719	10.799	-3.6111	25	63.1	10.04	2.58E+06	56
3720	10.799	-3.6111	25	100	15.92	3.39E+06	55.1
3721	10.799	-3.6111	35	1	0.16	2.58E+04	71.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3722	10.799	-3.6111	35	1.59	0.25	3.68E+04	70.4
3723	10.799	-3.6111	35	2.51	0.4	5.24E+04	69.3
3724	10.799	-3.6111	35	3.98	0.63	7.41E+04	68.6
3725	10.799	-3.6111	35	6.31	1	1.04E+05	67.8
3726	10.799	-3.6111	35	10	1.59	1.47E+05	66.9
3727	10.799	-3.6111	35	15.9	2.53	2.07E+05	66
3728	10.799	-3.6111	35	25.1	3.99	2.90E+05	65.3
3729	10.799	-3.6111	35	39.8	6.33	4.02E+05	64.5
3730	10.799	-3.6111	35	63.1	10.04	5.56E+05	63.8
3731	10.799	-3.6111	35	100	15.92	7.63E+05	63.2
3732	10.799	-3.6111	45	1	0.16	3.86E+03	79.5
3733	10.799	-3.6111	45	1.59	0.25	5.71E+03	78.4
3734	10.799	-3.6111	45	2.51	0.4	8.38E+03	77.3
3735	10.799	-3.6111	45	3.98	0.63	1.22E+04	76.2
3736	10.799	-3.6111	45	6.31	1	1.74E+04	75.3
3737	10.799	-3.6111	45	10	1.59	2.60E+04	72.9
3738	10.799	-3.6111	45	15.9	2.53	3.73E+04	71.9
3739	10.799	-3.6111	45	25.1	3.99	5.33E+04	71.1
3740	10.799	-3.6111	45	39.8	6.33	7.61E+04	70.6
3741	10.799	-3.6111	45	63.1	10.04	1.08E+05	70
3742	10.799	-3.6111	45	100	15.92	1.50E+05	69.6
3743	10.799	-3.6111	60	1	0.16	3.87E+02	85.8
3744	10.799	-3.6111	60	1.59	0.25	6.03E+02	84.9
3745	10.799	-3.6111	60	2.51	0.4	9.30E+02	83.8
3746	10.799	-3.6111	60	3.98	0.63	1.43E+03	82.8
3747	10.799	-3.6111	60	6.31	1	2.17E+03	81.7
3748	10.799	-3.6111	60	10	1.59	3.32E+03	80.8
3749	10.799	-3.6111	60	15.9	2.53	4.96E+03	79.6
3750	10.799	-3.6111	60	25.1	3.99	7.45E+03	78.6
3751	10.799	-3.6111	60	39.8	6.33	1.11E+04	77.8
3752	10.799	-3.6111	60	63.1	10.04	1.63E+04	76.8
3753	10.799	-3.6111	60	100	15.92	2.39E+04	76.1
3754	10.799	-3.6111	70	1	0.16	1.00E+02	88.2
3755	10.799	-3.6111	70	1.59	0.25	1.59E+02	87.6
3756	10.799	-3.6111	70	2.51	0.4	2.49E+02	87.2
3757	10.799	-3.6111	70	3.98	0.63	3.87E+02	86.3
3758	10.799	-3.6111	70	6.31	1	5.99E+02	85.5
3759	10.799	-3.6111	70	10	1.59	9.27E+02	84.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3760	10.799	-3.6111	70	15.9	2.53	1.42E+03	83.6
3761	10.799	-3.6111	70	25.1	3.99	2.18E+03	82.4
3762	10.799	-3.6111	70	39.8	6.33	3.31E+03	81.6
3763	10.799	-3.6111	70	63.1	10.04	4.99E+03	80.7
3764	10.799	-3.6111	70	100	15.92	7.46E+03	79.9
3765	10.799	-3.6111	80	1	0.16	3.22E+01	89.3
3766	10.799	-3.6111	80	1.59	0.25	5.11E+01	89.3
3767	10.799	-3.6111	80	2.51	0.4	8.03E+01	88.7
3768	10.799	-3.6111	80	3.98	0.63	1.26E+02	88.7
3769	10.799	-3.6111	80	6.31	1	1.98E+02	88.3
3770	10.799	-3.6111	80	10	1.59	3.13E+02	87.1
3771	10.799	-3.6111	80	15.9	2.53	4.85E+02	86.1
3772	10.799	-3.6111	80	25.1	3.99	7.55E+02	85.4
3773	10.799	-3.6111	80	39.8	6.33	1.16E+03	84.7
3774	10.799	-3.6111	80	63.1	10.04	1.79E+03	83.9
3775	10.799	-3.6111	80	100	15.92	2.72E+03	83.2
3776	10.799	-3.6111	95	1	0.16	6.83E+00	91
3777	10.799	-3.6111	95	1.59	0.25	1.09E+01	88.8
3778	10.799	-3.6111	95	2.51	0.4	1.74E+01	88.8
3779	10.799	-3.6111	95	3.98	0.63	2.76E+01	89.7
3780	10.799	-3.6111	95	6.31	1	4.37E+01	89.3
3781	10.799	-3.6111	95	10	1.59	6.87E+01	89.4
3782	10.799	-3.6111	95	15.9	2.53	1.09E+02	89
3783	10.799	-3.6111	95	25.1	3.99	1.78E+02	89
3784	10.799	-3.6111	95	39.8	6.33	2.69E+02	88.2
3785	10.799	-3.6111	95	63.1	10.04	4.22E+02	87.5
3786	10.799	-3.6111	95	100	15.92	6.56E+02	86.9
3787	10.799	-3.6111	105	1	0.16	3.30E+00	92.4
3788	10.799	-3.6111	105	1.59	0.25	4.93E+00	89.1
3789	10.799	-3.6111	105	2.51	0.4	7.85E+00	89.7
3790	10.799	-3.6111	105	3.98	0.63	1.25E+01	89.2
3791	10.799	-3.6111	105	6.31	1	1.97E+01	89.6
3792	10.799	-3.6111	105	10	1.59	3.10E+01	90.1
3793	10.799	-3.6111	105	15.9	2.53	4.92E+01	89.3
3794	10.799	-3.6111	105	25.1	3.99	7.75E+01	88.7
3795	10.799	-3.6111	105	39.8	6.33	1.22E+02	89.3
3796	10.799	-3.6111	105	63.1	10.04	1.92E+02	88.5
3797	10.799	-3.6111	105	100	15.92	3.02E+02	88.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3798	10.799	-3.6111	115	1	0.16	1.57E+00	89.5
3799	10.799	-3.6111	115	1.59	0.25	2.55E+00	91.7
3800	10.799	-3.6111	115	2.51	0.4	4.03E+00	90
3801	10.799	-3.6111	115	3.98	0.63	6.38E+00	89.5
3802	10.799	-3.6111	115	6.31	1	1.01E+01	89.8
3803	10.799	-3.6111	115	10	1.59	1.60E+01	88.9
3804	10.799	-3.6111	115	15.9	2.53	2.52E+01	89.8
3805	10.799	-3.6111	115	25.1	3.99	4.01E+01	88.7
3806	10.799	-3.6111	115	39.8	6.33	6.32E+01	89.3
3807	10.799	-3.6111	115	63.1	10.04	9.93E+01	89.3
3808	10.799	-3.6111	115	100	15.92	1.57E+02	89
3809	10.616	-3.5362	15	1	0.16	2.98E+06	46.8
3810	10.616	-3.5362	15	1.59	0.25	3.76E+06	46.1
3811	10.616	-3.5362	15	2.51	0.4	4.72E+06	44.9
3812	10.616	-3.5362	15	3.98	0.63	5.90E+06	43.7
3813	10.616	-3.5362	15	6.31	1	7.33E+06	42.9
3814	10.616	-3.5362	15	10	1.59	9.40E+06	41.9
3815	10.616	-3.5362	15	15.9	2.53	1.15E+07	40.9
3816	10.616	-3.5362	15	25.1	3.99	1.41E+07	40.3
3817	10.616	-3.5362	15	39.8	6.33	1.71E+07	39.8
3818	10.616	-3.5362	15	63.1	10.04	2.08E+07	38.5
3819	10.616	-3.5362	15	100	15.92	2.51E+07	37.2
3820	10.616	-3.5362	25	1	0.16	5.52E+05	55.8
3821	10.616	-3.5362	25	1.59	0.25	7.37E+05	54.4
3822	10.616	-3.5362	25	2.51	0.4	9.69E+05	53.5
3823	10.616	-3.5362	25	3.98	0.63	1.27E+06	52.3
3824	10.616	-3.5362	25	6.31	1	1.65E+06	51.2
3825	10.616	-3.5362	25	10	1.59	2.16E+06	50.1
3826	10.616	-3.5362	25	15.9	2.53	2.80E+06	49.4
3827	10.616	-3.5362	25	25.1	3.99	3.57E+06	48.7
3828	10.616	-3.5362	25	39.8	6.33	4.56E+06	47.5
3829	10.616	-3.5362	25	63.1	10.04	5.75E+06	47
3830	10.616	-3.5362	25	100	15.92	7.24E+06	46
3831	10.616	-3.5362	35	1	0.16	1.38E+05	59.4
3832	10.616	-3.5362	35	1.59	0.25	1.87E+05	58.7
3833	10.616	-3.5362	35	2.51	0.4	2.52E+05	57.5
3834	10.616	-3.5362	35	3.98	0.63	3.35E+05	56.7
3835	10.616	-3.5362	35	6.31	1	4.47E+05	56

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3836	10.616	-3.5362	35	10	1.59	5.92E+05	55.4
3837	10.616	-3.5362	35	15.9	2.53	7.81E+05	54.4
3838	10.616	-3.5362	35	25.1	3.99	1.03E+06	53.6
3839	10.616	-3.5362	35	39.8	6.33	1.35E+06	53
3840	10.616	-3.5362	35	63.1	10.04	1.75E+06	52.3
3841	10.616	-3.5362	35	100	15.92	2.27E+06	51.7
3842	10.616	-3.5362	45	1	0.16	2.59E+04	67.4
3843	10.616	-3.5362	45	1.59	0.25	3.61E+04	66
3844	10.616	-3.5362	45	2.51	0.4	5.01E+04	65
3845	10.616	-3.5362	45	3.98	0.63	6.90E+04	64
3846	10.616	-3.5362	45	6.31	1	9.46E+04	63.3
3847	10.616	-3.5362	45	10	1.59	1.29E+05	61.9
3848	10.616	-3.5362	45	15.9	2.53	1.77E+05	61.3
3849	10.616	-3.5362	45	25.1	3.99	2.40E+05	61.4
3850	10.616	-3.5362	45	39.8	6.33	3.26E+05	60.8
3851	10.616	-3.5362	45	63.1	10.04	4.10E+05	62.5
3852	10.616	-3.5362	45	100	15.92	6.02E+05	60.6
3853	10.616	-3.5362	60	1	0.16	2.16E+03	77.4
3854	10.616	-3.5362	60	1.59	0.25	3.20E+03	76
3855	10.616	-3.5362	60	2.51	0.4	4.69E+03	74.6
3856	10.616	-3.5362	60	3.98	0.63	6.83E+03	72.9
3857	10.616	-3.5362	60	6.31	1	9.84E+03	71.4
3858	10.616	-3.5362	60	10	1.59	1.42E+04	70.7
3859	10.616	-3.5362	60	15.9	2.53	2.03E+04	69.5
3860	10.616	-3.5362	60	25.1	3.99	2.86E+04	68.6
3861	10.616	-3.5362	60	39.8	6.33	4.03E+04	68.1
3862	10.616	-3.5362	60	63.1	10.04	5.64E+04	67.2
3863	10.616	-3.5362	60	100	15.92	7.90E+04	66.5
3864	10.616	-3.5362	70	1	0.16	5.39E+02	83.3
3865	10.616	-3.5362	70	1.59	0.25	8.23E+02	81.5
3866	10.616	-3.5362	70	2.51	0.4	1.25E+03	80.3
3867	10.616	-3.5362	70	3.98	0.63	1.87E+03	79.1
3868	10.616	-3.5362	70	6.31	1	2.79E+03	77.6
3869	10.616	-3.5362	70	10	1.59	4.12E+03	76.6
3870	10.616	-3.5362	70	15.9	2.53	6.02E+03	75.2
3871	10.616	-3.5362	70	25.1	3.99	8.78E+03	73.7
3872	10.616	-3.5362	70	39.8	6.33	1.27E+04	72.7
3873	10.616	-3.5362	70	63.1	10.04	1.82E+04	71.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3874	10.616	-3.5362	70	100	15.92	2.60E+04	71
3875	10.616	-3.5362	80	1	0.16	1.46E+02	86.6
3876	10.616	-3.5362	80	1.59	0.25	2.28E+02	85.9
3877	10.616	-3.5362	80	2.51	0.4	3.53E+02	84.7
3878	10.616	-3.5362	80	3.98	0.63	5.40E+02	83.6
3879	10.616	-3.5362	80	6.31	1	8.25E+02	82.5
3880	10.616	-3.5362	80	10	1.59	1.25E+03	81
3881	10.616	-3.5362	80	15.9	2.53	1.89E+03	79.8
3882	10.616	-3.5362	80	25.1	3.99	2.83E+03	78.5
3883	10.616	-3.5362	80	39.8	6.33	4.20E+03	77.3
3884	10.616	-3.5362	80	63.1	10.04	6.18E+03	76.2
3885	10.616	-3.5362	80	100	15.92	9.03E+03	75.2
3886	10.616	-3.5362	95	1	0.16	2.49E+01	88.9
3887	10.616	-3.5362	95	1.59	0.25	3.75E+01	89.8
3888	10.616	-3.5362	95	2.51	0.4	5.89E+01	88.5
3889	10.616	-3.5362	95	3.98	0.63	9.31E+01	87.9
3890	10.616	-3.5362	95	6.31	1	1.46E+02	86.9
3891	10.616	-3.5362	95	10	1.59	2.31E+02	87.6
3892	10.616	-3.5362	95	15.9	2.53	3.57E+02	86.1
3893	10.616	-3.5362	95	25.1	3.99	5.56E+02	84.5
3894	10.616	-3.5362	95	39.8	6.33	8.36E+02	83.7
3895	10.616	-3.5362	95	63.1	10.04	1.28E+03	83
3896	10.616	-3.5362	95	100	15.92	1.93E+03	81.8
3897	10.616	-3.5362	105	1	0.16	9.17E+00	89.3
3898	10.616	-3.5362	105	1.59	0.25	1.47E+01	87.5
3899	10.616	-3.5362	105	2.51	0.4	2.34E+01	88.9
3900	10.616	-3.5362	105	3.98	0.63	3.71E+01	88.9
3901	10.616	-3.5362	105	6.31	1	5.83E+01	88.5
3902	10.616	-3.5362	105	10	1.59	9.23E+01	88.7
3903	10.616	-3.5362	105	15.9	2.53	1.45E+02	87.8
3904	10.616	-3.5362	105	25.1	3.99	2.26E+02	86.8
3905	10.616	-3.5362	105	39.8	6.33	3.50E+02	86.2
3906	10.616	-3.5362	105	63.1	10.04	5.39E+02	85.3
3907	10.616	-3.5362	105	100	15.92	8.29E+02	84.3
3908	10.616	-3.5362	115	1	0.16	4.09E+00	93.3
3909	10.616	-3.5362	115	1.59	0.25	6.52E+00	89.3
3910	10.616	-3.5362	115	2.51	0.4	1.02E+01	90
3911	10.616	-3.5362	115	3.98	0.63	1.60E+01	89.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3912	10.616	-3.5362	115	6.31	1	2.54E+01	89.3
3913	10.616	-3.5362	115	10	1.59	4.08E+01	89.3
3914	10.616	-3.5362	115	15.9	2.53	6.36E+01	88.7
3915	10.616	-3.5362	115	25.1	3.99	1.00E+02	88.7
3916	10.616	-3.5362	115	39.8	6.33	1.58E+02	87.6
3917	10.616	-3.5362	115	63.1	10.04	2.46E+02	87.2
3918	10.616	-3.5362	115	100	15.92	3.80E+02	86.4
3919	10.694	-3.5745	15	1	0.16	1.65E+06	52.7
3920	10.694	-3.5745	15	1.59	0.25	2.15E+06	51.5
3921	10.694	-3.5745	15	2.51	0.4	2.80E+06	50.1
3922	10.694	-3.5745	15	3.98	0.63	3.60E+06	49.7
3923	10.694	-3.5745	15	6.31	1	4.61E+06	48.1
3924	10.694	-3.5745	15	10	1.59	6.01E+06	48.2
3925	10.694	-3.5745	15	15.9	2.53	7.68E+06	46.5
3926	10.694	-3.5745	15	25.1	3.99	9.64E+06	45.7
3927	10.694	-3.5745	15	39.8	6.33	1.20E+07	44.7
3928	10.694	-3.5745	15	63.1	10.04	1.51E+07	44
3929	10.694	-3.5745	15	100	15.92	1.85E+07	42.4
3930	10.694	-3.5745	25	1	0.16	2.76E+05	60.3
3931	10.694	-3.5745	25	1.59	0.25	3.74E+05	59.3
3932	10.694	-3.5745	25	2.51	0.4	5.05E+05	58.3
3933	10.694	-3.5745	25	3.98	0.63	6.78E+05	57.5
3934	10.694	-3.5745	25	6.31	1	9.06E+05	56.6
3935	10.694	-3.5745	25	10	1.59	1.23E+06	56.1
3936	10.694	-3.5745	25	15.9	2.53	1.63E+06	54.9
3937	10.694	-3.5745	25	25.1	3.99	2.16E+06	53.9
3938	10.694	-3.5745	25	39.8	6.33	2.82E+06	53
3939	10.694	-3.5745	25	63.1	10.04	3.67E+06	52.1
3940	10.694	-3.5745	25	100	15.92	4.74E+06	51.1
3941	10.694	-3.5745	35	1	0.16	4.88E+04	67.5
3942	10.694	-3.5745	35	1.59	0.25	6.87E+04	66.1
3943	10.694	-3.5745	35	2.51	0.4	9.55E+04	65.3
3944	10.694	-3.5745	35	3.98	0.63	1.32E+05	64.2
3945	10.694	-3.5745	35	6.31	1	1.83E+05	63.4
3946	10.694	-3.5745	35	10	1.59	2.54E+05	62.3
3947	10.694	-3.5745	35	15.9	2.53	3.47E+05	61.4
3948	10.694	-3.5745	35	25.1	3.99	4.73E+05	60.8
3949	10.694	-3.5745	35	39.8	6.33	6.42E+05	60.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3950	10.694	-3.5745	35	63.1	10.04	8.68E+05	59.4
3951	10.694	-3.5745	35	100	15.92	1.17E+06	58.7
3952	10.694	-3.5745	45	1	0.16	1.03E+04	73.2
3953	10.694	-3.5745	45	1.59	0.25	1.47E+04	72.4
3954	10.694	-3.5745	45	2.51	0.4	2.11E+04	71
3955	10.694	-3.5745	45	3.98	0.63	2.98E+04	69.9
3956	10.694	-3.5745	45	6.31	1	4.18E+04	69.1
3957	10.694	-3.5745	45	10	1.59	6.07E+04	67.1
3958	10.694	-3.5745	45	15.9	2.53	8.55E+04	66.5
3959	10.694	-3.5745	45	25.1	3.99	1.19E+05	65.7
3960	10.694	-3.5745	45	39.8	6.33	1.66E+05	65.2
3961	10.694	-3.5745	45	63.1	10.04	2.28E+05	64.6
3962	10.694	-3.5745	45	100	15.92	3.13E+05	64.1
3963	10.694	-3.5745	60	1	0.16	7.27E+02	83.3
3964	10.694	-3.5745	60	1.59	0.25	1.11E+03	81.9
3965	10.694	-3.5745	60	2.51	0.4	1.68E+03	80.7
3966	10.694	-3.5745	60	3.98	0.63	2.53E+03	79.3
3967	10.694	-3.5745	60	6.31	1	3.78E+03	78
3968	10.694	-3.5745	60	10	1.59	5.63E+03	76.9
3969	10.694	-3.5745	60	15.9	2.53	8.29E+03	75.9
3970	10.694	-3.5745	60	25.1	3.99	1.21E+04	74.6
3971	10.694	-3.5745	60	39.8	6.33	1.77E+04	73.8
3972	10.694	-3.5745	60	63.1	10.04	2.55E+04	72.9
3973	10.694	-3.5745	60	100	15.92	3.66E+04	72.2
3974	10.694	-3.5745	70	1	0.16	1.86E+02	86.8
3975	10.694	-3.5745	70	1.59	0.25	2.90E+02	85.9
3976	10.694	-3.5745	70	2.51	0.4	4.49E+02	85.1
3977	10.694	-3.5745	70	3.98	0.63	6.91E+02	83.9
3978	10.694	-3.5745	70	6.31	1	1.06E+03	82.9
3979	10.694	-3.5745	70	10	1.59	1.62E+03	81.8
3980	10.694	-3.5745	70	15.9	2.53	2.44E+03	80.4
3981	10.694	-3.5745	70	25.1	3.99	3.67E+03	79.4
3982	10.694	-3.5745	70	39.8	6.33	5.47E+03	78.3
3983	10.694	-3.5745	70	63.1	10.04	8.10E+03	77.3
3984	10.694	-3.5745	70	100	15.92	1.19E+04	76.4
3985	10.694	-3.5745	80	1	0.16	5.52E+01	89.3
3986	10.694	-3.5745	80	1.59	0.25	8.69E+01	88.6
3987	10.694	-3.5745	80	2.51	0.4	1.37E+02	87.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
3988	10.694	-3.5745	80	3.98	0.63	2.14E+02	87.4
3989	10.694	-3.5745	80	6.31	1	3.33E+02	86.6
3990	10.694	-3.5745	80	10	1.59	5.23E+02	85.3
3991	10.694	-3.5745	80	15.9	2.53	8.03E+02	84.2
3992	10.694	-3.5745	80	25.1	3.99	1.23E+03	83.2
3993	10.694	-3.5745	80	39.8	6.33	1.87E+03	82.2
3994	10.694	-3.5745	80	63.1	10.04	2.84E+03	81.3
3995	10.694	-3.5745	80	100	15.92	4.25E+03	80.4
3996	10.694	-3.5745	95	1	0.16	1.22E+01	89.6
3997	10.694	-3.5745	95	1.59	0.25	1.85E+01	89.3
3998	10.694	-3.5745	95	2.51	0.4	2.94E+01	89
3999	10.694	-3.5745	95	3.98	0.63	4.61E+01	89.4
4000	10.694	-3.5745	95	6.31	1	7.30E+01	88.8
4001	10.694	-3.5745	95	10	1.59	1.15E+02	88.8
4002	10.694	-3.5745	95	15.9	2.53	1.81E+02	88.1
4003	10.694	-3.5745	95	25.1	3.99	2.84E+02	87.6
4004	10.694	-3.5745	95	39.8	6.33	4.43E+02	87.1
4005	10.694	-3.5745	95	63.1	10.04	6.86E+02	86.3
4006	10.694	-3.5745	95	100	15.92	1.06E+03	85.5
4007	10.694	-3.5745	105	1	0.16	4.90E+00	87.3
4008	10.694	-3.5745	105	1.59	0.25	7.93E+00	90.8
4009	10.694	-3.5745	105	2.51	0.4	1.28E+01	90.1
4010	10.694	-3.5745	105	3.98	0.63	2.00E+01	89.3
4011	10.694	-3.5745	105	6.31	1	3.21E+01	89.4
4012	10.694	-3.5745	105	10	1.59	5.08E+01	89.3
4013	10.694	-3.5745	105	15.9	2.53	7.99E+01	88.9
4014	10.694	-3.5745	105	25.1	3.99	1.26E+02	88.6
4015	10.694	-3.5745	105	39.8	6.33	1.99E+02	88.2
4016	10.694	-3.5745	105	63.1	10.04	3.11E+02	87.8
4017	10.694	-3.5745	105	100	15.92	4.83E+02	87.2
4018	10.694	-3.5745	115	1	0.16	2.26E+00	88.7
4019	10.694	-3.5745	115	1.59	0.25	3.74E+00	88.7
4020	10.694	-3.5745	115	2.51	0.4	6.22E+00	88.4
4021	10.694	-3.5745	115	3.98	0.63	9.78E+00	90
4022	10.694	-3.5745	115	6.31	1	1.55E+01	89.6
4023	10.694	-3.5745	115	10	1.59	2.44E+01	90.3
4024	10.694	-3.5745	115	15.9	2.53	3.86E+01	89.3
4025	10.694	-3.5745	115	25.1	3.99	6.08E+01	89

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4026	10.694	-3.5745	115	39.8	6.33	9.63E+01	89
4027	10.694	-3.5745	115	63.1	10.04	1.52E+02	88.8
4028	10.694	-3.5745	115	100	15.92	2.38E+02	88.3
4029	10.743	-3.6009	15	1	0.16	7.78E+05	63.8
4030	10.743	-3.6009	15	1.59	0.25	1.08E+06	62.5
4031	10.743	-3.6009	15	2.51	0.4	1.48E+06	61.1
4032	10.743	-3.6009	15	3.98	0.63	2.01E+06	59.5
4033	10.743	-3.6009	15	6.31	1	2.73E+06	58.1
4034	10.743	-3.6009	15	10	1.59	3.71E+06	56.6
4035	10.743	-3.6009	15	15.9	2.53	4.92E+06	55.5
4036	10.743	-3.6009	15	25.1	3.99	6.47E+06	54.2
4037	10.743	-3.6009	15	39.8	6.33	8.41E+06	52.6
4038	10.743	-3.6009	15	63.1	10.04	1.10E+07	51.4
4039	10.743	-3.6009	15	100	15.92	1.41E+07	49.8
4040	10.743	-3.6009	25	1	0.16	1.21E+05	70.3
4041	10.743	-3.6009	25	1.59	0.25	1.73E+05	69.3
4042	10.743	-3.6009	25	2.51	0.4	2.46E+05	68.2
4043	10.743	-3.6009	25	3.98	0.63	3.48E+05	67.1
4044	10.743	-3.6009	25	6.31	1	4.89E+05	66
4045	10.743	-3.6009	25	10	1.59	6.85E+05	65
4046	10.743	-3.6009	25	15.9	2.53	9.57E+05	64
4047	10.743	-3.6009	25	25.1	3.99	1.32E+06	62.7
4048	10.743	-3.6009	25	39.8	6.33	1.81E+06	61.7
4049	10.743	-3.6009	25	63.1	10.04	2.46E+06	60.4
4050	10.743	-3.6009	25	100	15.92	3.32E+06	59.1
4051	10.743	-3.6009	35	1	0.16	1.85E+04	76.6
4052	10.743	-3.6009	35	1.59	0.25	2.72E+04	75.9
4053	10.743	-3.6009	35	2.51	0.4	3.98E+04	74.7
4054	10.743	-3.6009	35	3.98	0.63	5.75E+04	73.6
4055	10.743	-3.6009	35	6.31	1	8.30E+04	72.8
4056	10.743	-3.6009	35	10	1.59	1.21E+05	71.8
4057	10.743	-3.6009	35	15.9	2.53	1.73E+05	70.9
4058	10.743	-3.6009	35	25.1	3.99	2.46E+05	69.9
4059	10.743	-3.6009	35	39.8	6.33	3.51E+05	69.2
4060	10.743	-3.6009	35	63.1	10.04	4.97E+05	68.4
4061	10.743	-3.6009	35	100	15.92	6.96E+05	67.5
4062	10.743	-3.6009	45	1	0.16	2.86E+03	83.5
4063	10.743	-3.6009	45	1.59	0.25	4.30E+03	82.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4064	10.743	-3.6009	45	2.51	0.4	6.42E+03	81.8
4065	10.743	-3.6009	45	3.98	0.63	9.44E+03	81
4066	10.743	-3.6009	45	6.31	1	1.29E+04	80.2
4067	10.743	-3.6009	45	10	1.59	1.67E+04	77.2
4068	10.743	-3.6009	45	15.9	2.53	2.42E+04	76.5
4069	10.743	-3.6009	45	25.1	3.99	3.43E+04	75.5
4070	10.743	-3.6009	45	39.8	6.33	4.70E+04	75
4071	10.743	-3.6009	45	63.1	10.04	6.26E+04	74.5
4072	10.743	-3.6009	45	100	15.92	7.41E+04	74
4073	10.743	-3.6009	60	1	0.16	2.81E+02	87.7
4074	10.743	-3.6009	60	1.59	0.25	4.43E+02	87
4075	10.743	-3.6009	60	2.51	0.4	6.90E+02	86.3
4076	10.743	-3.6009	60	3.98	0.63	1.07E+03	85.5
4077	10.743	-3.6009	60	6.31	1	1.66E+03	84.6
4078	10.743	-3.6009	60	10	1.59	2.55E+03	83.8
4079	10.743	-3.6009	60	15.9	2.53	3.91E+03	83
4080	10.743	-3.6009	60	25.1	3.99	5.96E+03	82.1
4081	10.743	-3.6009	60	39.8	6.33	9.02E+03	81.3
4082	10.743	-3.6009	60	63.1	10.04	1.36E+04	80.5
4083	10.743	-3.6009	60	100	15.92	2.03E+04	79.8
4084	10.743	-3.6009	70	1	0.16	7.75E+01	88.7
4085	10.743	-3.6009	70	1.59	0.25	1.23E+02	88.6
4086	10.743	-3.6009	70	2.51	0.4	1.93E+02	88.3
4087	10.743	-3.6009	70	3.98	0.63	3.03E+02	87.8
4088	10.743	-3.6009	70	6.31	1	4.74E+02	87.3
4089	10.743	-3.6009	70	10	1.59	7.42E+02	85.8
4090	10.743	-3.6009	70	15.9	2.53	1.16E+03	86
4091	10.743	-3.6009	70	25.1	3.99	1.78E+03	85
4092	10.743	-3.6009	70	39.8	6.33	2.74E+03	84.3
4093	10.743	-3.6009	70	63.1	10.04	4.19E+03	83.6
4094	10.743	-3.6009	70	100	15.92	6.37E+03	83
4095	10.743	-3.6009	80	1	0.16	2.60E+01	89.2
4096	10.743	-3.6009	80	1.59	0.25	4.09E+01	89.3
4097	10.743	-3.6009	80	2.51	0.4	6.50E+01	89.2
4098	10.743	-3.6009	80	3.98	0.63	1.02E+02	89.2
4099	10.743	-3.6009	80	6.31	1	1.61E+02	88.9
4100	10.743	-3.6009	80	10	1.59	2.56E+02	88
4101	10.743	-3.6009	80	15.9	2.53	4.00E+02	87.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4102	10.743	-3.6009	80	25.1	3.99	6.25E+02	87.1
4103	10.743	-3.6009	80	39.8	6.33	9.74E+02	86.5
4104	10.743	-3.6009	80	63.1	10.04	1.51E+03	86
4105	10.743	-3.6009	80	100	15.92	2.32E+03	85.4
4106	10.743	-3.6009	95	1	0.16	6.36E+00	87.8
4107	10.743	-3.6009	95	1.59	0.25	9.11E+00	90.4
4108	10.743	-3.6009	95	2.51	0.4	1.44E+01	88.3
4109	10.743	-3.6009	95	3.98	0.63	2.29E+01	88.8
4110	10.743	-3.6009	95	6.31	1	3.64E+01	89.6
4111	10.743	-3.6009	95	10	1.59	5.73E+01	89.1
4112	10.743	-3.6009	95	15.9	2.53	9.04E+01	90.1
4113	10.743	-3.6009	95	25.1	3.99	1.43E+02	89.7
4114	10.743	-3.6009	95	39.8	6.33	2.26E+02	88.7
4115	10.743	-3.6009	95	63.1	10.04	3.56E+02	88.6
4116	10.743	-3.6009	95	100	15.92	5.56E+02	88.2
4117	10.743	-3.6009	105	1	0.16	2.66E+00	87.6
4118	10.743	-3.6009	105	1.59	0.25	4.30E+00	89.8
4119	10.743	-3.6009	105	2.51	0.4	6.73E+00	90
4120	10.743	-3.6009	105	3.98	0.63	1.08E+01	89.4
4121	10.743	-3.6009	105	6.31	1	1.70E+01	89.5
4122	10.743	-3.6009	105	10	1.59	2.69E+01	90
4123	10.743	-3.6009	105	15.9	2.53	4.24E+01	89.6
4124	10.743	-3.6009	105	25.1	3.99	6.65E+01	89.6
4125	10.743	-3.6009	105	39.8	6.33	1.06E+02	89.2
4126	10.743	-3.6009	105	63.1	10.04	1.67E+02	89.3
4127	10.743	-3.6009	105	100	15.92	2.62E+02	89.1
4128	10.743	-3.6009	115	1	0.16	1.46E+00	91.3
4129	10.743	-3.6009	115	1.59	0.25	2.18E+00	89
4130	10.743	-3.6009	115	2.51	0.4	3.50E+00	89.5
4131	10.743	-3.6009	115	3.98	0.63	5.52E+00	89.4
4132	10.743	-3.6009	115	6.31	1	8.74E+00	89.4
4133	10.743	-3.6009	115	10	1.59	1.40E+01	89.4
4134	10.743	-3.6009	115	15.9	2.53	2.19E+01	90
4135	10.743	-3.6009	115	25.1	3.99	3.41E+01	89.3
4136	10.743	-3.6009	115	39.8	6.33	5.45E+01	89.6
4137	10.743	-3.6009	115	63.1	10.04	8.62E+01	89.7
4138	10.743	-3.6009	115	100	15.92	1.36E+02	89.4
4139	10.667	-3.5629	15	1	0.16	2.18E+06	52.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4140	10.667	-3.5629	15	1.59	0.25	2.85E+06	51.4
4141	10.667	-3.5629	15	2.51	0.4	3.71E+06	49.6
4142	10.667	-3.5629	15	3.98	0.63	4.74E+06	49.1
4143	10.667	-3.5629	15	6.31	1	6.06E+06	48
4144	10.667	-3.5629	15	10	1.59	7.82E+06	46.5
4145	10.667	-3.5629	15	15.9	2.53	9.94E+06	46.3
4146	10.667	-3.5629	15	25.1	3.99	1.25E+07	44.8
4147	10.667	-3.5629	15	39.8	6.33	1.55E+07	43.8
4148	10.667	-3.5629	15	63.1	10.04	1.92E+07	42.7
4149	10.667	-3.5629	15	100	15.92	2.39E+07	42.3
4150	10.667	-3.5629	25	1	0.16	3.56E+05	60.5
4151	10.667	-3.5629	25	1.59	0.25	4.85E+05	59.7
4152	10.667	-3.5629	25	2.51	0.4	6.56E+05	58.7
4153	10.667	-3.5629	25	3.98	0.63	8.83E+05	57.7
4154	10.667	-3.5629	25	6.31	1	1.18E+06	56.7
4155	10.667	-3.5629	25	10	1.59	1.58E+06	56.1
4156	10.667	-3.5629	25	15.9	2.53	2.10E+06	55
4157	10.667	-3.5629	25	25.1	3.99	2.78E+06	53.8
4158	10.667	-3.5629	25	39.8	6.33	3.64E+06	53.5
4159	10.667	-3.5629	25	63.1	10.04	4.73E+06	52.1
4160	10.667	-3.5629	25	100	15.92	6.12E+06	51.2
4161	10.667	-3.5629	35	1	0.16	6.38E+04	68.1
4162	10.667	-3.5629	35	1.59	0.25	8.95E+04	66.8
4163	10.667	-3.5629	35	2.51	0.4	1.25E+05	65.7
4164	10.667	-3.5629	35	3.98	0.63	1.74E+05	64.9
4165	10.667	-3.5629	35	6.31	1	2.41E+05	64.1
4166	10.667	-3.5629	35	10	1.59	3.35E+05	63.1
4167	10.667	-3.5629	35	15.9	2.53	4.62E+05	62.5
4168	10.667	-3.5629	35	25.1	3.99	6.32E+05	61.4
4169	10.667	-3.5629	35	39.8	6.33	8.62E+05	60.6
4170	10.667	-3.5629	35	63.1	10.04	1.17E+06	59.9
4171	10.667	-3.5629	35	100	15.92	1.57E+06	59.2
4172	10.667	-3.5629	45	1	0.16	9.64E+03	76.2
4173	10.667	-3.5629	45	1.59	0.25	1.41E+04	74.5
4174	10.667	-3.5629	45	2.51	0.4	2.06E+04	73.3
4175	10.667	-3.5629	45	3.98	0.63	2.96E+04	71.9
4176	10.667	-3.5629	45	6.31	1	4.25E+04	71
4177	10.667	-3.5629	45	10	1.59	6.25E+04	69.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4178	10.667	-3.5629	45	15.9	2.53	8.90E+04	69.9
4179	10.667	-3.5629	45	25.1	3.99	1.27E+05	68.6
4180	10.667	-3.5629	45	39.8	6.33	1.79E+05	68.1
4181	10.667	-3.5629	45	63.1	10.04	2.54E+05	67.4
4182	10.667	-3.5629	45	100	15.92	3.53E+05	66.6
4183	10.667	-3.5629	60	1	0.16	8.48E+02	83.7
4184	10.667	-3.5629	60	1.59	0.25	1.30E+03	83.3
4185	10.667	-3.5629	60	2.51	0.4	1.99E+03	81.9
4186	10.667	-3.5629	60	3.98	0.63	3.01E+03	80.6
4187	10.667	-3.5629	60	6.31	1	4.53E+03	79.4
4188	10.667	-3.5629	60	10	1.59	6.77E+03	78.2
4189	10.667	-3.5629	60	15.9	2.53	1.01E+04	77.2
4190	10.667	-3.5629	60	25.1	3.99	1.49E+04	76.3
4191	10.667	-3.5629	60	39.8	6.33	2.18E+04	75.1
4192	10.667	-3.5629	60	63.1	10.04	3.17E+04	74.6
4193	10.667	-3.5629	60	100	15.92	4.61E+04	73.8
4194	10.667	-3.5629	70	1	0.16	2.06E+02	87.3
4195	10.667	-3.5629	70	1.59	0.25	3.22E+02	86.4
4196	10.667	-3.5629	70	2.51	0.4	5.01E+02	85.6
4197	10.667	-3.5629	70	3.98	0.63	7.75E+02	84.7
4198	10.667	-3.5629	70	6.31	1	1.19E+03	83.7
4199	10.667	-3.5629	70	10	1.59	1.82E+03	82.7
4200	10.667	-3.5629	70	15.9	2.53	2.77E+03	81.6
4201	10.667	-3.5629	70	25.1	3.99	4.20E+03	80.5
4202	10.667	-3.5629	70	39.8	6.33	6.31E+03	79.6
4203	10.667	-3.5629	70	63.1	10.04	9.43E+03	78.6
4204	10.667	-3.5629	70	100	15.92	1.39E+04	77.8
4205	10.667	-3.5629	80	1	0.16	6.05E+01	88.8
4206	10.667	-3.5629	80	1.59	0.25	9.63E+01	88.7
4207	10.667	-3.5629	80	2.51	0.4	1.51E+02	88.1
4208	10.667	-3.5629	80	3.98	0.63	2.36E+02	87.5
4209	10.667	-3.5629	80	6.31	1	3.69E+02	87
4210	10.667	-3.5629	80	10	1.59	5.72E+02	86.3
4211	10.667	-3.5629	80	15.9	2.53	8.92E+02	84.8
4212	10.667	-3.5629	80	25.1	3.99	1.37E+03	84
4213	10.667	-3.5629	80	39.8	6.33	2.10E+03	83.2
4214	10.667	-3.5629	80	63.1	10.04	3.20E+03	82.4
4215	10.667	-3.5629	80	100	15.92	4.83E+03	81.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4216	10.667	-3.5629	95	1	0.16	1.28E+01	87.5
4217	10.667	-3.5629	95	1.59	0.25	2.04E+01	88.4
4218	10.667	-3.5629	95	2.51	0.4	3.21E+01	90.8
4219	10.667	-3.5629	95	3.98	0.63	5.08E+01	89.6
4220	10.667	-3.5629	95	6.31	1	7.97E+01	88.9
4221	10.667	-3.5629	95	10	1.59	1.26E+02	89
4222	10.667	-3.5629	95	15.9	2.53	1.98E+02	88.4
4223	10.667	-3.5629	95	25.1	3.99	3.12E+02	87.6
4224	10.667	-3.5629	95	39.8	6.33	4.85E+02	87.2
4225	10.667	-3.5629	95	63.1	10.04	7.56E+02	86.8
4226	10.667	-3.5629	95	100	15.92	1.16E+03	85.8
4227	10.667	-3.5629	105	1	0.16	5.28E+00	89.9
4228	10.667	-3.5629	105	1.59	0.25	8.62E+00	90.8
4229	10.667	-3.5629	105	2.51	0.4	1.37E+01	89.5
4230	10.667	-3.5629	105	3.98	0.63	2.17E+01	89.8
4231	10.667	-3.5629	105	6.31	1	3.43E+01	89.4
4232	10.667	-3.5629	105	10	1.59	5.48E+01	88.8
4233	10.667	-3.5629	105	15.9	2.53	8.56E+01	89.7
4234	10.667	-3.5629	105	25.1	3.99	1.37E+02	89.2
4235	10.667	-3.5629	105	39.8	6.33	2.13E+02	88.6
4236	10.667	-3.5629	105	63.1	10.04	3.36E+02	88.1
4237	10.667	-3.5629	105	100	15.92	5.23E+02	87.6
4238	10.667	-3.5629	115	1	0.16	2.55E+00	89
4239	10.667	-3.5629	115	1.59	0.25	4.13E+00	89.7
4240	10.667	-3.5629	115	2.51	0.4	6.50E+00	89.1
4241	10.667	-3.5629	115	3.98	0.63	1.03E+01	89.8
4242	10.667	-3.5629	115	6.31	1	1.63E+01	89.8
4243	10.667	-3.5629	115	10	1.59	2.58E+01	89.4
4244	10.667	-3.5629	115	15.9	2.53	4.07E+01	89.4
4245	10.667	-3.5629	115	25.1	3.99	6.45E+01	89.6
4246	10.667	-3.5629	115	39.8	6.33	1.02E+02	89.4
4247	10.667	-3.5629	115	63.1	10.04	1.61E+02	89
4248	10.667	-3.5629	115	100	15.92	2.53E+02	88.7
4249	10.437	-3.4643	15	1	0.16	5.18E+06	41.4
4250	10.437	-3.4643	15	1.59	0.25	6.34E+06	40.4
4251	10.437	-3.4643	15	2.51	0.4	7.76E+06	40
4252	10.437	-3.4643	15	3.98	0.63	9.45E+06	38.9
4253	10.437	-3.4643	15	6.31	1	1.14E+07	37.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4254	10.437	-3.4643	15	10	1.59	1.42E+07	35.8
4255	10.437	-3.4643	15	15.9	2.53	1.70E+07	36.1
4256	10.437	-3.4643	15	25.1	3.99	2.09E+07	35
4257	10.437	-3.4643	15	39.8	6.33	2.43E+07	34.4
4258	10.437	-3.4643	15	63.1	10.04	2.92E+07	34.7
4259	10.437	-3.4643	15	100	15.92	3.35E+07	33.4
4260	10.437	-3.4643	25	1	0.16	1.18E+06	49.1
4261	10.437	-3.4643	25	1.59	0.25	1.50E+06	48
4262	10.437	-3.4643	25	2.51	0.4	1.91E+06	47
4263	10.437	-3.4643	25	3.98	0.63	2.42E+06	46.3
4264	10.437	-3.4643	25	6.31	1	3.05E+06	45.3
4265	10.437	-3.4643	25	10	1.59	3.88E+06	44.8
4266	10.437	-3.4643	25	15.9	2.53	4.84E+06	44
4267	10.437	-3.4643	25	25.1	3.99	6.03E+06	43.4
4268	10.437	-3.4643	25	39.8	6.33	7.47E+06	42.5
4269	10.437	-3.4643	25	63.1	10.04	9.20E+06	41.7
4270	10.437	-3.4643	25	100	15.92	1.11E+07	40.9
4271	10.437	-3.4643	35	1	0.16	2.56E+05	56.6
4272	10.437	-3.4643	35	1.59	0.25	3.39E+05	55.8
4273	10.437	-3.4643	35	2.51	0.4	4.51E+05	54.5
4274	10.437	-3.4643	35	3.98	0.63	5.91E+05	53.6
4275	10.437	-3.4643	35	6.31	1	7.76E+05	52.7
4276	10.437	-3.4643	35	10	1.59	1.02E+06	52.1
4277	10.437	-3.4643	35	15.9	2.53	1.32E+06	51.1
4278	10.437	-3.4643	35	25.1	3.99	1.70E+06	50.5
4279	10.437	-3.4643	35	39.8	6.33	2.19E+06	49.4
4280	10.437	-3.4643	35	63.1	10.04	2.80E+06	48.7
4281	10.437	-3.4643	35	100	15.92	3.56E+06	48.1
4282	10.437	-3.4643	45	1	0.16	5.53E+04	63.6
4283	10.437	-3.4643	45	1.59	0.25	7.63E+04	62.4
4284	10.437	-3.4643	45	2.51	0.4	1.03E+05	61.6
4285	10.437	-3.4643	45	3.98	0.63	1.40E+05	60.4
4286	10.437	-3.4643	45	6.31	1	1.86E+05	60.3
4287	10.437	-3.4643	45	10	1.59	2.60E+05	58.8
4288	10.437	-3.4643	45	15.9	2.53	3.49E+05	58.6
4289	10.437	-3.4643	45	25.1	3.99	4.69E+05	58.8
4290	10.437	-3.4643	45	39.8	6.33	6.29E+05	56.8
4291	10.437	-3.4643	45	63.1	10.04	8.38E+05	58.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4292	10.437	-3.4643	45	100	15.92	1.14E+06	58.2
4293	10.437	-3.4643	60	1	0.16	5.09E+03	73.9
4294	10.437	-3.4643	60	1.59	0.25	7.40E+03	72.3
4295	10.437	-3.4643	60	2.51	0.4	1.06E+04	70.6
4296	10.437	-3.4643	60	3.98	0.63	1.51E+04	69.4
4297	10.437	-3.4643	60	6.31	1	2.14E+04	68
4298	10.437	-3.4643	60	10	1.59	3.06E+04	67.3
4299	10.437	-3.4643	60	15.9	2.53	4.28E+04	66.4
4300	10.437	-3.4643	60	25.1	3.99	5.95E+04	65.3
4301	10.437	-3.4643	60	39.8	6.33	8.29E+04	65
4302	10.437	-3.4643	60	63.1	10.04	1.13E+05	64.4
4303	10.437	-3.4643	60	100	15.92	1.56E+05	63.6
4304	10.437	-3.4643	70	1	0.16	1.24E+03	80.7
4305	10.437	-3.4643	70	1.59	0.25	1.86E+03	79.2
4306	10.437	-3.4643	70	2.51	0.4	2.78E+03	77.4
4307	10.437	-3.4643	70	3.98	0.63	4.10E+03	75.9
4308	10.437	-3.4643	70	6.31	1	6.01E+03	74.4
4309	10.437	-3.4643	70	10	1.59	8.77E+03	73.5
4310	10.437	-3.4643	70	15.9	2.53	1.26E+04	72.3
4311	10.437	-3.4643	70	25.1	3.99	1.81E+04	70.6
4312	10.437	-3.4643	70	39.8	6.33	2.58E+04	69.7
4313	10.437	-3.4643	70	63.1	10.04	3.64E+04	69
4314	10.437	-3.4643	70	100	15.92	5.11E+04	68.1
4315	10.437	-3.4643	80	1	0.16	3.24E+02	84.8
4316	10.437	-3.4643	80	1.59	0.25	4.95E+02	83.8
4317	10.437	-3.4643	80	2.51	0.4	7.60E+02	82.7
4318	10.437	-3.4643	80	3.98	0.63	1.16E+03	81.5
4319	10.437	-3.4643	80	6.31	1	1.75E+03	80.2
4320	10.437	-3.4643	80	10	1.59	2.60E+03	78.8
4321	10.437	-3.4643	80	15.9	2.53	3.87E+03	77.6
4322	10.437	-3.4643	80	25.1	3.99	5.74E+03	76.2
4323	10.437	-3.4643	80	39.8	6.33	8.38E+03	75
4324	10.437	-3.4643	80	63.1	10.04	1.22E+04	73.8
4325	10.437	-3.4643	80	100	15.92	1.76E+04	72.9
4326	10.437	-3.4643	95	1	0.16	4.89E+01	89.6
4327	10.437	-3.4643	95	1.59	0.25	7.52E+01	88.2
4328	10.437	-3.4643	95	2.51	0.4	1.19E+02	87.4
4329	10.437	-3.4643	95	3.98	0.63	1.86E+02	86.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4330	10.437	-3.4643	95	6.31	1	2.89E+02	85.9
4331	10.437	-3.4643	95	10	1.59	4.53E+02	85.8
4332	10.437	-3.4643	95	15.9	2.53	7.03E+02	84.6
4333	10.437	-3.4643	95	25.1	3.99	1.08E+03	84.3
4334	10.437	-3.4643	95	39.8	6.33	1.64E+03	82.8
4335	10.437	-3.4643	95	63.1	10.04	2.48E+03	81.8
4336	10.437	-3.4643	95	100	15.92	3.69E+03	81
4337	10.437	-3.4643	105	1	0.16	1.74E+01	89.4
4338	10.437	-3.4643	105	1.59	0.25	2.68E+01	89.2
4339	10.437	-3.4643	105	2.51	0.4	4.28E+01	88.9
4340	10.437	-3.4643	105	3.98	0.63	6.75E+01	88.6
4341	10.437	-3.4643	105	6.31	1	1.06E+02	87.8
4342	10.437	-3.4643	105	10	1.59	1.68E+02	87.4
4343	10.437	-3.4643	105	15.9	2.53	2.61E+02	87.1
4344	10.437	-3.4643	105	25.1	3.99	4.05E+02	86.3
4345	10.437	-3.4643	105	39.8	6.33	6.31E+02	85.5
4346	10.437	-3.4643	105	63.1	10.04	9.75E+02	84.7
4347	10.437	-3.4643	105	100	15.92	1.49E+03	83.8
4348	10.437	-3.4643	115	1	0.16	7.33E+00	88.8
4349	10.437	-3.4643	115	1.59	0.25	1.11E+01	89.8
4350	10.437	-3.4643	115	2.51	0.4	1.79E+01	89.5
4351	10.437	-3.4643	115	3.98	0.63	2.83E+01	89.3
4352	10.437	-3.4643	115	6.31	1	4.48E+01	88.9
4353	10.437	-3.4643	115	10	1.59	7.02E+01	89.2
4354	10.437	-3.4643	115	15.9	2.53	1.11E+02	88.8
4355	10.437	-3.4643	115	25.1	3.99	1.75E+02	87.6
4356	10.437	-3.4643	115	39.8	6.33	2.73E+02	87.3
4357	10.437	-3.4643	115	63.1	10.04	4.26E+02	86.6
4358	10.437	-3.4643	115	100	15.92	6.58E+02	85.9
4359	10.529	-3.5073	15	1	0.16	2.67E+06	47.9
4360	10.529	-3.5073	15	1.59	0.25	3.37E+06	46.8
4361	10.529	-3.5073	15	2.51	0.4	4.25E+06	45.7
4362	10.529	-3.5073	15	3.98	0.63	5.34E+06	44.6
4363	10.529	-3.5073	15	6.31	1	6.67E+06	43.6
4364	10.529	-3.5073	15	10	1.59	8.54E+06	42.4
4365	10.529	-3.5073	15	15.9	2.53	1.06E+07	41.4
4366	10.529	-3.5073	15	25.1	3.99	1.32E+07	41.4
4367	10.529	-3.5073	15	39.8	6.33	1.60E+07	41.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4368	10.529	-3.5073	15	63.1	10.04	1.95E+07	40.1
4369	10.529	-3.5073	15	100	15.92	2.36E+07	38.5
4370	10.529	-3.5073	25	1	0.16	5.16E+05	56.3
4371	10.529	-3.5073	25	1.59	0.25	6.81E+05	55
4372	10.529	-3.5073	25	2.51	0.4	8.99E+05	54
4373	10.529	-3.5073	25	3.98	0.63	1.18E+06	53.1
4374	10.529	-3.5073	25	6.31	1	1.54E+06	52
4375	10.529	-3.5073	25	10	1.59	2.01E+06	50.8
4376	10.529	-3.5073	25	15.9	2.53	2.60E+06	50.2
4377	10.529	-3.5073	25	25.1	3.99	3.35E+06	49.3
4378	10.529	-3.5073	25	39.8	6.33	4.28E+06	48.5
4379	10.529	-3.5073	25	63.1	10.04	5.45E+06	47.5
4380	10.529	-3.5073	25	100	15.92	6.88E+06	46.6
4381	10.529	-3.5073	35	1	0.16	9.85E+04	63.3
4382	10.529	-3.5073	35	1.59	0.25	1.35E+05	61.8
4383	10.529	-3.5073	35	2.51	0.4	1.84E+05	61
4384	10.529	-3.5073	35	3.98	0.63	2.49E+05	60
4385	10.529	-3.5073	35	6.31	1	3.38E+05	59.3
4386	10.529	-3.5073	35	10	1.59	4.61E+05	58.2
4387	10.529	-3.5073	35	15.9	2.53	6.19E+05	57.3
4388	10.529	-3.5073	35	25.1	3.99	8.27E+05	56.5
4389	10.529	-3.5073	35	39.8	6.33	1.10E+06	55.7
4390	10.529	-3.5073	35	63.1	10.04	1.45E+06	54.9
4391	10.529	-3.5073	35	100	15.92	1.91E+06	54.4
4392	10.529	-3.5073	45	1	0.16	2.02E+04	70.7
4393	10.529	-3.5073	45	1.59	0.25	2.87E+04	69.4
4394	10.529	-3.5073	45	2.51	0.4	4.05E+04	68.1
4395	10.529	-3.5073	45	3.98	0.63	5.65E+04	67
4396	10.529	-3.5073	45	6.31	1	7.85E+04	66
4397	10.529	-3.5073	45	10	1.59	1.13E+05	64.8
4398	10.529	-3.5073	45	15.9	2.53	1.56E+05	63.7
4399	10.529	-3.5073	45	25.1	3.99	2.15E+05	63
4400	10.529	-3.5073	45	39.8	6.33	2.94E+05	62.2
4401	10.529	-3.5073	45	63.1	10.04	4.02E+05	61.6
4402	10.529	-3.5073	45	100	15.92	5.44E+05	61
4403	10.529	-3.5073	60	1	0.16	1.76E+03	81
4404	10.529	-3.5073	60	1.59	0.25	2.67E+03	79.2
4405	10.529	-3.5073	60	2.51	0.4	3.98E+03	77.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4406	10.529	-3.5073	60	3.98	0.63	5.89E+03	76.2
4407	10.529	-3.5073	60	6.31	1	8.64E+03	74.9
4408	10.529	-3.5073	60	10	1.59	1.27E+04	74
4409	10.529	-3.5073	60	15.9	2.53	1.81E+04	73.2
4410	10.529	-3.5073	60	25.1	3.99	2.64E+04	71.8
4411	10.529	-3.5073	60	39.8	6.33	3.76E+04	71
4412	10.529	-3.5073	60	63.1	10.04	5.34E+04	70.4
4413	10.529	-3.5073	60	100	15.92	7.53E+04	69.5
4414	10.529	-3.5073	70	1	0.16	4.41E+02	85
4415	10.529	-3.5073	70	1.59	0.25	6.76E+02	83.7
4416	10.529	-3.5073	70	2.51	0.4	1.04E+03	82.7
4417	10.529	-3.5073	70	3.98	0.63	1.58E+03	81.6
4418	10.529	-3.5073	70	6.31	1	2.39E+03	80.3
4419	10.529	-3.5073	70	10	1.59	3.54E+03	79.3
4420	10.529	-3.5073	70	15.9	2.53	5.28E+03	78
4421	10.529	-3.5073	70	25.1	3.99	7.80E+03	76.9
4422	10.529	-3.5073	70	39.8	6.33	1.15E+04	75.6
4423	10.529	-3.5073	70	63.1	10.04	1.67E+04	74.5
4424	10.529	-3.5073	70	100	15.92	2.42E+04	73.8
4425	10.529	-3.5073	80	1	0.16	1.23E+02	87.5
4426	10.529	-3.5073	80	1.59	0.25	1.95E+02	86.9
4427	10.529	-3.5073	80	2.51	0.4	3.03E+02	86.4
4428	10.529	-3.5073	80	3.98	0.63	4.71E+02	85.4
4429	10.529	-3.5073	80	6.31	1	7.27E+02	84.5
4430	10.529	-3.5073	80	10	1.59	1.12E+03	83.1
4431	10.529	-3.5073	80	15.9	2.53	1.71E+03	82.2
4432	10.529	-3.5073	80	25.1	3.99	2.59E+03	81.1
4433	10.529	-3.5073	80	39.8	6.33	3.90E+03	80
4434	10.529	-3.5073	80	63.1	10.04	5.82E+03	79.1
4435	10.529	-3.5073	80	100	15.92	8.64E+03	78.1
4436	10.529	-3.5073	95	1	0.16	2.11E+01	87.2
4437	10.529	-3.5073	95	1.59	0.25	3.60E+01	89.1
4438	10.529	-3.5073	95	2.51	0.4	5.76E+01	88.9
4439	10.529	-3.5073	95	3.98	0.63	8.95E+01	88.7
4440	10.529	-3.5073	95	6.31	1	1.40E+02	88.1
4441	10.529	-3.5073	95	10	1.59	2.22E+02	88.1
4442	10.529	-3.5073	95	15.9	2.53	3.46E+02	87
4443	10.529	-3.5073	95	25.1	3.99	5.38E+02	86.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4444	10.529	-3.5073	95	39.8	6.33	8.35E+02	85.5
4445	10.529	-3.5073	95	63.1	10.04	1.29E+03	84.7
4446	10.529	-3.5073	95	100	15.92	1.96E+03	83.9
4447	10.529	-3.5073	105	1	0.16	8.74E+00	88.6
4448	10.529	-3.5073	105	1.59	0.25	1.44E+01	89.2
4449	10.529	-3.5073	105	2.51	0.4	2.26E+01	90.3
4450	10.529	-3.5073	105	3.98	0.63	3.62E+01	89.7
4451	10.529	-3.5073	105	6.31	1	5.71E+01	89.3
4452	10.529	-3.5073	105	10	1.59	9.11E+01	89.1
4453	10.529	-3.5073	105	15.9	2.53	1.43E+02	88.9
4454	10.529	-3.5073	105	25.1	3.99	2.25E+02	88
4455	10.529	-3.5073	105	39.8	6.33	3.52E+02	87.5
4456	10.529	-3.5073	105	63.1	10.04	5.48E+02	86.8
4457	10.529	-3.5073	105	100	15.92	8.48E+02	86.2
4458	10.529	-3.5073	115	1	0.16	3.99E+00	94.6
4459	10.529	-3.5073	115	1.59	0.25	6.46E+00	90.1
4460	10.529	-3.5073	115	2.51	0.4	1.04E+01	87.7
4461	10.529	-3.5073	115	3.98	0.63	1.64E+01	90.2
4462	10.529	-3.5073	115	6.31	1	2.58E+01	89.5
4463	10.529	-3.5073	115	10	1.59	4.09E+01	89.7
4464	10.529	-3.5073	115	15.9	2.53	6.43E+01	89.5
4465	10.529	-3.5073	115	25.1	3.99	1.02E+02	89.1
4466	10.529	-3.5073	115	39.8	6.33	1.61E+02	88.8
4467	10.529	-3.5073	115	63.1	10.04	2.52E+02	88.1
4468	10.529	-3.5073	115	100	15.92	3.94E+02	87.7
4469	9.1881	-3.0184	15	1	0.16	1.02E+06	52.8
4470	9.1881	-3.0184	15	1.59	0.25	1.34E+06	52.1
4471	9.1881	-3.0184	15	2.51	0.4	1.74E+06	51.4
4472	9.1881	-3.0184	15	3.98	0.63	2.25E+06	50.6
4473	9.1881	-3.0184	15	6.31	1	2.90E+06	49.9
4474	9.1881	-3.0184	15	10	1.59	3.77E+06	49.6
4475	9.1881	-3.0184	15	15.9	2.53	4.82E+06	48.7
4476	9.1881	-3.0184	15	25.1	3.99	6.16E+06	48.1
4477	9.1881	-3.0184	15	39.8	6.33	7.76E+06	47.3
4478	9.1881	-3.0184	15	63.1	10.04	9.83E+06	46.4
4479	9.1881	-3.0184	15	100	15.92	1.23E+07	45.3
4480	9.1881	-3.0184	25	1	0.16	2.15E+05	56
4481	9.1881	-3.0184	25	1.59	0.25	2.85E+05	55.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4482	9.1881	-3.0184	25	2.51	0.4	3.78E+05	55.6
4483	9.1881	-3.0184	25	3.98	0.63	5.04E+05	55.3
4484	9.1881	-3.0184	25	6.31	1	6.67E+05	54.7
4485	9.1881	-3.0184	25	10	1.59	8.84E+05	54.5
4486	9.1881	-3.0184	25	15.9	2.53	1.17E+06	54.2
4487	9.1881	-3.0184	25	25.1	3.99	1.54E+06	53.5
4488	9.1881	-3.0184	25	39.8	6.33	2.01E+06	53
4489	9.1881	-3.0184	25	63.1	10.04	2.63E+06	52.6
4490	9.1881	-3.0184	25	100	15.92	3.40E+06	51.9
4491	9.1881	-3.0184	35	1	0.16	4.78E+04	57.3
4492	9.1881	-3.0184	35	1.59	0.25	6.40E+04	57.5
4493	9.1881	-3.0184	35	2.51	0.4	8.58E+04	57.5
4494	9.1881	-3.0184	35	3.98	0.63	1.15E+05	57.7
4495	9.1881	-3.0184	35	6.31	1	1.54E+05	57.8
4496	9.1881	-3.0184	35	10	1.59	2.08E+05	57.6
4497	9.1881	-3.0184	35	15.9	2.53	2.79E+05	57.6
4498	9.1881	-3.0184	35	25.1	3.99	3.74E+05	57.4
4499	9.1881	-3.0184	35	39.8	6.33	5.00E+05	57.6
4500	9.1881	-3.0184	35	63.1	10.04	6.70E+05	57.3
4501	9.1881	-3.0184	35	100	15.92	8.90E+05	57.2
4502	9.1881	-3.0184	45	1	0.16	1.26E+04	58.5
4503	9.1881	-3.0184	45	1.59	0.25	1.68E+04	59
4504	9.1881	-3.0184	45	2.51	0.4	2.24E+04	58.9
4505	9.1881	-3.0184	45	3.98	0.63	3.01E+04	59.2
4506	9.1881	-3.0184	45	6.31	1	4.01E+04	59.4
4507	9.1881	-3.0184	45	10	1.59	5.61E+04	58.9
4508	9.1881	-3.0184	45	15.9	2.53	7.58E+04	59.4
4509	9.1881	-3.0184	45	25.1	3.99	1.03E+05	59.5
4510	9.1881	-3.0184	45	39.8	6.33	1.37E+05	59.6
4511	9.1881	-3.0184	45	63.1	10.04	1.85E+05	60
4512	9.1881	-3.0184	45	100	15.92	2.49E+05	60.3
4513	9.1881	-3.0184	60	1	0.16	2.24E+03	62
4514	9.1881	-3.0184	60	1.59	0.25	3.06E+03	61.4
4515	9.1881	-3.0184	60	2.51	0.4	4.19E+03	61.2
4516	9.1881	-3.0184	60	3.98	0.63	5.69E+03	60.9
4517	9.1881	-3.0184	60	6.31	1	7.76E+03	60.9
4518	9.1881	-3.0184	60	10	1.59	1.06E+04	61.3
4519	9.1881	-3.0184	60	15.9	2.53	1.45E+04	61.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4520	9.1881	-3.0184	60	25.1	3.99	1.98E+04	61.5
4521	9.1881	-3.0184	60	39.8	6.33	2.68E+04	61.7
4522	9.1881	-3.0184	60	63.1	10.04	3.68E+04	62.1
4523	9.1881	-3.0184	60	100	15.92	5.00E+04	62.8
4524	9.1881	-3.0184	70	1	0.16	8.15E+02	65.9
4525	9.1881	-3.0184	70	1.59	0.25	1.13E+03	64.8
4526	9.1881	-3.0184	70	2.51	0.4	1.57E+03	64.1
4527	9.1881	-3.0184	70	3.98	0.63	2.16E+03	63.6
4528	9.1881	-3.0184	70	6.31	1	2.98E+03	63.3
4529	9.1881	-3.0184	70	10	1.59	4.12E+03	63.1
4530	9.1881	-3.0184	70	15.9	2.53	5.68E+03	63.1
4531	9.1881	-3.0184	70	25.1	3.99	7.79E+03	62.8
4532	9.1881	-3.0184	70	39.8	6.33	1.07E+04	62.8
4533	9.1881	-3.0184	70	63.1	10.04	1.47E+04	63
4534	9.1881	-3.0184	70	100	15.92	2.01E+04	63.4
4535	9.1881	-3.0184	80	1	0.16	3.09E+02	70.9
4536	9.1881	-3.0184	80	1.59	0.25	4.41E+02	69.3
4537	9.1881	-3.0184	80	2.51	0.4	6.25E+02	68.2
4538	9.1881	-3.0184	80	3.98	0.63	8.76E+02	67.4
4539	9.1881	-3.0184	80	6.31	1	1.23E+03	66.5
4540	9.1881	-3.0184	80	10	1.59	1.72E+03	65.8
4541	9.1881	-3.0184	80	15.9	2.53	2.41E+03	65.5
4542	9.1881	-3.0184	80	25.1	3.99	3.36E+03	65.1
4543	9.1881	-3.0184	80	39.8	6.33	4.64E+03	64.8
4544	9.1881	-3.0184	80	63.1	10.04	6.43E+03	64.7
4545	9.1881	-3.0184	80	100	15.92	8.88E+03	64.7
4546	9.1881	-3.0184	95	1	0.16	6.33E+01	81.4
4547	9.1881	-3.0184	95	1.59	0.25	9.38E+01	78.5
4548	9.1881	-3.0184	95	2.51	0.4	1.40E+02	77
4549	9.1881	-3.0184	95	3.98	0.63	2.06E+02	75.6
4550	9.1881	-3.0184	95	6.31	1	3.07E+02	74.8
4551	9.1881	-3.0184	95	10	1.59	4.62E+02	72.9
4552	9.1881	-3.0184	95	15.9	2.53	6.57E+02	72.5
4553	9.1881	-3.0184	95	25.1	3.99	8.89E+02	72.5
4554	9.1881	-3.0184	95	39.8	6.33	1.33E+03	71.1
4555	9.1881	-3.0184	95	63.1	10.04	1.90E+03	70.2
4556	9.1881	-3.0184	95	100	15.92	2.70E+03	69.7
4557	9.1881	-3.0184	105	1	0.16	2.37E+01	84.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4558	9.1881	-3.0184	105	1.59	0.25	3.79E+01	84.7
4559	9.1881	-3.0184	105	2.51	0.4	5.67E+01	82.9
4560	9.1881	-3.0184	105	3.98	0.63	8.76E+01	81.2
4561	9.1881	-3.0184	105	6.31	1	1.33E+02	80.1
4562	9.1881	-3.0184	105	10	1.59	2.01E+02	79.2
4563	9.1881	-3.0184	105	15.9	2.53	2.97E+02	77.9
4564	9.1881	-3.0184	105	25.1	3.99	4.42E+02	78.1
4565	9.1881	-3.0184	105	39.8	6.33	6.43E+02	75.3
4566	9.1881	-3.0184	105	63.1	10.04	9.33E+02	74.1
4567	9.1881	-3.0184	105	100	15.92	1.35E+03	73.2
4568	9.1881	-3.0184	115	1	0.16	1.07E+01	84.8
4569	9.1881	-3.0184	115	1.59	0.25	1.57E+01	87.5
4570	9.1881	-3.0184	115	2.51	0.4	2.45E+01	86.3
4571	9.1881	-3.0184	115	3.98	0.63	3.89E+01	84.9
4572	9.1881	-3.0184	115	6.31	1	6.03E+01	83.9
4573	9.1881	-3.0184	115	10	1.59	9.46E+01	83.5
4574	9.1881	-3.0184	115	15.9	2.53	1.42E+02	81.8
4575	9.1881	-3.0184	115	25.1	3.99	2.13E+02	80.6
4576	9.1881	-3.0184	115	39.8	6.33	3.23E+02	79.5
4577	9.1881	-3.0184	115	63.1	10.04	4.79E+02	78
4578	9.1881	-3.0184	115	100	15.92	7.05E+02	76.8
4579	8.9046	-2.9089	15	1	0.16	1.82E+06	46.4
4580	8.9046	-2.9089	15	1.59	0.25	2.31E+06	45.9
4581	8.9046	-2.9089	15	2.51	0.4	2.89E+06	45.3
4582	8.9046	-2.9089	15	3.98	0.63	3.64E+06	44.7
4583	8.9046	-2.9089	15	6.31	1	4.57E+06	43.9
4584	8.9046	-2.9089	15	10	1.59	5.90E+06	43.4
4585	8.9046	-2.9089	15	15.9	2.53	7.22E+06	42.9
4586	8.9046	-2.9089	15	25.1	3.99	8.99E+06	42.4
4587	8.9046	-2.9089	15	39.8	6.33	1.07E+07	41.9
4588	8.9046	-2.9089	15	63.1	10.04	1.35E+07	41.4
4589	8.9046	-2.9089	15	100	15.92	1.66E+07	40.9
4590	8.9046	-2.9089	25	1	0.16	3.86E+05	50.8
4591	8.9046	-2.9089	25	1.59	0.25	5.03E+05	50.5
4592	8.9046	-2.9089	25	2.51	0.4	6.55E+05	50.5
4593	8.9046	-2.9089	25	3.98	0.63	8.45E+05	50
4594	8.9046	-2.9089	25	6.31	1	1.09E+06	49.6
4595	8.9046	-2.9089	25	10	1.59	1.39E+06	49.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4596	8.9046	-2.9089	25	15.9	2.53	1.79E+06	49.2
4597	8.9046	-2.9089	25	25.1	3.99	2.29E+06	48.9
4598	8.9046	-2.9089	25	39.8	6.33	2.93E+06	48.1
4599	8.9046	-2.9089	25	63.1	10.04	3.73E+06	47.8
4600	8.9046	-2.9089	25	100	15.92	4.72E+06	47.3
4601	8.9046	-2.9089	35	1	0.16	9.26E+04	53.5
4602	8.9046	-2.9089	35	1.59	0.25	1.21E+05	53.5
4603	8.9046	-2.9089	35	2.51	0.4	1.59E+05	53.3
4604	8.9046	-2.9089	35	3.98	0.63	2.09E+05	53.6
4605	8.9046	-2.9089	35	6.31	1	2.75E+05	53.5
4606	8.9046	-2.9089	35	10	1.59	3.62E+05	53.4
4607	8.9046	-2.9089	35	15.9	2.53	4.74E+05	53.4
4608	8.9046	-2.9089	35	25.1	3.99	6.24E+05	53.2
4609	8.9046	-2.9089	35	39.8	6.33	8.17E+05	53.1
4610	8.9046	-2.9089	35	63.1	10.04	1.07E+06	53
4611	8.9046	-2.9089	35	100	15.92	1.39E+06	52.8
4612	8.9046	-2.9089	45	1	0.16	2.65E+04	54.1
4613	8.9046	-2.9089	45	1.59	0.25	3.48E+04	54.4
4614	8.9046	-2.9089	45	2.51	0.4	4.58E+04	54.6
4615	8.9046	-2.9089	45	3.98	0.63	6.03E+04	54.8
4616	8.9046	-2.9089	45	6.31	1	7.94E+04	55.2
4617	8.9046	-2.9089	45	10	1.59	1.08E+05	54.8
4618	8.9046	-2.9089	45	15.9	2.53	1.43E+05	55.2
4619	8.9046	-2.9089	45	25.1	3.99	1.89E+05	55.4
4620	8.9046	-2.9089	45	39.8	6.33	2.50E+05	55.5
4621	8.9046	-2.9089	45	63.1	10.04	3.32E+05	55.9
4622	8.9046	-2.9089	45	100	15.92	4.37E+05	56.1
4623	8.9046	-2.9089	60	1	0.16	5.03E+03	55.5
4624	8.9046	-2.9089	60	1.59	0.25	6.59E+03	55.6
4625	8.9046	-2.9089	60	2.51	0.4	8.76E+03	55.8
4626	8.9046	-2.9089	60	3.98	0.63	1.16E+04	55.6
4627	8.9046	-2.9089	60	6.31	1	1.53E+04	55.7
4628	8.9046	-2.9089	60	10	1.59	2.03E+04	55.9
4629	8.9046	-2.9089	60	15.9	2.53	2.75E+04	56.9
4630	8.9046	-2.9089	60	25.1	3.99	3.64E+04	56.5
4631	8.9046	-2.9089	60	39.8	6.33	4.82E+04	57.4
4632	8.9046	-2.9089	60	63.1	10.04	6.47E+04	58.2
4633	8.9046	-2.9089	60	100	15.92	8.72E+04	58.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4634	8.9046	-2.9089	70	1	0.16	1.91E+03	58.9
4635	8.9046	-2.9089	70	1.59	0.25	2.55E+03	57.9
4636	8.9046	-2.9089	70	2.51	0.4	3.42E+03	57.7
4637	8.9046	-2.9089	70	3.98	0.63	4.57E+03	57.4
4638	8.9046	-2.9089	70	6.31	1	6.11E+03	57.3
4639	8.9046	-2.9089	70	10	1.59	8.16E+03	57.3
4640	8.9046	-2.9089	70	15.9	2.53	1.10E+04	57.6
4641	8.9046	-2.9089	70	25.1	3.99	1.47E+04	58
4642	8.9046	-2.9089	70	39.8	6.33	1.96E+04	58.2
4643	8.9046	-2.9089	70	63.1	10.04	2.63E+04	58.6
4644	8.9046	-2.9089	70	100	15.92	3.51E+04	59.3
4645	8.9046	-2.9089	80	1	0.16	7.28E+02	64.3
4646	8.9046	-2.9089	80	1.59	0.25	1.01E+03	62.7
4647	8.9046	-2.9089	80	2.51	0.4	1.38E+03	61.6
4648	8.9046	-2.9089	80	3.98	0.63	1.88E+03	61
4649	8.9046	-2.9089	80	6.31	1	2.55E+03	60.3
4650	8.9046	-2.9089	80	10	1.59	3.46E+03	59.9
4651	8.9046	-2.9089	80	15.9	2.53	4.69E+03	59.7
4652	8.9046	-2.9089	80	25.1	3.99	6.33E+03	59.8
4653	8.9046	-2.9089	80	39.8	6.33	8.56E+03	59.7
4654	8.9046	-2.9089	80	63.1	10.04	1.15E+04	59.9
4655	8.9046	-2.9089	80	100	15.92	1.56E+04	60.2
4656	8.9046	-2.9089	95	1	0.16	1.52E+02	74.9
4657	8.9046	-2.9089	95	1.59	0.25	2.25E+02	75.1
4658	8.9046	-2.9089	95	2.51	0.4	3.25E+02	71.2
4659	8.9046	-2.9089	95	3.98	0.63	4.61E+02	69.9
4660	8.9046	-2.9089	95	6.31	1	6.53E+02	68.6
4661	8.9046	-2.9089	95	10	1.59	9.38E+02	66.2
4662	8.9046	-2.9089	95	15.9	2.53	1.34E+03	66.1
4663	8.9046	-2.9089	95	25.1	3.99	1.79E+03	64.5
4664	8.9046	-2.9089	95	39.8	6.33	2.57E+03	64.1
4665	8.9046	-2.9089	95	63.1	10.04	3.53E+03	63.3
4666	8.9046	-2.9089	95	100	15.92	4.78E+03	63.7
4667	8.9046	-2.9089	105	1	0.16	5.79E+01	80.7
4668	8.9046	-2.9089	105	1.59	0.25	8.98E+01	80.5
4669	8.9046	-2.9089	105	2.51	0.4	1.34E+02	77.6
4670	8.9046	-2.9089	105	3.98	0.63	1.98E+02	76.1
4671	8.9046	-2.9089	105	6.31	1	2.91E+02	74.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4672	8.9046	-2.9089	105	10	1.59	4.33E+02	73.5
4673	8.9046	-2.9089	105	15.9	2.53	6.24E+02	72
4674	8.9046	-2.9089	105	25.1	3.99	9.01E+02	70.4
4675	8.9046	-2.9089	105	39.8	6.33	1.26E+03	69.4
4676	8.9046	-2.9089	105	63.1	10.04	1.78E+03	68.9
4677	8.9046	-2.9089	105	100	15.92	2.46E+03	67.6
4678	8.9046	-2.9089	115	1	0.16	2.36E+01	86.8
4679	8.9046	-2.9089	115	1.59	0.25	3.66E+01	85
4680	8.9046	-2.9089	115	2.51	0.4	5.62E+01	82.9
4681	8.9046	-2.9089	115	3.98	0.63	8.58E+01	81.5
4682	8.9046	-2.9089	115	6.31	1	1.30E+02	79.8
4683	8.9046	-2.9089	115	10	1.59	1.96E+02	78.5
4684	8.9046	-2.9089	115	15.9	2.53	2.90E+02	77.5
4685	8.9046	-2.9089	115	25.1	3.99	4.25E+02	75.3
4686	8.9046	-2.9089	115	39.8	6.33	6.17E+02	74.1
4687	8.9046	-2.9089	115	63.1	10.04	8.90E+02	72.8
4688	8.9046	-2.9089	115	100	15.92	1.28E+03	71.8
4689	7.7598	-2.4801	15	1	0.16	3.76E+06	38.2
4690	7.7598	-2.4801	15	1.59	0.25	4.55E+06	37.5
4691	7.7598	-2.4801	15	2.51	0.4	5.44E+06	36.6
4692	7.7598	-2.4801	15	3.98	0.63	6.59E+06	36
4693	7.7598	-2.4801	15	6.31	1	7.90E+06	35.7
4694	7.7598	-2.4801	15	10	1.59	9.57E+06	35.5
4695	7.7598	-2.4801	15	15.9	2.53	1.14E+07	35.5
4696	7.7598	-2.4801	15	25.1	3.99	1.35E+07	34.5
4697	7.7598	-2.4801	15	39.8	6.33	1.61E+07	33.8
4698	7.7598	-2.4801	15	63.1	10.04	1.90E+07	33.6
4699	7.7598	-2.4801	15	100	15.92	2.25E+07	33.2
4700	7.7598	-2.4801	25	1	0.16	9.50E+05	42.9
4701	7.7598	-2.4801	25	1.59	0.25	1.18E+06	42.6
4702	7.7598	-2.4801	25	2.51	0.4	1.46E+06	42.1
4703	7.7598	-2.4801	25	3.98	0.63	1.81E+06	41.5
4704	7.7598	-2.4801	25	6.31	1	2.24E+06	41.2
4705	7.7598	-2.4801	25	10	1.59	2.79E+06	41.2
4706	7.7598	-2.4801	25	15.9	2.53	3.43E+06	41
4707	7.7598	-2.4801	25	25.1	3.99	4.20E+06	40
4708	7.7598	-2.4801	25	39.8	6.33	5.14E+06	39.7
4709	7.7598	-2.4801	25	63.1	10.04	6.22E+06	39.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4710	7.7598	-2.4801	25	100	15.92	7.55E+06	39.3
4711	7.7598	-2.4801	35	1	0.16	2.37E+05	47.4
4712	7.7598	-2.4801	35	1.59	0.25	3.05E+05	47
4713	7.7598	-2.4801	35	2.51	0.4	3.88E+05	46.6
4714	7.7598	-2.4801	35	3.98	0.63	4.92E+05	46.6
4715	7.7598	-2.4801	35	6.31	1	6.25E+05	46.1
4716	7.7598	-2.4801	35	10	1.59	8.06E+05	45.7
4717	7.7598	-2.4801	35	15.9	2.53	1.02E+06	45.5
4718	7.7598	-2.4801	35	25.1	3.99	1.28E+06	45.3
4719	7.7598	-2.4801	35	39.8	6.33	1.60E+06	45.1
4720	7.7598	-2.4801	35	63.1	10.04	2.01E+06	44.8
4721	7.7598	-2.4801	35	100	15.92	2.51E+06	44.6
4722	7.7598	-2.4801	45	1	0.16	8.45E+04	47.1
4723	7.7598	-2.4801	45	1.59	0.25	1.07E+05	47.6
4724	7.7598	-2.4801	45	2.51	0.4	1.37E+05	47.6
4725	7.7598	-2.4801	45	3.98	0.63	1.75E+05	47.7
4726	7.7598	-2.4801	45	6.31	1	2.23E+05	47.9
4727	7.7598	-2.4801	45	10	1.59	2.91E+05	47.6
4728	7.7598	-2.4801	45	15.9	2.53	3.73E+05	48
4729	7.7598	-2.4801	45	25.1	3.99	4.74E+05	47.9
4730	7.7598	-2.4801	45	39.8	6.33	6.05E+05	48
4731	7.7598	-2.4801	45	63.1	10.04	7.71E+05	48.1
4732	7.7598	-2.4801	45	100	15.92	9.79E+05	48.3
4733	7.7598	-2.4801	60	1	0.16	1.91E+04	46.8
4734	7.7598	-2.4801	60	1.59	0.25	2.41E+04	47.3
4735	7.7598	-2.4801	60	2.51	0.4	3.04E+04	47.2
4736	7.7598	-2.4801	60	3.98	0.63	3.90E+04	48
4737	7.7598	-2.4801	60	6.31	1	4.94E+04	48.5
4738	7.7598	-2.4801	60	10	1.59	6.45E+04	47.7
4739	7.7598	-2.4801	60	15.9	2.53	8.17E+04	48.7
4740	7.7598	-2.4801	60	25.1	3.99	1.03E+05	48.5
4741	7.7598	-2.4801	60	39.8	6.33	1.34E+05	49.1
4742	7.7598	-2.4801	60	63.1	10.04	1.75E+05	50.5
4743	7.7598	-2.4801	60	100	15.92	2.24E+05	51.1
4744	7.7598	-2.4801	70	1	0.16	7.78E+03	47.5
4745	7.7598	-2.4801	70	1.59	0.25	9.84E+03	47.7
4746	7.7598	-2.4801	70	2.51	0.4	1.25E+04	47.9
4747	7.7598	-2.4801	70	3.98	0.63	1.59E+04	47.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4748	7.7598	-2.4801	70	6.31	1	2.02E+04	48.2
4749	7.7598	-2.4801	70	10	1.59	2.66E+04	48.8
4750	7.7598	-2.4801	70	15.9	2.53	3.40E+04	49.5
4751	7.7598	-2.4801	70	25.1	3.99	4.36E+04	50.1
4752	7.7598	-2.4801	70	39.8	6.33	5.58E+04	50.8
4753	7.7598	-2.4801	70	63.1	10.04	7.18E+04	50.7
4754	7.7598	-2.4801	70	100	15.92	9.25E+04	52.1
4755	7.7598	-2.4801	80	1	0.16	3.45E+03	50.2
4756	7.7598	-2.4801	80	1.59	0.25	4.42E+03	49.3
4757	7.7598	-2.4801	80	2.51	0.4	5.61E+03	49.1
4758	7.7598	-2.4801	80	3.98	0.63	7.17E+03	48.9
4759	7.7598	-2.4801	80	6.31	1	9.17E+03	48.8
4760	7.7598	-2.4801	80	10	1.59	1.20E+04	49.4
4761	7.7598	-2.4801	80	15.9	2.53	1.52E+04	49.8
4762	7.7598	-2.4801	80	25.1	3.99	1.95E+04	50.3
4763	7.7598	-2.4801	80	39.8	6.33	2.51E+04	50.8
4764	7.7598	-2.4801	80	63.1	10.04	3.21E+04	51.3
4765	7.7598	-2.4801	80	100	15.92	4.18E+04	52.2
4766	7.7598	-2.4801	95	1	0.16	9.74E+02	55.1
4767	7.7598	-2.4801	95	1.59	0.25	1.31E+03	54.8
4768	7.7598	-2.4801	95	2.51	0.4	1.72E+03	54.4
4769	7.7598	-2.4801	95	3.98	0.63	2.25E+03	52.1
4770	7.7598	-2.4801	95	6.31	1	2.96E+03	53.2
4771	7.7598	-2.4801	95	10	1.59	3.87E+03	51.5
4772	7.7598	-2.4801	95	15.9	2.53	5.01E+03	51.6
4773	7.7598	-2.4801	95	25.1	3.99	6.50E+03	51.8
4774	7.7598	-2.4801	95	39.8	6.33	8.39E+03	52.1
4775	7.7598	-2.4801	95	63.1	10.04	1.08E+04	52.4
4776	7.7598	-2.4801	95	100	15.92	1.40E+04	52.7
4777	7.7598	-2.4801	105	1	0.16	4.62E+02	62.3
4778	7.7598	-2.4801	105	1.59	0.25	6.54E+02	57
4779	7.7598	-2.4801	105	2.51	0.4	8.56E+02	57.5
4780	7.7598	-2.4801	105	3.98	0.63	1.16E+03	56.9
4781	7.7598	-2.4801	105	6.31	1	1.53E+03	56.1
4782	7.7598	-2.4801	105	10	1.59	1.94E+03	55.6
4783	7.7598	-2.4801	105	15.9	2.53	2.56E+03	53.3
4784	7.7598	-2.4801	105	25.1	3.99	3.32E+03	55.3
4785	7.7598	-2.4801	105	39.8	6.33	4.42E+03	54

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4786	7.7598	-2.4801	105	63.1	10.04	5.92E+03	54.9
4787	7.7598	-2.4801	105	100	15.92	7.54E+03	54.5
4788	7.7598	-2.4801	115	1	0.16	2.10E+02	69.2
4789	7.7598	-2.4801	115	1.59	0.25	2.94E+02	67.4
4790	7.7598	-2.4801	115	2.51	0.4	4.20E+02	63
4791	7.7598	-2.4801	115	3.98	0.63	5.67E+02	62.5
4792	7.7598	-2.4801	115	6.31	1	7.66E+02	60.8
4793	7.7598	-2.4801	115	10	1.59	1.10E+03	59.8
4794	7.7598	-2.4801	115	15.9	2.53	1.46E+03	57.6
4795	7.7598	-2.4801	115	25.1	3.99	1.86E+03	55.9
4796	7.7598	-2.4801	115	39.8	6.33	2.54E+03	56
4797	7.7598	-2.4801	115	63.1	10.04	3.35E+03	56.3
4798	7.7598	-2.4801	115	100	15.92	4.43E+03	56.1
4799	8.4219	-2.7298	15	1	0.16	1.26E+06	46.4
4800	8.4219	-2.7298	15	1.59	0.25	1.60E+06	46.1
4801	8.4219	-2.7298	15	2.51	0.4	2.02E+06	45.6
4802	8.4219	-2.7298	15	3.98	0.63	2.56E+06	44.7
4803	8.4219	-2.7298	15	6.31	1	3.22E+06	44.2
4804	8.4219	-2.7298	15	10	1.59	4.09E+06	43.6
4805	8.4219	-2.7298	15	15.9	2.53	5.09E+06	43.9
4806	8.4219	-2.7298	15	25.1	3.99	6.33E+06	42.6
4807	8.4219	-2.7298	15	39.8	6.33	7.83E+06	42.1
4808	8.4219	-2.7298	15	63.1	10.04	9.61E+06	41.8
4809	8.4219	-2.7298	15	100	15.92	1.18E+07	41.2
4810	8.4219	-2.7298	25	1	0.16	3.61E+05	48.7
4811	8.4219	-2.7298	25	1.59	0.25	4.66E+05	48.7
4812	8.4219	-2.7298	25	2.51	0.4	5.98E+05	48.3
4813	8.4219	-2.7298	25	3.98	0.63	7.65E+05	48.1
4814	8.4219	-2.7298	25	6.31	1	9.77E+05	47.8
4815	8.4219	-2.7298	25	10	1.59	1.25E+06	47.4
4816	8.4219	-2.7298	25	15.9	2.53	1.58E+06	47.1
4817	8.4219	-2.7298	25	25.1	3.99	2.00E+06	46.9
4818	8.4219	-2.7298	25	39.8	6.33	2.53E+06	46.4
4819	8.4219	-2.7298	25	63.1	10.04	3.19E+06	46.1
4820	8.4219	-2.7298	25	100	15.92	4.03E+06	45.7
4821	8.4219	-2.7298	35	1	0.16	1.01E+05	50.5
4822	8.4219	-2.7298	35	1.59	0.25	1.31E+05	50.7
4823	8.4219	-2.7298	35	2.51	0.4	1.70E+05	50.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4824	8.4219	-2.7298	35	3.98	0.63	2.19E+05	50.2
4825	8.4219	-2.7298	35	6.31	1	2.83E+05	50.4
4826	8.4219	-2.7298	35	10	1.59	3.71E+05	50.4
4827	8.4219	-2.7298	35	15.9	2.53	4.80E+05	50.4
4828	8.4219	-2.7298	35	25.1	3.99	6.20E+05	50.2
4829	8.4219	-2.7298	35	39.8	6.33	7.96E+05	50.3
4830	8.4219	-2.7298	35	63.1	10.04	1.03E+06	50.3
4831	8.4219	-2.7298	35	100	15.92	1.32E+06	50.2
4832	8.4219	-2.7298	45	1	0.16	4.40E+04	50.9
4833	8.4219	-2.7298	45	1.59	0.25	5.69E+04	50.9
4834	8.4219	-2.7298	45	2.51	0.4	7.26E+04	51.5
4835	8.4219	-2.7298	45	3.98	0.63	9.46E+04	51.5
4836	8.4219	-2.7298	45	6.31	1	1.22E+05	52.2
4837	8.4219	-2.7298	45	10	1.59	1.58E+05	51.9
4838	8.4219	-2.7298	45	15.9	2.53	2.03E+05	52.5
4839	8.4219	-2.7298	45	25.1	3.99	2.67E+05	53.4
4840	8.4219	-2.7298	45	39.8	6.33	3.50E+05	53.9
4841	8.4219	-2.7298	45	63.1	10.04	4.54E+05	53.4
4842	8.4219	-2.7298	45	100	15.92	6.04E+05	52.6
4843	8.4219	-2.7298	60	1	0.16	5.66E+03	51.2
4844	8.4219	-2.7298	60	1.59	0.25	7.30E+03	51.6
4845	8.4219	-2.7298	60	2.51	0.4	9.49E+03	51.6
4846	8.4219	-2.7298	60	3.98	0.63	1.23E+04	51.8
4847	8.4219	-2.7298	60	6.31	1	1.60E+04	52
4848	8.4219	-2.7298	60	10	1.59	2.10E+04	52.9
4849	8.4219	-2.7298	60	15.9	2.53	2.74E+04	53.4
4850	8.4219	-2.7298	60	25.1	3.99	3.58E+04	53.8
4851	8.4219	-2.7298	60	39.8	6.33	4.69E+04	54.1
4852	8.4219	-2.7298	60	63.1	10.04	6.17E+04	54.8
4853	8.4219	-2.7298	60	100	15.92	8.10E+04	55.8
4854	8.4219	-2.7298	70	1	0.16	2.43E+03	54.1
4855	8.4219	-2.7298	70	1.59	0.25	3.20E+03	53.4
4856	8.4219	-2.7298	70	2.51	0.4	4.19E+03	53.8
4857	8.4219	-2.7298	70	3.98	0.63	5.53E+03	53.1
4858	8.4219	-2.7298	70	6.31	1	7.21E+03	53.1
4859	8.4219	-2.7298	70	10	1.59	9.57E+03	53.6
4860	8.4219	-2.7298	70	15.9	2.53	1.26E+04	53.5
4861	8.4219	-2.7298	70	25.1	3.99	1.63E+04	54.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4862	8.4219	-2.7298	70	39.8	6.33	2.16E+04	54.5
4863	8.4219	-2.7298	70	63.1	10.04	2.84E+04	55.1
4864	8.4219	-2.7298	70	100	15.92	3.73E+04	55.7
4865	8.4219	-2.7298	80	1	0.16	1.06E+03	57.7
4866	8.4219	-2.7298	80	1.59	0.25	1.41E+03	57.1
4867	8.4219	-2.7298	80	2.51	0.4	1.89E+03	56.4
4868	8.4219	-2.7298	80	3.98	0.63	2.51E+03	55.8
4869	8.4219	-2.7298	80	6.31	1	3.32E+03	55.6
4870	8.4219	-2.7298	80	10	1.59	4.45E+03	55.4
4871	8.4219	-2.7298	80	15.9	2.53	5.89E+03	55.2
4872	8.4219	-2.7298	80	25.1	3.99	7.78E+03	55.5
4873	8.4219	-2.7298	80	39.8	6.33	1.03E+04	55.6
4874	8.4219	-2.7298	80	63.1	10.04	1.36E+04	56
4875	8.4219	-2.7298	80	100	15.92	1.80E+04	56.6
4876	8.4219	-2.7298	95	1	0.16	2.57E+02	64.6
4877	8.4219	-2.7298	95	1.59	0.25	3.70E+02	64.8
4878	8.4219	-2.7298	95	2.51	0.4	5.22E+02	65.1
4879	8.4219	-2.7298	95	3.98	0.63	7.16E+02	64
4880	8.4219	-2.7298	95	6.31	1	9.83E+02	62.7
4881	8.4219	-2.7298	95	10	1.59	1.39E+03	62.3
4882	8.4219	-2.7298	95	15.9	2.53	1.89E+03	60.3
4883	8.4219	-2.7298	95	25.1	3.99	2.52E+03	59.8
4884	8.4219	-2.7298	95	39.8	6.33	3.43E+03	59.3
4885	8.4219	-2.7298	95	63.1	10.04	4.69E+03	60.7
4886	8.4219	-2.7298	95	100	15.92	6.20E+03	60.1
4887	8.4219	-2.7298	105	1	0.16	1.13E+02	77
4888	8.4219	-2.7298	105	1.59	0.25	1.68E+02	73
4889	8.4219	-2.7298	105	2.51	0.4	2.43E+02	70.4
4890	8.4219	-2.7298	105	3.98	0.63	3.38E+02	68.1
4891	8.4219	-2.7298	105	6.31	1	4.79E+02	66.9
4892	8.4219	-2.7298	105	10	1.59	6.71E+02	66
4893	8.4219	-2.7298	105	15.9	2.53	9.55E+02	65.8
4894	8.4219	-2.7298	105	25.1	3.99	1.27E+03	65.5
4895	8.4219	-2.7298	105	39.8	6.33	1.76E+03	63.5
4896	8.4219	-2.7298	105	63.1	10.04	2.44E+03	63
4897	8.4219	-2.7298	105	100	15.92	3.35E+03	61.8
4898	8.4219	-2.7298	115	1	0.16	4.78E+01	77.4
4899	8.4219	-2.7298	115	1.59	0.25	7.25E+01	78

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4900	8.4219	-2.7298	115	2.51	0.4	1.10E+02	75.6
4901	8.4219	-2.7298	115	3.98	0.63	1.60E+02	74.2
4902	8.4219	-2.7298	115	6.31	1	2.33E+02	72.2
4903	8.4219	-2.7298	115	10	1.59	3.39E+02	71.2
4904	8.4219	-2.7298	115	15.9	2.53	4.83E+02	69.4
4905	8.4219	-2.7298	115	25.1	3.99	6.84E+02	68.1
4906	8.4219	-2.7298	115	39.8	6.33	9.55E+02	67.3
4907	8.4219	-2.7298	115	63.1	10.04	1.33E+03	66.3
4908	8.4219	-2.7298	115	100	15.92	1.86E+03	66
4909	9.0667	-2.9822	15	1	0.16	1.84E+06	50.6
4910	9.0667	-2.9822	15	1.59	0.25	2.36E+06	49.2
4911	9.0667	-2.9822	15	2.51	0.4	3.02E+06	48
4912	9.0667	-2.9822	15	3.98	0.63	3.83E+06	46.4
4913	9.0667	-2.9822	15	6.31	1	4.81E+06	45.4
4914	9.0667	-2.9822	15	10	1.59	6.17E+06	44.8
4915	9.0667	-2.9822	15	15.9	2.53	7.61E+06	43.2
4916	9.0667	-2.9822	15	25.1	3.99	9.32E+06	42.8
4917	9.0667	-2.9822	15	39.8	6.33	1.15E+07	41
4918	9.0667	-2.9822	15	63.1	10.04	1.40E+07	40.9
4919	9.0667	-2.9822	15	100	15.92	1.72E+07	39.6
4920	9.0667	-2.9822	25	1	0.16	3.53E+05	59.1
4921	9.0667	-2.9822	25	1.59	0.25	4.72E+05	58.3
4922	9.0667	-2.9822	25	2.51	0.4	6.37E+05	57.1
4923	9.0667	-2.9822	25	3.98	0.63	8.47E+05	55.7
4924	9.0667	-2.9822	25	6.31	1	1.12E+06	54.3
4925	9.0667	-2.9822	25	10	1.59	1.52E+06	52.8
4926	9.0667	-2.9822	25	15.9	2.53	1.97E+06	51.7
4927	9.0667	-2.9822	25	25.1	3.99	2.54E+06	50.3
4928	9.0667	-2.9822	25	39.8	6.33	3.26E+06	49.1
4929	9.0667	-2.9822	25	63.1	10.04	4.14E+06	47.9
4930	9.0667	-2.9822	25	100	15.92	5.24E+06	47.1
4931	9.0667	-2.9822	35	1	0.16	6.44E+04	66.6
4932	9.0667	-2.9822	35	1.59	0.25	8.97E+04	65.7
4933	9.0667	-2.9822	35	2.51	0.4	1.25E+05	64.6
4934	9.0667	-2.9822	35	3.98	0.63	1.72E+05	63.6
4935	9.0667	-2.9822	35	6.31	1	2.36E+05	62.7
4936	9.0667	-2.9822	35	10	1.59	3.27E+05	61.6
4937	9.0667	-2.9822	35	15.9	2.53	4.44E+05	60.5

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4938	9.0667	-2.9822	35	25.1	3.99	6.03E+05	59
4939	9.0667	-2.9822	35	39.8	6.33	8.11E+05	58.1
4940	9.0667	-2.9822	35	63.1	10.04	1.09E+06	57
4941	9.0667	-2.9822	35	100	15.92	1.44E+06	55.7
4942	9.0667	-2.9822	45	1	0.16	1.03E+04	74.8
4943	9.0667	-2.9822	45	1.59	0.25	1.48E+04	74.3
4944	9.0667	-2.9822	45	2.51	0.4	2.10E+04	73.6
4945	9.0667	-2.9822	45	3.98	0.63	2.99E+04	72.6
4946	9.0667	-2.9822	45	6.31	1	4.22E+04	71.8
4947	9.0667	-2.9822	45	10	1.59	6.13E+04	70
4948	9.0667	-2.9822	45	15.9	2.53	8.61E+04	68.8
4949	9.0667	-2.9822	45	25.1	3.99	1.22E+05	68.2
4950	9.0667	-2.9822	45	39.8	6.33	1.71E+05	67.3
4951	9.0667	-2.9822	45	63.1	10.04	2.39E+05	66.5
4952	9.0667	-2.9822	45	100	15.92	3.29E+05	65.6
4953	9.0667	-2.9822	60	1	0.16	1.30E+03	80.4
4954	9.0667	-2.9822	60	1.59	0.25	1.94E+03	79.7
4955	9.0667	-2.9822	60	2.51	0.4	2.89E+03	78.9
4956	9.0667	-2.9822	60	3.98	0.63	4.31E+03	77.9
4957	9.0667	-2.9822	60	6.31	1	6.37E+03	76.8
4958	9.0667	-2.9822	60	10	1.59	9.47E+03	76.3
4959	9.0667	-2.9822	60	15.9	2.53	1.38E+04	75.3
4960	9.0667	-2.9822	60	25.1	3.99	2.02E+04	74.2
4961	9.0667	-2.9822	60	39.8	6.33	2.93E+04	73.5
4962	9.0667	-2.9822	60	63.1	10.04	4.22E+04	72.7
4963	9.0667	-2.9822	60	100	15.92	6.05E+04	71.8
4964	9.0667	-2.9822	70	1	0.16	3.24E+02	83.6
4965	9.0667	-2.9822	70	1.59	0.25	4.93E+02	83.3
4966	9.0667	-2.9822	70	2.51	0.4	7.44E+02	82.8
4967	9.0667	-2.9822	70	3.98	0.63	1.12E+03	81.9
4968	9.0667	-2.9822	70	6.31	1	1.69E+03	81.2
4969	9.0667	-2.9822	70	10	1.59	2.54E+03	79.9
4970	9.0667	-2.9822	70	15.9	2.53	3.80E+03	78.9
4971	9.0667	-2.9822	70	25.1	3.99	5.65E+03	78.1
4972	9.0667	-2.9822	70	39.8	6.33	8.38E+03	77.2
4973	9.0667	-2.9822	70	63.1	10.04	1.23E+04	76.5
4974	9.0667	-2.9822	70	100	15.92	1.80E+04	75.7
4975	9.0667	-2.9822	80	1	0.16	1.05E+02	84.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
4976	9.0667	-2.9822	80	1.59	0.25	1.60E+02	84.6
4977	9.0667	-2.9822	80	2.51	0.4	2.45E+02	84.8
4978	9.0667	-2.9822	80	3.98	0.63	3.71E+02	84.3
4979	9.0667	-2.9822	80	6.31	1	5.62E+02	84
4980	9.0667	-2.9822	80	10	1.59	8.60E+02	82
4981	9.0667	-2.9822	80	15.9	2.53	1.31E+03	81.7
4982	9.0667	-2.9822	80	25.1	3.99	1.98E+03	80.9
4983	9.0667	-2.9822	80	39.8	6.33	2.97E+03	80.1
4984	9.0667	-2.9822	80	63.1	10.04	4.42E+03	79.5
4985	9.0667	-2.9822	80	100	15.92	6.52E+03	78.8
4986	9.0667	-2.9822	95	1	0.16	3.74E+01	81
4987	9.0667	-2.9822	95	1.59	0.25	5.63E+01	82
4988	9.0667	-2.9822	95	2.51	0.4	8.34E+01	81.9
4989	9.0667	-2.9822	95	3.98	0.63	1.28E+02	83
4990	9.0667	-2.9822	95	6.31	1	1.93E+02	83
4991	9.0667	-2.9822	95	10	1.59	3.03E+02	82.7
4992	9.0667	-2.9822	95	15.9	2.53	4.61E+02	82.7
4993	9.0667	-2.9822	95	25.1	3.99	7.00E+02	82.4
4994	9.0667	-2.9822	95	39.8	6.33	1.08E+03	82.5
4995	9.0667	-2.9822	95	63.1	10.04	1.63E+03	81.4
4996	9.0667	-2.9822	95	100	15.92	2.44E+03	80.5
4997	9.0667	-2.9822	105	1	0.16	1.75E+01	82.8
4998	9.0667	-2.9822	105	1.59	0.25	2.56E+01	82.5
4999	9.0667	-2.9822	105	2.51	0.4	4.01E+01	83.7
5000	9.0667	-2.9822	105	3.98	0.63	6.15E+01	84.5
5001	9.0667	-2.9822	105	6.31	1	9.46E+01	84.6
5002	9.0667	-2.9822	105	10	1.59	1.52E+02	83.6
5003	9.0667	-2.9822	105	15.9	2.53	2.33E+02	84.1
5004	9.0667	-2.9822	105	25.1	3.99	3.57E+02	83.5
5005	9.0667	-2.9822	105	39.8	6.33	5.45E+02	83
5006	9.0667	-2.9822	105	63.1	10.04	8.34E+02	82.7
5007	9.0667	-2.9822	105	100	15.92	1.26E+03	81.9
5008	9.0667	-2.9822	115	1	0.16	8.97E+00	90.3
5009	9.0667	-2.9822	115	1.59	0.25	1.34E+01	83.1
5010	9.0667	-2.9822	115	2.51	0.4	2.13E+01	83.9
5011	9.0667	-2.9822	115	3.98	0.63	3.25E+01	83.9
5012	9.0667	-2.9822	115	6.31	1	4.99E+01	83.8
5013	9.0667	-2.9822	115	10	1.59	7.66E+01	83.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5014	9.0667	-2.9822	115	15.9	2.53	1.18E+02	83
5015	9.0667	-2.9822	115	25.1	3.99	1.81E+02	82.4
5016	9.0667	-2.9822	115	39.8	6.33	2.74E+02	81.7
5017	9.0667	-2.9822	115	63.1	10.04	4.13E+02	81
5018	9.0667	-2.9822	115	100	15.92	6.19E+02	80.1
5019	8.8136	-2.8817	15	1	0.16	2.93E+06	44.9
5020	8.8136	-2.8817	15	1.59	0.25	3.64E+06	43.9
5021	8.8136	-2.8817	15	2.51	0.4	4.53E+06	42.5
5022	8.8136	-2.8817	15	3.98	0.63	5.58E+06	41.4
5023	8.8136	-2.8817	15	6.31	1	6.85E+06	40.3
5024	8.8136	-2.8817	15	10	1.59	8.69E+06	39.8
5025	8.8136	-2.8817	15	15.9	2.53	1.04E+07	38.6
5026	8.8136	-2.8817	15	25.1	3.99	1.26E+07	37.4
5027	8.8136	-2.8817	15	39.8	6.33	1.51E+07	36.8
5028	8.8136	-2.8817	15	63.1	10.04	1.81E+07	35.8
5029	8.8136	-2.8817	15	100	15.92	2.12E+07	35.2
5030	8.8136	-2.8817	25	1	0.16	6.29E+05	53.9
5031	8.8136	-2.8817	25	1.59	0.25	8.28E+05	52.6
5032	8.8136	-2.8817	25	2.51	0.4	1.08E+06	51.5
5033	8.8136	-2.8817	25	3.98	0.63	1.41E+06	50.2
5034	8.8136	-2.8817	25	6.31	1	1.81E+06	49
5035	8.8136	-2.8817	25	10	1.59	2.31E+06	48.4
5036	8.8136	-2.8817	25	15.9	2.53	2.93E+06	46.8
5037	8.8136	-2.8817	25	25.1	3.99	3.70E+06	45.3
5038	8.8136	-2.8817	25	39.8	6.33	4.63E+06	44.7
5039	8.8136	-2.8817	25	63.1	10.04	5.75E+06	43.4
5040	8.8136	-2.8817	25	100	15.92	7.10E+06	42.5
5041	8.8136	-2.8817	35	1	0.16	1.42E+05	60.5
5042	8.8136	-2.8817	35	1.59	0.25	1.93E+05	59.8
5043	8.8136	-2.8817	35	2.51	0.4	2.61E+05	58.8
5044	8.8136	-2.8817	35	3.98	0.63	3.51E+05	57.7
5045	8.8136	-2.8817	35	6.31	1	4.68E+05	56.7
5046	8.8136	-2.8817	35	10	1.59	6.30E+05	55.3
5047	8.8136	-2.8817	35	15.9	2.53	8.30E+05	54.3
5048	8.8136	-2.8817	35	25.1	3.99	1.09E+06	52.9
5049	8.8136	-2.8817	35	39.8	6.33	1.42E+06	51.8
5050	8.8136	-2.8817	35	63.1	10.04	1.84E+06	50.7
5051	8.8136	-2.8817	35	100	15.92	2.35E+06	49.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5052	8.8136	-2.8817	45	1	0.16	2.80E+04	67.3
5053	8.8136	-2.8817	45	1.59	0.25	3.88E+04	66.1
5054	8.8136	-2.8817	45	2.51	0.4	5.33E+04	65.1
5055	8.8136	-2.8817	45	3.98	0.63	7.32E+04	64.4
5056	8.8136	-2.8817	45	6.31	1	9.94E+04	63.5
5057	8.8136	-2.8817	45	10	1.59	1.42E+05	61.9
5058	8.8136	-2.8817	45	15.9	2.53	1.94E+05	61
5059	8.8136	-2.8817	45	25.1	3.99	2.62E+05	60.2
5060	8.8136	-2.8817	45	39.8	6.33	3.54E+05	59.4
5061	8.8136	-2.8817	45	63.1	10.04	4.74E+05	58.7
5062	8.8136	-2.8817	45	100	15.92	6.30E+05	57.9
5063	8.8136	-2.8817	60	1	0.16	3.08E+03	77
5064	8.8136	-2.8817	60	1.59	0.25	4.53E+03	75.6
5065	8.8136	-2.8817	60	2.51	0.4	6.62E+03	74.6
5066	8.8136	-2.8817	60	3.98	0.63	9.63E+03	73.2
5067	8.8136	-2.8817	60	6.31	1	1.39E+04	72
5068	8.8136	-2.8817	60	10	1.59	1.99E+04	70.8
5069	8.8136	-2.8817	60	15.9	2.53	2.89E+04	70.2
5070	8.8136	-2.8817	60	25.1	3.99	4.11E+04	69
5071	8.8136	-2.8817	60	39.8	6.33	5.79E+04	68.4
5072	8.8136	-2.8817	60	63.1	10.04	8.17E+04	67.6
5073	8.8136	-2.8817	60	100	15.92	1.14E+05	66.7
5074	8.8136	-2.8817	70	1	0.16	7.59E+02	81.9
5075	8.8136	-2.8817	70	1.59	0.25	1.15E+03	80.7
5076	8.8136	-2.8817	70	2.51	0.4	1.72E+03	79.7
5077	8.8136	-2.8817	70	3.98	0.63	2.55E+03	78.6
5078	8.8136	-2.8817	70	6.31	1	3.77E+03	77.4
5079	8.8136	-2.8817	70	10	1.59	5.50E+03	76.2
5080	8.8136	-2.8817	70	15.9	2.53	8.14E+03	74.8
5081	8.8136	-2.8817	70	25.1	3.99	1.19E+04	73.8
5082	8.8136	-2.8817	70	39.8	6.33	1.71E+04	72.8
5083	8.8136	-2.8817	70	63.1	10.04	2.46E+04	71.9
5084	8.8136	-2.8817	70	100	15.92	3.52E+04	71.2
5085	8.8136	-2.8817	80	1	0.16	2.27E+02	84.9
5086	8.8136	-2.8817	80	1.59	0.25	3.40E+02	84.4
5087	8.8136	-2.8817	80	2.51	0.4	5.13E+02	83.8
5088	8.8136	-2.8817	80	3.98	0.63	7.71E+02	82.9
5089	8.8136	-2.8817	80	6.31	1	1.15E+03	82.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5090	8.8136	-2.8817	80	10	1.59	1.69E+03	81.2
5091	8.8136	-2.8817	80	15.9	2.53	2.60E+03	79.2
5092	8.8136	-2.8817	80	25.1	3.99	3.85E+03	78
5093	8.8136	-2.8817	80	39.8	6.33	5.71E+03	77
5094	8.8136	-2.8817	80	63.1	10.04	8.40E+03	76.1
5095	8.8136	-2.8817	80	100	15.92	1.22E+04	75.1
5096	8.8136	-2.8817	95	1	0.16	1.37E+02	61.6
5097	8.8136	-2.8817	95	1.59	0.25	1.87E+02	65
5098	8.8136	-2.8817	95	2.51	0.4	2.63E+02	70.3
5099	8.8136	-2.8817	95	3.98	0.63	3.72E+02	71.6
5100	8.8136	-2.8817	95	6.31	1	5.41E+02	73.6
5101	8.8136	-2.8817	95	10	1.59	8.09E+02	70.2
5102	8.8136	-2.8817	95	15.9	2.53	1.19E+03	72.1
5103	8.8136	-2.8817	95	25.1	3.99	1.69E+03	73.1
5104	8.8136	-2.8817	95	39.8	6.33	2.52E+03	72.9
5105	8.8136	-2.8817	95	63.1	10.04	3.68E+03	73.3
5106	8.8136	-2.8817	95	100	15.92	5.32E+03	73.3
5107	8.8136	-2.8817	105	1	0.16	5.58E+01	65
5108	8.8136	-2.8817	105	1.59	0.25	7.90E+01	70.5
5109	8.8136	-2.8817	105	2.51	0.4	1.14E+02	74
5110	8.8136	-2.8817	105	3.98	0.63	1.65E+02	76.8
5111	8.8136	-2.8817	105	6.31	1	2.45E+02	77.6
5112	8.8136	-2.8817	105	10	1.59	3.88E+02	75.6
5113	8.8136	-2.8817	105	15.9	2.53	5.74E+02	76
5114	8.8136	-2.8817	105	25.1	3.99	8.67E+02	76.1
5115	8.8136	-2.8817	105	39.8	6.33	1.26E+03	76.8
5116	8.8136	-2.8817	105	63.1	10.04	1.86E+03	76.3
5117	8.8136	-2.8817	105	100	15.92	2.72E+03	75.8
5118	8.8136	-2.8817	115	1	0.16	2.72E+01	62.2
5119	8.8136	-2.8817	115	1.59	0.25	4.32E+01	68.1
5120	8.8136	-2.8817	115	2.51	0.4	5.92E+01	71
5121	8.8136	-2.8817	115	3.98	0.63	8.55E+01	71.3
5122	8.8136	-2.8817	115	6.31	1	1.24E+02	72.6
5123	8.8136	-2.8817	115	10	1.59	1.86E+02	73.2
5124	8.8136	-2.8817	115	15.9	2.53	2.68E+02	74
5125	8.8136	-2.8817	115	25.1	3.99	3.91E+02	74.2
5126	8.8136	-2.8817	115	39.8	6.33	5.74E+02	74.3
5127	8.8136	-2.8817	115	63.1	10.04	8.38E+02	73.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5128	8.8136	-2.8817	115	100	15.92	1.21E+03	73
5129	8.4437	-2.7355	15	1	0.16	6.48E+06	38.4
5130	8.4437	-2.7355	15	1.59	0.25	7.85E+06	37.3
5131	8.4437	-2.7355	15	2.51	0.4	9.41E+06	36
5132	8.4437	-2.7355	15	3.98	0.63	1.13E+07	35.3
5133	8.4437	-2.7355	15	6.31	1	1.35E+07	34.6
5134	8.4437	-2.7355	15	10	1.59	1.63E+07	33.5
5135	8.4437	-2.7355	15	15.9	2.53	1.93E+07	31.9
5136	8.4437	-2.7355	15	25.1	3.99	2.24E+07	32.4
5137	8.4437	-2.7355	15	39.8	6.33	2.66E+07	32
5138	8.4437	-2.7355	15	63.1	10.04	3.09E+07	30.6
5139	8.4437	-2.7355	15	100	15.92	3.55E+07	30.1
5140	8.4437	-2.7355	25	1	0.16	1.74E+06	46.2
5141	8.4437	-2.7355	25	1.59	0.25	2.20E+06	45.2
5142	8.4437	-2.7355	25	2.51	0.4	2.75E+06	43.7
5143	8.4437	-2.7355	25	3.98	0.63	3.41E+06	42.6
5144	8.4437	-2.7355	25	6.31	1	4.23E+06	41.6
5145	8.4437	-2.7355	25	10	1.59	5.22E+06	40.7
5146	8.4437	-2.7355	25	15.9	2.53	6.50E+06	40
5147	8.4437	-2.7355	25	25.1	3.99	7.85E+06	39.2
5148	8.4437	-2.7355	25	39.8	6.33	9.45E+06	38.3
5149	8.4437	-2.7355	25	63.1	10.04	1.13E+07	37.7
5150	8.4437	-2.7355	25	100	15.92	1.36E+07	36.7
5151	8.4437	-2.7355	35	1	0.16	4.46E+05	53
5152	8.4437	-2.7355	35	1.59	0.25	5.82E+05	51.7
5153	8.4437	-2.7355	35	2.51	0.4	7.51E+05	50.9
5154	8.4437	-2.7355	35	3.98	0.63	9.72E+05	49.7
5155	8.4437	-2.7355	35	6.31	1	1.25E+06	48.7
5156	8.4437	-2.7355	35	10	1.59	1.63E+06	47.5
5157	8.4437	-2.7355	35	15.9	2.53	2.05E+06	46.4
5158	8.4437	-2.7355	35	25.1	3.99	2.59E+06	45.3
5159	8.4437	-2.7355	35	39.8	6.33	3.21E+06	45
5160	8.4437	-2.7355	35	63.1	10.04	4.03E+06	43.9
5161	8.4437	-2.7355	35	100	15.92	4.96E+06	43
5162	8.4437	-2.7355	45	1	0.16	1.50E+05	54.9
5163	8.4437	-2.7355	45	1.59	0.25	1.97E+05	53.9
5164	8.4437	-2.7355	45	2.51	0.4	2.57E+05	53.2
5165	8.4437	-2.7355	45	3.98	0.63	3.34E+05	52.1

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5166	8.4437	-2.7355	45	6.31	1	4.32E+05	51.2
5167	8.4437	-2.7355	45	10	1.59	5.69E+05	49.8
5168	8.4437	-2.7355	45	15.9	2.53	7.32E+05	49
5169	8.4437	-2.7355	45	25.1	3.99	9.36E+05	48
5170	8.4437	-2.7355	45	39.8	6.33	1.18E+06	47.3
5171	8.4437	-2.7355	45	63.1	10.04	1.50E+06	46.5
5172	8.4437	-2.7355	45	100	15.92	1.88E+06	45.7
5173	8.4437	-2.7355	60	1	0.16	1.41E+04	67.4
5174	8.4437	-2.7355	60	1.59	0.25	1.97E+04	65.9
5175	8.4437	-2.7355	60	2.51	0.4	2.73E+04	64.5
5176	8.4437	-2.7355	60	3.98	0.63	3.76E+04	62.9
5177	8.4437	-2.7355	60	6.31	1	5.16E+04	62.3
5178	8.4437	-2.7355	60	10	1.59	7.29E+04	61.4
5179	8.4437	-2.7355	60	15.9	2.53	9.84E+04	60.4
5180	8.4437	-2.7355	60	25.1	3.99	1.32E+05	59.7
5181	8.4437	-2.7355	60	39.8	6.33	1.78E+05	59.3
5182	8.4437	-2.7355	60	63.1	10.04	2.42E+05	58.4
5183	8.4437	-2.7355	60	100	15.92	3.19E+05	58.5
5184	8.4437	-2.7355	70	1	0.16	4.08E+03	72.7
5185	8.4437	-2.7355	70	1.59	0.25	5.86E+03	71.2
5186	8.4437	-2.7355	70	2.51	0.4	8.30E+03	69.8
5187	8.4437	-2.7355	70	3.98	0.63	1.18E+04	68
5188	8.4437	-2.7355	70	6.31	1	1.65E+04	66.9
5189	8.4437	-2.7355	70	10	1.59	2.37E+04	66.6
5190	8.4437	-2.7355	70	15.9	2.53	3.27E+04	65
5191	8.4437	-2.7355	70	25.1	3.99	4.56E+04	63.5
5192	8.4437	-2.7355	70	39.8	6.33	6.15E+04	62.9
5193	8.4437	-2.7355	70	63.1	10.04	8.45E+04	62.1
5194	8.4437	-2.7355	70	100	15.92	1.14E+05	61.5
5195	8.4437	-2.7355	80	1	0.16	1.18E+03	79.4
5196	8.4437	-2.7355	80	1.59	0.25	1.72E+03	77.6
5197	8.4437	-2.7355	80	2.51	0.4	2.56E+03	76.3
5198	8.4437	-2.7355	80	3.98	0.63	3.74E+03	74.8
5199	8.4437	-2.7355	80	6.31	1	5.41E+03	73.4
5200	8.4437	-2.7355	80	10	1.59	7.86E+03	72
5201	8.4437	-2.7355	80	15.9	2.53	1.13E+04	70.5
5202	8.4437	-2.7355	80	25.1	3.99	1.60E+04	69.1
5203	8.4437	-2.7355	80	39.8	6.33	2.26E+04	67.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5204	8.4437	-2.7355	80	63.1	10.04	3.16E+04	66.9
5205	8.4437	-2.7355	80	100	15.92	4.39E+04	65.9
5206	8.4437	-2.7355	95	1	0.16	1.97E+02	83.7
5207	8.4437	-2.7355	95	1.59	0.25	2.96E+02	81.6
5208	8.4437	-2.7355	95	2.51	0.4	4.42E+02	82.3
5209	8.4437	-2.7355	95	3.98	0.63	6.74E+02	80.9
5210	8.4437	-2.7355	95	6.31	1	1.02E+03	80.2
5211	8.4437	-2.7355	95	10	1.59	1.50E+03	77.4
5212	8.4437	-2.7355	95	15.9	2.53	2.21E+03	78
5213	8.4437	-2.7355	95	25.1	3.99	3.36E+03	77
5214	8.4437	-2.7355	95	39.8	6.33	4.81E+03	75
5215	8.4437	-2.7355	95	63.1	10.04	6.98E+03	75
5216	8.4437	-2.7355	95	100	15.92	9.97E+03	74
5217	8.4437	-2.7355	105	1	0.16	8.83E+01	84.1
5218	8.4437	-2.7355	105	1.59	0.25	1.34E+02	84.3
5219	8.4437	-2.7355	105	2.51	0.4	2.07E+02	84.4
5220	8.4437	-2.7355	105	3.98	0.63	3.17E+02	83.5
5221	8.4437	-2.7355	105	6.31	1	4.87E+02	82.7
5222	8.4437	-2.7355	105	10	1.59	7.60E+02	81.4
5223	8.4437	-2.7355	105	15.9	2.53	1.16E+03	80.2
5224	8.4437	-2.7355	105	25.1	3.99	1.74E+03	78.7
5225	8.4437	-2.7355	105	39.8	6.33	2.57E+03	77.7
5226	8.4437	-2.7355	105	63.1	10.04	3.83E+03	75.6
5227	8.4437	-2.7355	105	100	15.92	5.63E+03	74.1
5228	8.4437	-2.7355	115	1	0.16	5.10E+01	78.9
5229	8.4437	-2.7355	115	1.59	0.25	7.15E+01	75.3
5230	8.4437	-2.7355	115	2.51	0.4	1.06E+02	76.3
5231	8.4437	-2.7355	115	3.98	0.63	1.57E+02	75.4
5232	8.4437	-2.7355	115	6.31	1	2.31E+02	75.2
5233	8.4437	-2.7355	115	10	1.59	3.45E+02	74.8
5234	8.4437	-2.7355	115	15.9	2.53	5.08E+02	74.5
5235	8.4437	-2.7355	115	25.1	3.99	7.49E+02	73.4
5236	8.4437	-2.7355	115	39.8	6.33	1.07E+03	72.8
5237	8.4437	-2.7355	115	63.1	10.04	1.55E+03	72.4
5238	8.4437	-2.7355	115	100	15.92	2.21E+03	71.9
5239	10.135	-3.3615	15	1	0.16	2.30E+06	46.9
5240	10.135	-3.3615	15	1.59	0.25	2.91E+06	45.6
5241	10.135	-3.3615	15	2.51	0.4	3.66E+06	44.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5242	10.135	-3.3615	15	3.98	0.63	4.57E+06	44.3
5243	10.135	-3.3615	15	6.31	1	5.71E+06	43.2
5244	10.135	-3.3615	15	10	1.59	7.24E+06	42.4
5245	10.135	-3.3615	15	15.9	2.53	8.87E+06	42
5246	10.135	-3.3615	15	25.1	3.99	1.09E+07	40.7
5247	10.135	-3.3615	15	39.8	6.33	1.33E+07	40.2
5248	10.135	-3.3615	15	63.1	10.04	1.63E+07	39.8
5249	10.135	-3.3615	15	100	15.92	1.98E+07	38.8
5250	10.135	-3.3615	25	1	0.16	4.98E+05	53.2
5251	10.135	-3.3615	25	1.59	0.25	6.48E+05	52.1
5252	10.135	-3.3615	25	2.51	0.4	8.46E+05	51.5
5253	10.135	-3.3615	25	3.98	0.63	1.10E+06	50.6
5254	10.135	-3.3615	25	6.31	1	1.41E+06	49.8
5255	10.135	-3.3615	25	10	1.59	1.84E+06	49.2
5256	10.135	-3.3615	25	15.9	2.53	2.36E+06	48.5
5257	10.135	-3.3615	25	25.1	3.99	2.99E+06	47.7
5258	10.135	-3.3615	25	39.8	6.33	3.79E+06	47
5259	10.135	-3.3615	25	63.1	10.04	4.81E+06	46.3
5260	10.135	-3.3615	25	100	15.92	6.01E+06	45.5
5261	10.135	-3.3615	35	1	0.16	1.08E+05	59
5262	10.135	-3.3615	35	1.59	0.25	1.46E+05	58.1
5263	10.135	-3.3615	35	2.51	0.4	1.97E+05	57.6
5264	10.135	-3.3615	35	3.98	0.63	2.63E+05	56.6
5265	10.135	-3.3615	35	6.31	1	3.50E+05	55.8
5266	10.135	-3.3615	35	10	1.59	4.63E+05	55.2
5267	10.135	-3.3615	35	15.9	2.53	6.12E+05	54.6
5268	10.135	-3.3615	35	25.1	3.99	8.04E+05	54.1
5269	10.135	-3.3615	35	39.8	6.33	1.06E+06	53.2
5270	10.135	-3.3615	35	63.1	10.04	1.38E+06	52.6
5271	10.135	-3.3615	35	100	15.92	1.79E+06	52.1
5272	10.135	-3.3615	45	1	0.16	2.26E+04	65.2
5273	10.135	-3.3615	45	1.59	0.25	3.14E+04	64.1
5274	10.135	-3.3615	45	2.51	0.4	4.32E+04	63.6
5275	10.135	-3.3615	45	3.98	0.63	5.92E+04	62.4
5276	10.135	-3.3615	45	6.31	1	8.11E+04	61.6
5277	10.135	-3.3615	45	10	1.59	1.20E+05	61.1
5278	10.135	-3.3615	45	15.9	2.53	1.55E+05	61.2
5279	10.135	-3.3615	45	25.1	3.99	2.05E+05	62.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5280	10.135	-3.3615	45	39.8	6.33	2.90E+05	58.8
5281	10.135	-3.3615	45	63.1	10.04	3.82E+05	59.4
5282	10.135	-3.3615	45	100	15.92	5.27E+05	59.5
5283	10.135	-3.3615	60	1	0.16	2.56E+03	73.9
5284	10.135	-3.3615	60	1.59	0.25	3.69E+03	72.6
5285	10.135	-3.3615	60	2.51	0.4	5.33E+03	71.4
5286	10.135	-3.3615	60	3.98	0.63	7.64E+03	69.9
5287	10.135	-3.3615	60	6.31	1	1.09E+04	68.8
5288	10.135	-3.3615	60	10	1.59	1.55E+04	67.9
5289	10.135	-3.3615	60	15.9	2.53	2.18E+04	67.2
5290	10.135	-3.3615	60	25.1	3.99	3.05E+04	66.5
5291	10.135	-3.3615	60	39.8	6.33	4.24E+04	65.9
5292	10.135	-3.3615	60	63.1	10.04	5.89E+04	65.3
5293	10.135	-3.3615	60	100	15.92	8.14E+04	65.1
5294	10.135	-3.3615	70	1	0.16	6.74E+02	79.2
5295	10.135	-3.3615	70	1.59	0.25	1.01E+03	78.2
5296	10.135	-3.3615	70	2.51	0.4	1.50E+03	76.8
5297	10.135	-3.3615	70	3.98	0.63	2.20E+03	75.5
5298	10.135	-3.3615	70	6.31	1	3.22E+03	74.3
5299	10.135	-3.3615	70	10	1.59	4.71E+03	72.9
5300	10.135	-3.3615	70	15.9	2.53	6.82E+03	71.9
5301	10.135	-3.3615	70	25.1	3.99	9.78E+03	70.8
5302	10.135	-3.3615	70	39.8	6.33	1.40E+04	70
5303	10.135	-3.3615	70	63.1	10.04	1.98E+04	69.2
5304	10.135	-3.3615	70	100	15.92	2.79E+04	68.6
5305	10.135	-3.3615	80	1	0.16	1.86E+02	84.1
5306	10.135	-3.3615	80	1.59	0.25	2.85E+02	82.6
5307	10.135	-3.3615	80	2.51	0.4	4.31E+02	81.8
5308	10.135	-3.3615	80	3.98	0.63	6.53E+02	80.6
5309	10.135	-3.3615	80	6.31	1	9.78E+02	79.5
5310	10.135	-3.3615	80	10	1.59	1.49E+03	77.6
5311	10.135	-3.3615	80	15.9	2.53	2.20E+03	76.8
5312	10.135	-3.3615	80	25.1	3.99	3.25E+03	75.7
5313	10.135	-3.3615	80	39.8	6.33	4.75E+03	74.5
5314	10.135	-3.3615	80	63.1	10.04	6.89E+03	73.5
5315	10.135	-3.3615	80	100	15.92	9.92E+03	72.8
5316	10.135	-3.3615	95	1	0.16	3.64E+01	91.7
5317	10.135	-3.3615	95	1.59	0.25	5.69E+01	87

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5318	10.135	-3.3615	95	2.51	0.4	8.23E+01	86.8
5319	10.135	-3.3615	95	3.98	0.63	1.29E+02	85.6
5320	10.135	-3.3615	95	6.31	1	2.01E+02	85
5321	10.135	-3.3615	95	10	1.59	3.09E+02	84.6
5322	10.135	-3.3615	95	15.9	2.53	4.74E+02	83.6
5323	10.135	-3.3615	95	25.1	3.99	7.36E+02	81.1
5324	10.135	-3.3615	95	39.8	6.33	1.11E+03	81.7
5325	10.135	-3.3615	95	63.1	10.04	1.65E+03	80.7
5326	10.135	-3.3615	95	100	15.92	2.47E+03	79.5
5327	10.135	-3.3615	105	1	0.16	1.56E+01	94.3
5328	10.135	-3.3615	105	1.59	0.25	2.20E+01	86.9
5329	10.135	-3.3615	105	2.51	0.4	3.44E+01	87.1
5330	10.135	-3.3615	105	3.98	0.63	5.43E+01	86.6
5331	10.135	-3.3615	105	6.31	1	8.47E+01	86.2
5332	10.135	-3.3615	105	10	1.59	1.31E+02	85.5
5333	10.135	-3.3615	105	15.9	2.53	2.03E+02	85
5334	10.135	-3.3615	105	25.1	3.99	3.09E+02	83.9
5335	10.135	-3.3615	105	39.8	6.33	4.81E+02	83.8
5336	10.135	-3.3615	105	63.1	10.04	7.34E+02	83
5337	10.135	-3.3615	105	100	15.92	1.11E+03	81.8
5338	10.135	-3.3615	115	1	0.16	6.57E+00	91.1
5339	10.135	-3.3615	115	1.59	0.25	1.03E+01	85.6
5340	10.135	-3.3615	115	2.51	0.4	1.58E+01	86.2
5341	10.135	-3.3615	115	3.98	0.63	2.46E+01	86.7
5342	10.135	-3.3615	115	6.31	1	3.81E+01	86.5
5343	10.135	-3.3615	115	10	1.59	6.02E+01	86.8
5344	10.135	-3.3615	115	15.9	2.53	9.34E+01	86.7
5345	10.135	-3.3615	115	25.1	3.99	1.45E+02	85.5
5346	10.135	-3.3615	115	39.8	6.33	2.26E+02	85.9
5347	10.135	-3.3615	115	63.1	10.04	3.51E+02	85.3
5348	10.135	-3.3615	115	100	15.92	5.39E+02	84.7
5349	10.77559	-3.62588	10	1	0.16	6.00E+05	68.7
5350	10.77559	-3.62588	10	10	1.59	3.24E+06	61.3
5351	10.77559	-3.62588	22	1	0.16	5.02E+04	77
5352	10.77559	-3.62588	22	10	1.59	3.39E+05	71.7
5353	10.77559	-3.62588	22	100	15.92	2.01E+06	65.6
5354	10.77559	-3.62588	34	1	0.16	5.43E+03	83.9
5355	10.77559	-3.62588	34	10	1.59	4.12E+04	78.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5356	10.77559	-3.62588	34	100	15.92	2.96E+05	73.6
5357	10.77559	-3.62588	46	1	0.16	6.61E+02	87.4
5358	10.77559	-3.62588	46	10	1.59	5.90E+03	83.2
5359	10.77559	-3.62588	46	100	15.92	4.67E+04	78.2
5360	10.77559	-3.62588	58	1	0.16	1.21E+02	89.3
5361	10.77559	-3.62588	58	10	1.59	1.16E+03	86.8
5362	10.77559	-3.62588	58	100	15.92	1.03E+04	82.6
5363	10.77559	-3.62588	70	10	1.59	2.94E+02	88.9
5364	10.77559	-3.62588	70	100	15.92	2.79E+03	85.7
5365	10.82924	-3.65657	10	1	0.16	2.37E+05	70.5
5366	10.82924	-3.65657	10	10	1.59	1.37E+06	64.6
5367	10.82924	-3.65657	10	100	15.92	6.55E+06	56.5
5368	10.82924	-3.65657	22	1	0.16	1.61E+04	79.9
5369	10.82924	-3.65657	22	10	1.59	1.14E+05	73.4
5370	10.82924	-3.65657	22	100	15.92	7.78E+05	68.2
5371	10.82924	-3.65657	34	1	0.16	2.56E+03	85.1
5372	10.82924	-3.65657	34	10	1.59	1.01E+04	80.7
5373	10.82924	-3.65657	34	100	15.92	5.41E+04	75.3
5374	10.82924	-3.65657	46	1	0.16	3.64E+02	88.1
5375	10.82924	-3.65657	46	10	1.59	3.31E+03	84.1
5376	10.82924	-3.65657	46	100	15.92	2.68E+04	79.2
5377	10.82924	-3.65657	58	10	1.59	6.86E+02	87.6
5378	10.82924	-3.65657	58	100	15.92	6.18E+03	83.3
5379	10.82924	-3.65657	70	10	1.59	1.81E+02	89.2
5380	10.82924	-3.65657	70	100	15.92	1.76E+03	86.2
5381	11.37618	-3.83651	10	1	0.16	2.10E+06	59.1
5382	11.37618	-3.83651	22	1	0.16	1.77E+05	72.1
5383	11.37618	-3.83651	22	10	1.59	1.05E+06	64.2
5384	11.37618	-3.83651	34	1	0.16	1.13E+04	82.3
5385	11.37618	-3.83651	34	10	1.59	7.99E+04	75.4
5386	11.37618	-3.83651	34	100	15.92	5.62E+05	68.8
5387	11.37618	-3.83651	46	1	0.16	1.12E+03	86.5
5388	11.37618	-3.83651	46	10	1.59	9.74E+03	82.3
5389	11.37618	-3.83651	58	1	0.16	1.79E+02	88.7
5390	11.37618	-3.83651	58	10	1.59	1.67E+03	86.2
5391	11.37618	-3.83651	58	100	15.92	1.46E+04	82.1
5392	11.37618	-3.83651	70	1	0.16	3.76E+01	89.4
5393	11.37618	-3.83651	70	10	1.59	3.68E+02	88.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5394	11.37618	-3.83651	70	100	15.92	3.48E+03	85.6
5395	11.41834	-3.86176	10	1	0.16	1.19E+06	59.5
5396	11.41834	-3.86176	22	1	0.16	8.05E+04	73.5
5397	11.41834	-3.86176	22	10	1.59	4.98E+05	66.4
5398	11.41834	-3.86176	22	100	15.92	2.54E+06	58.1
5399	11.41834	-3.86176	34	1	0.16	5.97E+03	82.8
5400	11.41834	-3.86176	34	10	1.59	4.08E+04	77.1
5401	11.41834	-3.86176	34	100	15.92	2.99E+05	70.9
5402	11.41834	-3.86176	46	1	0.16	6.92E+02	84.9
5403	11.41834	-3.86176	46	10	1.59	5.76E+03	81.3
5404	11.41834	-3.86176	46	100	15.92	4.40E+04	76.4
5405	11.41834	-3.86176	58	10	1.59	1.09E+03	85.1
5406	11.41834	-3.86176	58	100	15.92	9.41E+03	81.7
5407	11.41834	-3.86176	70	1	0.16	2.52E+01	89
5408	11.41834	-3.86176	70	10	1.59	2.29E+02	88.5
5409	11.41834	-3.86176	70	100	15.92	2.17E+03	85.6
5410	11.882	-4.0284	10	1	0.16	2.11E+06	63.8
5411	11.882	-4.0284	22	1	0.16	1.22E+05	78.2
5412	11.882	-4.0284	22	10	1.59	8.71E+05	70.7
5413	11.882	-4.0284	22	100	15.92	4.77E+06	59.8
5414	11.882	-4.0284	34	1	0.16	6.85E+03	85.1
5415	11.882	-4.0284	34	10	1.59	5.45E+04	81.7
5416	11.882	-4.0284	34	100	15.92	4.37E+05	76.3
5417	11.882	-4.0284	46	1	0.16	5.63E+02	87.1
5418	11.882	-4.0284	46	10	1.59	5.08E+03	85.3
5419	11.882	-4.0284	46	100	15.92	4.40E+04	82.6
5420	11.882	-4.0284	58	10	1.59	8.25E+02	87.1
5421	11.882	-4.0284	58	100	15.92	7.66E+03	85.8
5422	11.96512	-4.06357	10	1	0.16	2.40E+06	61.8
5423	11.96512	-4.06357	10	10	1.59	1.02E+07	50
5424	11.96512	-4.06357	22	1	0.16	1.29E+05	77.6
5425	11.96512	-4.06357	22	10	1.59	9.00E+05	69.9
5426	11.96512	-4.06357	22	100	15.92	4.82E+06	59.2
5427	11.96512	-4.06357	34	1	0.16	7.68E+03	85
5428	11.96512	-4.06357	34	10	1.59	6.13E+04	81.1
5429	11.96512	-4.06357	34	100	15.92	4.84E+05	75.3
5430	11.96512	-4.06357	46	1	0.16	8.88E+02	86.4
5431	11.96512	-4.06357	46	10	1.59	7.86E+03	84.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5432	11.96512	-4.06357	58	1	0.16	1.31E+02	87.9
5433	11.96512	-4.06357	58	10	1.59	1.20E+03	86.9
5434	11.96512	-4.06357	58	100	15.92	1.10E+04	84.9
5435	11.96512	-4.06357	70	1	0.16	2.55E+01	89.3
5436	11.96512	-4.06357	70	10	1.59	2.39E+02	89.1
5437	11.96512	-4.06357	70	100	15.92	2.33E+03	87.6
5438	10.97892	-3.69491	10	1	0.16	6.98E+05	64.9
5439	10.97892	-3.69491	10	10	1.59	3.52E+06	58.3
5440	10.97892	-3.69491	22	1	0.16	6.02E+04	72.6
5441	10.97892	-3.69491	22	10	1.59	3.65E+05	68
5442	10.97892	-3.69491	22	100	15.92	2.00E+06	62.9
5443	10.97892	-3.69491	34	1	0.16	6.88E+03	80.7
5444	10.97892	-3.69491	34	10	1.59	4.88E+04	74.3
5445	10.97892	-3.69491	34	100	15.92	3.15E+05	70.1
5446	10.97892	-3.69491	46	1	0.16	8.31E+02	85.4
5447	10.97892	-3.69491	46	10	1.59	6.93E+03	80
5448	10.97892	-3.69491	46	100	15.92	4.99E+04	74.8
5449	10.97892	-3.69491	58	10	1.59	1.41E+03	84.8
5450	10.97892	-3.69491	58	100	15.92	1.16E+04	79.5
5451	10.97892	-3.69491	70	1	0.16	3.59E+01	89.4
5452	10.97892	-3.69491	70	10	1.59	3.52E+02	88.1
5453	10.97892	-3.69491	70	100	15.92	3.22E+03	83.3
5454	10.98003	-3.70233	10	1	0.16	5.89E+05	64.2
5455	10.98003	-3.70233	10	10	1.59	2.89E+06	57.8
5456	10.98003	-3.70233	10	100	15.92	1.17E+07	49.7
5457	10.98003	-3.70233	22	1	0.16	5.37E+04	72.7
5458	10.98003	-3.70233	22	10	1.59	3.23E+05	67.2
5459	10.98003	-3.70233	22	100	15.92	1.73E+06	62.2
5460	10.98003	-3.70233	34	1	0.16	5.61E+03	80.9
5461	10.98003	-3.70233	34	10	1.59	3.80E+04	74.5
5462	10.98003	-3.70233	34	100	15.92	2.38E+05	69.6
5463	10.98003	-3.70233	46	1	0.16	5.86E+02	85.9
5464	10.98003	-3.70233	46	10	1.59	4.95E+03	80.6
5465	10.98003	-3.70233	46	100	15.92	3.65E+04	75.2
5466	10.98003	-3.70233	58	1	0.16	1.07E+02	88.9
5467	10.98003	-3.70233	58	10	1.59	1.00E+03	85.5
5468	10.98003	-3.70233	58	100	15.92	8.37E+03	80.1
5469	10.98003	-3.70233	70	1	0.16	2.61E+01	89.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5470	10.98003	-3.70233	70	10	1.59	2.53E+02	88.5
5471	10.98003	-3.70233	70	100	15.92	2.36E+03	83.9
5472	11.58296	-3.90481	10	1	0.16	7.73E+06	54.7
5473	11.58296	-3.90481	22	1	0.16	6.05E+05	73.6
5474	11.58296	-3.90481	22	10	1.59	3.54E+06	62.4
5475	11.58296	-3.90481	34	1	0.16	3.15E+04	83.9
5476	11.58296	-3.90481	34	10	1.59	2.55E+05	78.1
5477	11.58296	-3.90481	34	100	15.92	1.76E+06	69.2
5478	11.58296	-3.90481	46	1	0.16	2.08E+03	87.8
5479	11.58296	-3.90481	46	10	1.59	1.92E+04	85
5480	11.58296	-3.90481	46	100	15.92	1.61E+05	78.8
5481	11.58296	-3.90481	58	1	0.16	2.67E+02	89.3
5482	11.58296	-3.90481	58	10	1.59	2.60E+03	88.1
5483	11.58296	-3.90481	58	100	15.92	2.43E+04	85.3
5484	11.58296	-3.90481	70	1	0.16	5.27E+01	89.4
5485	11.58296	-3.90481	70	10	1.59	5.25E+02	89.3
5486	11.58296	-3.90481	70	100	15.92	5.13E+03	87.8
5487	11.79943	-3.99095	10	1	0.16	4.13E+06	59.1
5488	11.79943	-3.99095	10	10	1.59	1.60E+07	45.9
5489	11.79943	-3.99095	22	1	0.16	2.85E+05	76.4
5490	11.79943	-3.99095	22	10	1.59	1.83E+06	66.5
5491	11.79943	-3.99095	22	100	15.92	8.67E+06	54
5492	11.79943	-3.99095	34	1	0.16	1.53E+04	85.3
5493	11.79943	-3.99095	34	10	1.59	1.30E+05	80.2
5494	11.79943	-3.99095	34	100	15.92	9.61E+05	72.2
5495	11.79943	-3.99095	46	1	0.16	1.41E+03	87.9
5496	11.79943	-3.99095	46	10	1.59	1.32E+04	85.5
5497	11.79943	-3.99095	58	1	0.16	1.89E+02	89.3
5498	11.79943	-3.99095	58	10	1.59	1.84E+03	88.3
5499	11.79943	-3.99095	58	100	15.92	1.73E+04	85.7
5500	11.79943	-3.99095	70	1	0.16	3.76E+01	89.3
5501	11.79943	-3.99095	70	10	1.59	3.78E+02	89.4
5502	11.79943	-3.99095	70	100	15.92	3.71E+03	88
5503	12.23854	-4.15139	10	1	0.16	7.97E+06	68.8
5504	12.23854	-4.15139	22	1	0.16	2.86E+05	84.2
5505	12.23854	-4.15139	22	10	1.59	2.36E+06	77.4
5506	12.23854	-4.15139	34	1	0.16	1.56E+04	88.4
5507	12.23854	-4.15139	34	10	1.59	1.46E+05	85.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5508	12.23854	-4.15139	34	100	15.92	1.25E+06	80.5
5509	12.23854	-4.15139	46	10	1.59	1.24E+04	88.2
5510	12.23854	-4.15139	46	100	15.92	1.15E+05	84.4
5511	12.23854	-4.15139	58	1	0.16	1.66E+02	89.9
5512	12.23854	-4.15139	58	10	1.59	1.65E+03	89.4
5513	12.23854	-4.15139	58	100	15.92	1.62E+04	88.1
5514	12.23854	-4.15139	70	1	0.16	3.20E+01	89.2
5515	12.23854	-4.15139	70	10	1.59	3.19E+02	89.6
5516	12.23854	-4.15139	70	100	15.92	3.18E+03	89.1
5517	11.111	-3.7294	10	1	0.16	2.46E+06	59.8
5518	11.111	-3.7294	10	100	15.92	3.39E+07	41.2
5519	11.111	-3.7294	22	1	0.16	2.28E+05	69
5520	11.111	-3.7294	22	10	1.59	1.28E+06	63.8
5521	11.111	-3.7294	22	100	15.92	6.12E+06	56.3
5522	11.111	-3.7294	34	1	0.16	1.94E+04	77.6
5523	11.111	-3.7294	34	10	1.59	1.33E+05	71.3
5524	11.111	-3.7294	34	100	15.92	8.23E+05	66.8
5525	11.111	-3.7294	46	1	0.16	2.67E+03	81.8
5526	11.111	-3.7294	46	10	1.59	2.01E+04	76.3
5527	11.111	-3.7294	46	100	15.92	1.33E+05	71
5528	11.111	-3.7294	58	1	0.16	4.82E+02	86.5
5529	11.111	-3.7294	58	10	1.59	4.12E+03	81.3
5530	11.111	-3.7294	58	100	15.92	3.09E+04	76.3
5531	11.111	-3.7294	70	10	1.59	9.60E+02	85.4
5532	11.111	-3.7294	70	100	15.92	8.08E+03	80.4
5533	10.70976	-3.60096	10	1	0.16	7.26E+05	64.5
5534	10.70976	-3.60096	10	10	1.59	3.54E+06	57.8
5535	10.70976	-3.60096	10	100	15.92	1.42E+07	49.2
5536	10.70976	-3.60096	22	1	0.16	5.92E+04	73.6
5537	10.70976	-3.60096	22	10	1.59	3.70E+05	68.4
5538	10.70976	-3.60096	22	100	15.92	2.03E+06	62.8
5539	10.70976	-3.60096	34	1	0.16	7.46E+03	79.4
5540	10.70976	-3.60096	34	10	1.59	5.15E+04	75.2
5541	10.70976	-3.60096	34	100	15.92	3.39E+05	70.5
5542	10.70976	-3.60096	46	1	0.16	9.07E+02	85.3
5543	10.70976	-3.60096	46	10	1.59	7.53E+03	80.2
5544	10.70976	-3.60096	46	100	15.92	5.52E+04	75.2
5545	10.70976	-3.60096	58	1	0.16	1.78E+02	88.3

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5546	10.70976	-3.60096	58	10	1.59	1.63E+03	84.5
5547	10.70976	-3.60096	58	100	15.92	1.33E+04	79.7
5548	10.70976	-3.60096	70	10	1.59	4.07E+02	87.7
5549	10.70976	-3.60096	70	100	15.92	3.67E+03	83.1
5550	10.8531	-3.63802	10	1	0.16	4.66E+06	47.4
5551	10.8531	-3.63802	10	10	1.59	1.62E+07	37.8
5552	10.8531	-3.63802	22	1	0.16	5.13E+05	63.1
5553	10.8531	-3.63802	22	10	1.59	2.50E+06	53.1
5554	10.8531	-3.63802	34	1	0.16	1.30E+04	80.7
5555	10.8531	-3.63802	34	10	1.59	2.16E+05	70.7
5556	10.8531	-3.63802	34	100	15.92	6.71E+05	66
5557	10.8531	-3.63802	46	1	0.16	1.84E+03	85.8
5558	10.8531	-3.63802	46	10	1.59	1.76E+04	80.6
5559	10.8531	-3.63802	46	100	15.92	1.19E+05	75
5560	10.8531	-3.63802	58	1	0.16	3.47E+02	88.1
5561	10.8531	-3.63802	58	10	1.59	3.21E+03	85.2
5562	10.8531	-3.63802	58	100	15.92	2.44E+04	81.6
5563	10.8531	-3.63802	70	1	0.16	7.43E+01	89
5564	10.8531	-3.63802	70	10	1.59	7.18E+02	87.9
5565	10.8531	-3.63802	70	100	15.92	6.09E+03	85.2
5566	11.24659	-3.78675	10	1	0.16	3.18E+06	47.7
5567	11.24659	-3.78675	10	10	1.59	8.91E+06	40.6
5568	11.24659	-3.78675	22	1	0.16	2.86E+05	64.6
5569	11.24659	-3.78675	22	10	1.59	1.18E+06	55.6
5570	11.24659	-3.78675	22	100	15.92	5.29E+06	48.1
5571	11.24659	-3.78675	34	1	0.16	1.22E+04	80.5
5572	11.24659	-3.78675	34	10	1.59	7.62E+04	73.9
5573	11.24659	-3.78675	34	100	15.92	5.43E+05	66.2
5574	11.24659	-3.78675	46	1	0.16	1.08E+03	86.2
5575	11.24659	-3.78675	46	10	1.59	9.41E+03	82.2
5576	11.24659	-3.78675	58	1	0.16	1.85E+02	88.6
5577	11.24659	-3.78675	58	10	1.59	1.74E+03	86.1
5578	11.24659	-3.78675	58	100	15.92	1.45E+04	82.5
5579	11.24659	-3.78675	70	1	0.16	4.34E+01	89
5580	11.24659	-3.78675	70	10	1.59	4.25E+02	88.4
5581	11.24659	-3.78675	70	100	15.92	4.08E+03	85.5
5582	10.72963	-3.59687	10	1	0.16	2.78E+06	45.9
5583	10.72963	-3.59687	22	1	0.16	3.39E+05	59.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5584	10.72963	-3.59687	22	10	1.59	1.45E+06	51.1
5585	10.72963	-3.59687	34	1	0.16	2.57E+04	73.6
5586	10.72963	-3.59687	34	10	1.59	1.52E+05	65.1
5587	10.72963	-3.59687	34	100	15.92	7.85E+05	57.9
5588	10.72963	-3.59687	46	1	0.16	3.05E+03	83.7
5589	10.72963	-3.59687	46	10	1.59	2.43E+04	77.9
5590	10.72963	-3.59687	58	1	0.16	4.89E+02	87.6
5591	10.72963	-3.59687	58	10	1.59	4.39E+03	83.4
5592	10.72963	-3.59687	58	100	15.92	3.48E+04	77.8
5593	10.72963	-3.59687	70	1	0.16	1.03E+02	89.3
5594	10.72963	-3.59687	70	10	1.59	9.93E+02	86.9
5595	10.72963	-3.59687	70	100	15.92	8.81E+03	82.3
5596	10.82689	-3.63895	10	1	0.16	1.39E+06	61.1
5597	10.82689	-3.63895	22	1	0.16	1.22E+05	71.6
5598	10.82689	-3.63895	22	10	1.59	7.20E+05	65.5
5599	10.82689	-3.63895	22	100	15.92	3.57E+06	58
5600	10.82689	-3.63895	34	1	0.16	7.60E+03	81.4
5601	10.82689	-3.63895	34	10	1.59	4.77E+04	74.7
5602	10.82689	-3.63895	34	100	15.92	3.82E+05	69.1
5603	10.82689	-3.63895	46	1	0.16	1.24E+03	85.7
5604	10.82689	-3.63895	46	10	1.59	1.05E+04	80.7
5605	10.82689	-3.63895	58	1	0.16	2.05E+02	88.7
5606	10.82689	-3.63895	58	10	1.59	1.90E+03	85.2
5607	10.82689	-3.63895	58	100	15.92	1.60E+04	80.4
5608	10.82689	-3.63895	70	1	0.16	4.92E+01	89.3
5609	10.82689	-3.63895	70	10	1.59	4.77E+02	88.1
5610	10.82689	-3.63895	70	100	15.92	4.37E+03	84.1
5611	10.81613	-3.6237	10	1	0.16	5.45E+06	45.4
5612	10.81613	-3.6237	10	10	1.59	1.51E+07	36.7
5613	10.81613	-3.6237	22	1	0.16	4.97E+05	62.7
5614	10.81613	-3.6237	22	10	1.59	2.15E+06	52.6
5615	10.81613	-3.6237	34	1	0.16	2.36E+04	77.3
5616	10.81613	-3.6237	34	10	1.59	2.46E+05	70.9
5617	10.81613	-3.6237	34	100	15.92	9.21E+05	62.2
5618	10.81613	-3.6237	46	1	0.16	4.05E+03	83.1
5619	10.81613	-3.6237	46	10	1.59	2.89E+04	76.8
5620	10.81613	-3.6237	58	1	0.16	6.93E+02	87.2
5621	10.81613	-3.6237	58	10	1.59	5.07E+03	82.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5622	10.81613	-3.6237	58	100	15.92	4.77E+04	76.9
5623	10.81613	-3.6237	70	1	0.16	1.32E+02	89.2
5624	10.81613	-3.6237	70	10	1.59	1.09E+03	86.6
5625	10.81613	-3.6237	70	100	15.92	1.09E+04	81.9
5626	10.81613	-3.6237	76	10	1.59	5.50E+02	88.1
5627	10.81613	-3.6237	76	100	15.92	5.04E+03	84
5628	12.17329	-4.11827	10	1	0.16	1.96E+07	59.2
5629	12.17329	-4.11827	22	1	0.16	7.83E+05	81.4
5630	12.17329	-4.11827	22	10	1.59	5.79E+06	71.6
5631	12.17329	-4.11827	34	1	0.16	3.89E+04	87.2
5632	12.17329	-4.11827	34	10	1.59	3.50E+05	83.7
5633	12.17329	-4.11827	34	100	15.92	2.86E+06	76.7
5634	12.17329	-4.11827	46	1	0.16	2.49E+03	89.3
5635	12.17329	-4.11827	46	10	1.59	2.41E+04	87.3
5636	12.17329	-4.11827	58	1	0.16	3.08E+02	89.7
5637	12.17329	-4.11827	58	10	1.59	3.03E+03	89.1
5638	12.17329	-4.11827	58	100	15.92	2.95E+04	87.2
5639	12.17329	-4.11827	70	10	1.59	5.53E+02	89.6
5640	12.17329	-4.11827	70	100	15.92	5.52E+03	88.8
5641	10.875	-3.6588	15	1	0.16	3.45E+05	70.69
5642	10.875	-3.6588	15	1.59	0.25	4.90E+05	69.43
5643	10.875	-3.6588	15	2.51	0.4	6.97E+05	68.32
5644	10.875	-3.6588	15	3.98	0.63	9.85E+05	66.69
5645	10.875	-3.6588	15	6.31	1	1.38E+06	65.06
5646	10.875	-3.6588	15	10	1.59	1.91E+06	64.01
5647	10.875	-3.6588	15	15.9	2.53	2.67E+06	61.97
5648	10.875	-3.6588	15	25.1	3.99	3.63E+06	60.43
5649	10.875	-3.6588	15	39.8	6.33	4.91E+06	58.72
5650	10.875	-3.6588	15	63.1	10.04	6.57E+06	56.8
5651	10.875	-3.6588	15	100	15.92	8.70E+06	54.71
5652	10.875	-3.6588	25	1	0.16	4.87E+04	76.97
5653	10.875	-3.6588	25	1.59	0.25	7.17E+04	75.99
5654	10.875	-3.6588	25	2.51	0.4	1.05E+05	75.16
5655	10.875	-3.6588	25	3.98	0.63	1.55E+05	73.96
5656	10.875	-3.6588	25	6.31	1	2.25E+05	73.05
5657	10.875	-3.6588	25	10	1.59	3.24E+05	72.09
5658	10.875	-3.6588	25	15.9	2.53	4.67E+05	70.95
5659	10.875	-3.6588	25	25.1	3.99	6.70E+05	69.58

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5660	10.875	-3.6588	25	39.8	6.33	9.51E+05	68.44
5661	10.875	-3.6588	25	63.1	10.04	1.34E+06	67.22
5662	10.875	-3.6588	25	100	15.92	1.88E+06	65.87
5663	10.875	-3.6588	35	1	0.16	7.31E+03	82.44
5664	10.875	-3.6588	35	1.59	0.25	1.11E+04	81.85
5665	10.875	-3.6588	35	2.51	0.4	1.66E+04	80.73
5666	10.875	-3.6588	35	3.98	0.63	2.51E+04	79.92
5667	10.875	-3.6588	35	6.31	1	3.75E+04	79.1
5668	10.875	-3.6588	35	10	1.59	5.55E+04	77.61
5669	10.875	-3.6588	35	15.9	2.53	8.22E+04	76.92
5670	10.875	-3.6588	35	25.1	3.99	1.22E+05	76.11
5671	10.875	-3.6588	35	39.8	6.33	1.79E+05	75.44
5672	10.875	-3.6588	35	63.1	10.04	2.61E+05	74.67
5673	10.875	-3.6588	35	100	15.92	3.78E+05	73.87
5674	10.875	-3.6588	45	1	0.16	9.76E+02	86.7
5675	10.875	-3.6588	45	1.59	0.25	1.52E+03	86.09
5676	10.875	-3.6588	45	2.51	0.4	2.34E+03	86.06
5677	10.875	-3.6588	45	3.98	0.63	3.61E+03	85.24
5678	10.875	-3.6588	45	6.31	1	5.48E+03	84.46
5679	10.875	-3.6588	45	10	1.59	8.47E+03	82.79
5680	10.875	-3.6588	45	15.9	2.53	1.29E+04	81.94
5681	10.875	-3.6588	45	25.1	3.99	1.95E+04	81.12
5682	10.875	-3.6588	45	39.8	6.33	2.90E+04	80.67
5683	10.875	-3.6588	45	63.1	10.04	4.28E+04	79.99
5684	10.875	-3.6588	45	100	15.92	5.84E+04	79.39
5685	10.875	-3.6588	60	1	0.16	1.11E+02	88.94
5686	10.875	-3.6588	60	1.59	0.25	1.75E+02	89.11
5687	10.875	-3.6588	60	2.51	0.4	2.77E+02	88.76
5688	10.875	-3.6588	60	3.98	0.63	4.37E+02	88.3
5689	10.875	-3.6588	60	6.31	1	6.86E+02	87.88
5690	10.875	-3.6588	60	10	1.59	1.07E+03	87.25
5691	10.875	-3.6588	60	15.9	2.53	1.67E+03	86.7
5692	10.875	-3.6588	60	25.1	3.99	2.59E+03	86
5693	10.875	-3.6588	60	39.8	6.33	4.00E+03	85.38
5694	10.875	-3.6588	60	63.1	10.04	6.17E+03	84.84
5695	10.875	-3.6588	60	100	15.92	9.43E+03	84.35
5696	10.875	-3.6588	70	1	0.16	3.47E+01	89.96
5697	10.875	-3.6588	70	1.59	0.25	5.48E+01	89.55

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5698	10.875	-3.6588	70	2.51	0.4	8.69E+01	89.47
5699	10.875	-3.6588	70	3.98	0.63	1.38E+02	89.39
5700	10.875	-3.6588	70	6.31	1	2.17E+02	89.13
5701	10.875	-3.6588	70	10	1.59	3.42E+02	88.76
5702	10.875	-3.6588	70	15.9	2.53	5.43E+02	88.31
5703	10.875	-3.6588	70	25.1	3.99	8.47E+02	87.83
5704	10.875	-3.6588	70	39.8	6.33	1.32E+03	87.49
5705	10.875	-3.6588	70	63.1	10.04	2.06E+03	87.06
5706	10.875	-3.6588	70	100	15.92	3.19E+03	86.6
5707	10.875	-3.6588	80	1	0.16	1.29E+01	90.11
5708	10.875	-3.6588	80	1.59	0.25	2.04E+01	89.97
5709	10.875	-3.6588	80	2.51	0.4	3.22E+01	89.87
5710	10.875	-3.6588	80	3.98	0.63	5.09E+01	89.71
5711	10.875	-3.6588	80	6.31	1	8.05E+01	89.72
5712	10.875	-3.6588	80	10	1.59	1.28E+02	89.43
5713	10.875	-3.6588	80	15.9	2.53	2.04E+02	89.41
5714	10.875	-3.6588	80	25.1	3.99	3.22E+02	89.18
5715	10.875	-3.6588	80	39.8	6.33	5.07E+02	88.9
5716	10.875	-3.6588	80	63.1	10.04	7.96E+02	88.6
5717	10.875	-3.6588	80	100	15.92	1.24E+03	88.26
5718	10.875	-3.6588	95	1	0.16	3.07E+00	86.4
5719	10.875	-3.6588	95	1.59	0.25	4.94E+00	90.95
5720	10.875	-3.6588	95	2.51	0.4	7.78E+00	89.74
5721	10.875	-3.6588	95	3.98	0.63	1.22E+01	89.53
5722	10.875	-3.6588	95	6.31	1	1.94E+01	89.89
5723	10.875	-3.6588	95	10	1.59	3.07E+01	89.68
5724	10.875	-3.6588	95	15.9	2.53	4.87E+01	89.71
5725	10.875	-3.6588	95	25.1	3.99	7.71E+01	89.59
5726	10.875	-3.6588	95	39.8	6.33	1.22E+02	89.71
5727	10.875	-3.6588	95	63.1	10.04	1.92E+02	89.62
5728	10.875	-3.6588	95	100	15.92	3.02E+02	89.44
5729	10.875	-3.6588	105	1	0.16	1.57E+00	92.04
5730	10.875	-3.6588	105	1.59	0.25	2.47E+00	88.82
5731	10.875	-3.6588	105	2.51	0.4	3.91E+00	90.29
5732	10.875	-3.6588	105	3.98	0.63	6.10E+00	89.84
5733	10.875	-3.6588	105	6.31	1	9.74E+00	89.81
5734	10.875	-3.6588	105	10	1.59	1.54E+01	89.76
5735	10.875	-3.6588	105	15.9	2.53	2.44E+01	89.74

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5736	10.875	-3.6588	105	25.1	3.99	3.86E+01	89.78
5737	10.875	-3.6588	105	39.8	6.33	6.09E+01	89.72
5738	10.875	-3.6588	105	63.1	10.04	9.63E+01	89.71
5739	10.875	-3.6588	105	100	15.92	1.52E+02	89.49
5740	10.875	-3.6588	115	1	0.16	9.05E-01	85.2
5741	10.875	-3.6588	115	1.59	0.25	1.39E+00	87.8
5742	10.875	-3.6588	115	2.51	0.4	2.06E+00	87.76
5743	10.875	-3.6588	115	3.98	0.63	3.28E+00	89.5
5744	10.875	-3.6588	115	6.31	1	5.21E+00	89.81
5745	10.875	-3.6588	115	10	1.59	8.23E+00	89.69
5746	10.875	-3.6588	115	15.9	2.53	1.30E+01	89.76
5747	10.875	-3.6588	115	25.1	3.99	2.07E+01	89.44
5748	10.875	-3.6588	115	39.8	6.33	3.26E+01	89.6
5749	10.875	-3.6588	115	63.1	10.04	5.15E+01	89.47
5750	10.875	-3.6588	115	100	15.92	8.11E+01	89.1
5751	10.763	-3.6076	15	1	0.16	8.42E+05	62.78
5752	10.763	-3.6076	15	1.59	0.25	1.16E+06	61.09
5753	10.763	-3.6076	15	2.51	0.4	1.58E+06	60
5754	10.763	-3.6076	15	3.98	0.63	2.14E+06	58.33
5755	10.763	-3.6076	15	6.31	1	2.87E+06	56.72
5756	10.763	-3.6076	15	10	1.59	3.86E+06	56.01
5757	10.763	-3.6076	15	15.9	2.53	5.08E+06	54.54
5758	10.763	-3.6076	15	25.1	3.99	6.64E+06	53.14
5759	10.763	-3.6076	15	39.8	6.33	8.67E+06	51.11
5760	10.763	-3.6076	15	63.1	10.04	1.11E+07	50.08
5761	10.763	-3.6076	15	100	15.92	1.42E+07	48.53
5762	10.763	-3.6076	25	1	0.16	1.29E+05	69.68
5763	10.763	-3.6076	25	1.59	0.25	1.84E+05	68.83
5764	10.763	-3.6076	25	2.51	0.4	2.60E+05	67.79
5765	10.763	-3.6076	25	3.98	0.63	3.67E+05	66.67
5766	10.763	-3.6076	25	6.31	1	5.14E+05	65.59
5767	10.763	-3.6076	25	10	1.59	7.18E+05	64.67
5768	10.763	-3.6076	25	15.9	2.53	9.92E+05	63.53
5769	10.763	-3.6076	25	25.1	3.99	1.37E+06	62.43
5770	10.763	-3.6076	25	39.8	6.33	1.87E+06	61.21
5771	10.763	-3.6076	25	63.1	10.04	2.55E+06	59.92
5772	10.763	-3.6076	25	100	15.92	3.42E+06	58.74
5773	10.763	-3.6076	35	1	0.16	1.99E+04	76.69

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5774	10.763	-3.6076	35	1.59	0.25	2.93E+04	75.59
5775	10.763	-3.6076	35	2.51	0.4	4.26E+04	74.48
5776	10.763	-3.6076	35	3.98	0.63	6.20E+04	73.56
5777	10.763	-3.6076	35	6.31	1	8.97E+04	72.55
5778	10.763	-3.6076	35	10	1.59	1.30E+05	71.87
5779	10.763	-3.6076	35	15.9	2.53	1.86E+05	70.77
5780	10.763	-3.6076	35	25.1	3.99	2.65E+05	69.77
5781	10.763	-3.6076	35	39.8	6.33	3.77E+05	68.68
5782	10.763	-3.6076	35	63.1	10.04	5.33E+05	67.99
5783	10.763	-3.6076	35	100	15.92	7.47E+05	67.16
5784	10.763	-3.6076	45	1	0.16	3.24E+03	83.36
5785	10.763	-3.6076	45	1.59	0.25	4.93E+03	82.46
5786	10.763	-3.6076	45	2.51	0.4	7.42E+03	81.5
5787	10.763	-3.6076	45	3.98	0.63	1.11E+04	80.51
5788	10.763	-3.6076	45	6.31	1	1.65E+04	79.53
5789	10.763	-3.6076	45	10	1.59	2.45E+04	77.49
5790	10.763	-3.6076	45	15.9	2.53	3.63E+04	76.21
5791	10.763	-3.6076	45	25.1	3.99	5.31E+04	75.45
5792	10.763	-3.6076	45	39.8	6.33	7.76E+04	74.68
5793	10.763	-3.6076	45	63.1	10.04	1.13E+05	73.94
5794	10.763	-3.6076	45	100	15.92	1.61E+05	73.25
5795	10.763	-3.6076	60	1	0.16	2.78E+02	88.01
5796	10.763	-3.6076	60	1.59	0.25	4.34E+02	87.39
5797	10.763	-3.6076	60	2.51	0.4	6.81E+02	86.61
5798	10.763	-3.6076	60	3.98	0.63	1.06E+03	85.92
5799	10.763	-3.6076	60	6.31	1	1.64E+03	85.01
5800	10.763	-3.6076	60	10	1.59	2.54E+03	84.15
5801	10.763	-3.6076	60	15.9	2.53	3.89E+03	83.31
5802	10.763	-3.6076	60	25.1	3.99	5.93E+03	82.5
5803	10.763	-3.6076	60	39.8	6.33	9.01E+03	81.65
5804	10.763	-3.6076	60	63.1	10.04	1.36E+04	80.85
5805	10.763	-3.6076	60	100	15.92	2.04E+04	80.11
5806	10.763	-3.6076	70	1	0.16	7.82E+01	89.09
5807	10.763	-3.6076	70	1.59	0.25	1.23E+02	88.76
5808	10.763	-3.6076	70	2.51	0.4	1.95E+02	88.71
5809	10.763	-3.6076	70	3.98	0.63	3.07E+02	88.26
5810	10.763	-3.6076	70	6.31	1	4.81E+02	87.77
5811	10.763	-3.6076	70	10	1.59	7.57E+02	86.85

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5812	10.763	-3.6076	70	15.9	2.53	1.18E+03	86.21
5813	10.763	-3.6076	70	25.1	3.99	1.83E+03	85.45
5814	10.763	-3.6076	70	39.8	6.33	2.82E+03	84.76
5815	10.763	-3.6076	70	63.1	10.04	4.33E+03	84.07
5816	10.763	-3.6076	70	100	15.92	6.59E+03	83.34
5817	10.763	-3.6076	80	1	0.16	2.63E+01	89.96
5818	10.763	-3.6076	80	1.59	0.25	4.15E+01	89.56
5819	10.763	-3.6076	80	2.51	0.4	6.51E+01	89.4
5820	10.763	-3.6076	80	3.98	0.63	1.03E+02	89.26
5821	10.763	-3.6076	80	6.31	1	1.62E+02	89.09
5822	10.763	-3.6076	80	10	1.59	2.59E+02	88.9
5823	10.763	-3.6076	80	15.9	2.53	4.05E+02	88.39
5824	10.763	-3.6076	80	25.1	3.99	6.36E+02	87.55
5825	10.763	-3.6076	80	39.8	6.33	9.93E+02	87.25
5826	10.763	-3.6076	80	63.1	10.04	1.55E+03	86.52
5827	10.763	-3.6076	80	100	15.92	2.38E+03	85.95
5828	10.763	-3.6076	95	1	0.16	5.92E+00	91.5
5829	10.763	-3.6076	95	1.59	0.25	8.74E+00	90.64
5830	10.763	-3.6076	95	2.51	0.4	1.37E+01	89.09
5831	10.763	-3.6076	95	3.98	0.63	2.18E+01	89.92
5832	10.763	-3.6076	95	6.31	1	3.44E+01	89.92
5833	10.763	-3.6076	95	10	1.59	5.40E+01	90.58
5834	10.763	-3.6076	95	15.9	2.53	8.56E+01	89.42
5835	10.763	-3.6076	95	25.1	3.99	1.36E+02	89.55
5836	10.763	-3.6076	95	39.8	6.33	2.15E+02	89.43
5837	10.763	-3.6076	95	63.1	10.04	3.38E+02	89.09
5838	10.763	-3.6076	95	100	15.92	5.29E+02	88.6
5839	10.763	-3.6076	105	1	0.16	2.80E+00	86.98
5840	10.763	-3.6076	105	1.59	0.25	3.91E+00	88.01
5841	10.763	-3.6076	105	2.51	0.4	6.49E+00	90.15
5842	10.763	-3.6076	105	3.98	0.63	1.00E+01	89.92
5843	10.763	-3.6076	105	6.31	1	1.58E+01	89.65
5844	10.763	-3.6076	105	10	1.59	2.52E+01	89.77
5845	10.763	-3.6076	105	15.9	2.53	4.03E+01	89.61
5846	10.763	-3.6076	105	25.1	3.99	6.31E+01	89.96
5847	10.763	-3.6076	105	39.8	6.33	9.95E+01	89.6
5848	10.763	-3.6076	105	63.1	10.04	1.58E+02	89.6
5849	10.763	-3.6076	105	100	15.92	2.48E+02	89.32

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5850	10.763	-3.6076	115	1	0.16	1.28E+00	91.09
5851	10.763	-3.6076	115	1.59	0.25	2.01E+00	87.3
5852	10.763	-3.6076	115	2.51	0.4	3.25E+00	90.1
5853	10.763	-3.6076	115	3.98	0.63	5.10E+00	89.91
5854	10.763	-3.6076	115	6.31	1	8.07E+00	89.73
5855	10.763	-3.6076	115	10	1.59	1.29E+01	89.48
5856	10.763	-3.6076	115	15.9	2.53	2.04E+01	89.14
5857	10.763	-3.6076	115	25.1	3.99	3.08E+01	89.09
5858	10.763	-3.6076	115	39.8	6.33	5.05E+01	90.28
5859	10.763	-3.6076	115	63.1	10.04	7.98E+01	89.53
5860	10.763	-3.6076	115	100	15.92	1.26E+02	89.36
5861	10.732	-3.5827	15	1	0.16	2.70E+06	50.04
5862	10.732	-3.5827	15	1.59	0.25	3.45E+06	49.09
5863	10.732	-3.5827	15	2.51	0.4	4.43E+06	47.92
5864	10.732	-3.5827	15	3.98	0.63	5.61E+06	46.49
5865	10.732	-3.5827	15	6.31	1	7.03E+06	45.44
5866	10.732	-3.5827	15	10	1.59	9.19E+06	44.53
5867	10.732	-3.5827	15	15.9	2.53	1.13E+07	43.62
5868	10.732	-3.5827	15	25.1	3.99	1.41E+07	42.21
5869	10.732	-3.5827	15	39.8	6.33	1.72E+07	41.64
5870	10.732	-3.5827	15	63.1	10.04	2.12E+07	40.3
5871	10.732	-3.5827	15	100	15.92	2.56E+07	39.91
5872	10.732	-3.5827	25	1	0.16	5.26E+05	57.99
5873	10.732	-3.5827	25	1.59	0.25	7.08E+05	56.84
5874	10.732	-3.5827	25	2.51	0.4	9.41E+05	55.85
5875	10.732	-3.5827	25	3.98	0.63	1.25E+06	54.66
5876	10.732	-3.5827	25	6.31	1	1.65E+06	53.62
5877	10.732	-3.5827	25	10	1.59	2.18E+06	52.82
5878	10.732	-3.5827	25	15.9	2.53	2.83E+06	51.62
5879	10.732	-3.5827	25	25.1	3.99	3.64E+06	50.61
5880	10.732	-3.5827	25	39.8	6.33	4.75E+06	49.68
5881	10.732	-3.5827	25	63.1	10.04	6.04E+06	48.58
5882	10.732	-3.5827	25	100	15.92	7.65E+06	47.82
5883	10.732	-3.5827	35	1	0.16	9.55E+04	65.31
5884	10.732	-3.5827	35	1.59	0.25	1.32E+05	64.28
5885	10.732	-3.5827	35	2.51	0.4	1.83E+05	63.27
5886	10.732	-3.5827	35	3.98	0.63	2.51E+05	62.25
5887	10.732	-3.5827	35	6.31	1	3.44E+05	61.18

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5888	10.732	-3.5827	35	10	1.59	4.73E+05	60.27
5889	10.732	-3.5827	35	15.9	2.53	6.43E+05	59.27
5890	10.732	-3.5827	35	25.1	3.99	8.66E+05	58.44
5891	10.732	-3.5827	35	39.8	6.33	1.16E+06	57.49
5892	10.732	-3.5827	35	63.1	10.04	1.55E+06	56.62
5893	10.732	-3.5827	35	100	15.92	2.05E+06	55.86
5894	10.732	-3.5827	45	1	0.16	1.63E+04	72.66
5895	10.732	-3.5827	45	1.59	0.25	2.35E+04	71.56
5896	10.732	-3.5827	45	2.51	0.4	3.35E+04	70.33
5897	10.732	-3.5827	45	3.98	0.63	4.76E+04	69.16
5898	10.732	-3.5827	45	6.31	1	6.69E+04	68.17
5899	10.732	-3.5827	45	10	1.59	9.49E+04	66.99
5900	10.732	-3.5827	45	15.9	2.53	1.33E+05	65.71
5901	10.732	-3.5827	45	25.1	3.99	1.85E+05	64.78
5902	10.732	-3.5827	45	39.8	6.33	2.57E+05	64.26
5903	10.732	-3.5827	45	63.1	10.04	3.55E+05	63.44
5904	10.732	-3.5827	45	100	15.92	4.84E+05	62.86
5905	10.732	-3.5827	60	1	0.16	1.38E+03	83.2
5906	10.732	-3.5827	60	1.59	0.25	2.10E+03	81.67
5907	10.732	-3.5827	60	2.51	0.4	3.17E+03	80.18
5908	10.732	-3.5827	60	3.98	0.63	4.75E+03	78.7
5909	10.732	-3.5827	60	6.31	1	7.08E+03	77.5
5910	10.732	-3.5827	60	10	1.59	1.05E+04	76.46
5911	10.732	-3.5827	60	15.9	2.53	1.54E+04	75.36
5912	10.732	-3.5827	60	25.1	3.99	2.24E+04	74.23
5913	10.732	-3.5827	60	39.8	6.33	3.27E+04	73.52
5914	10.732	-3.5827	60	63.1	10.04	4.71E+04	72.45
5915	10.732	-3.5827	60	100	15.92	6.75E+04	71.79
5916	10.732	-3.5827	70	1	0.16	3.30E+02	86.62
5917	10.732	-3.5827	70	1.59	0.25	5.17E+02	85.66
5918	10.732	-3.5827	70	2.51	0.4	8.00E+02	84.67
5919	10.732	-3.5827	70	3.98	0.63	1.24E+03	83.67
5920	10.732	-3.5827	70	6.31	1	1.89E+03	82.5
5921	10.732	-3.5827	70	10	1.59	2.93E+03	81.58
5922	10.732	-3.5827	70	15.9	2.53	4.40E+03	80.19
5923	10.732	-3.5827	70	25.1	3.99	6.61E+03	78.85
5924	10.732	-3.5827	70	39.8	6.33	9.84E+03	77.88
5925	10.732	-3.5827	70	63.1	10.04	1.46E+04	76.89

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5926	10.732	-3.5827	70	100	15.92	2.13E+04	76
5927	10.732	-3.5827	80	1	0.16	9.42E+01	87.99
5928	10.732	-3.5827	80	1.59	0.25	1.48E+02	88.36
5929	10.732	-3.5827	80	2.51	0.4	2.32E+02	87.85
5930	10.732	-3.5827	80	3.98	0.63	3.63E+02	87.02
5931	10.732	-3.5827	80	6.31	1	5.67E+02	86.24
5932	10.732	-3.5827	80	10	1.59	8.86E+02	85.02
5933	10.732	-3.5827	80	15.9	2.53	1.37E+03	84.16
5934	10.732	-3.5827	80	25.1	3.99	2.09E+03	83.2
5935	10.732	-3.5827	80	39.8	6.33	3.18E+03	82.15
5936	10.732	-3.5827	80	63.1	10.04	4.82E+03	81.16
5937	10.732	-3.5827	80	100	15.92	7.22E+03	80.25
5938	10.732	-3.5827	95	1	0.16	1.62E+01	89.52
5939	10.732	-3.5827	95	1.59	0.25	2.58E+01	87.29
5940	10.732	-3.5827	95	2.51	0.4	4.12E+01	88.05
5941	10.732	-3.5827	95	3.98	0.63	6.49E+01	88.37
5942	10.732	-3.5827	95	6.31	1	1.02E+02	88.55
5943	10.732	-3.5827	95	10	1.59	1.63E+02	87.99
5944	10.732	-3.5827	95	15.9	2.53	2.43E+02	87.09
5945	10.732	-3.5827	95	25.1	3.99	3.98E+02	88.82
5946	10.732	-3.5827	95	39.8	6.33	6.10E+02	86.85
5947	10.732	-3.5827	95	63.1	10.04	9.49E+02	86.01
5948	10.732	-3.5827	95	100	15.92	1.46E+03	85.42
5949	10.732	-3.5827	105	1	0.16	7.04E+00	89.04
5950	10.732	-3.5827	105	1.59	0.25	1.08E+01	89.83
5951	10.732	-3.5827	105	2.51	0.4	1.70E+01	88.27
5952	10.732	-3.5827	105	3.98	0.63	2.69E+01	88.97
5953	10.732	-3.5827	105	6.31	1	4.22E+01	88.9
5954	10.732	-3.5827	105	10	1.59	6.65E+01	88.99
5955	10.732	-3.5827	105	15.9	2.53	1.06E+02	89.68
5956	10.732	-3.5827	105	25.1	3.99	1.67E+02	87.83
5957	10.732	-3.5827	105	39.8	6.33	2.59E+02	87.95
5958	10.732	-3.5827	105	63.1	10.04	4.07E+02	87.65
5959	10.732	-3.5827	105	100	15.92	6.32E+02	87.1
5960	10.732	-3.5827	115	1	0.16	3.28E+00	94.95
5961	10.732	-3.5827	115	1.59	0.25	4.87E+00	91.76
5962	10.732	-3.5827	115	2.51	0.4	7.89E+00	87.83
5963	10.732	-3.5827	115	3.98	0.63	1.24E+01	88.8

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
5964	10.732	-3.5827	115	6.31	1	1.95E+01	88.95
5965	10.732	-3.5827	115	10	1.59	3.05E+01	88.51
5966	10.732	-3.5827	115	15.9	2.53	4.89E+01	88.88
5967	10.732	-3.5827	115	25.1	3.99	7.63E+01	88.79
5968	10.732	-3.5827	115	39.8	6.33	1.21E+02	88.92
5969	10.732	-3.5827	115	63.1	10.04	1.90E+02	88.81
5970	10.732	-3.5827	115	100	15.92	2.96E+02	88.28
5971	10.447	-3.4701	15	1	0.16	3.90E+06	45.68
5972	10.447	-3.4701	15	1.59	0.25	4.88E+06	44.63
5973	10.447	-3.4701	15	2.51	0.4	6.02E+06	43.29
5974	10.447	-3.4701	15	3.98	0.63	7.54E+06	41.99
5975	10.447	-3.4701	15	6.31	1	9.20E+06	41.13
5976	10.447	-3.4701	15	10	1.59	1.15E+07	39.99
5977	10.447	-3.4701	15	15.9	2.53	1.40E+07	39.24
5978	10.447	-3.4701	15	25.1	3.99	1.72E+07	38.72
5979	10.447	-3.4701	15	39.8	6.33	2.05E+07	37.62
5980	10.447	-3.4701	15	63.1	10.04	2.49E+07	36.22
5981	10.447	-3.4701	15	100	15.92	2.95E+07	35.92
5982	10.447	-3.4701	25	1	0.16	8.49E+05	52.74
5983	10.447	-3.4701	25	1.59	0.25	1.11E+06	52.13
5984	10.447	-3.4701	25	2.51	0.4	1.44E+06	50.84
5985	10.447	-3.4701	25	3.98	0.63	1.86E+06	49.94
5986	10.447	-3.4701	25	6.31	1	2.39E+06	48.74
5987	10.447	-3.4701	25	10	1.59	3.10E+06	47.92
5988	10.447	-3.4701	25	15.9	2.53	3.95E+06	47.18
5989	10.447	-3.4701	25	25.1	3.99	4.99E+06	46.37
5990	10.447	-3.4701	25	39.8	6.33	6.31E+06	45.48
5991	10.447	-3.4701	25	63.1	10.04	7.87E+06	44.45
5992	10.447	-3.4701	25	100	15.92	9.76E+06	43.45
5993	10.447	-3.4701	35	1	0.16	1.73E+05	59.95
5994	10.447	-3.4701	35	1.59	0.25	2.33E+05	58.86
5995	10.447	-3.4701	35	2.51	0.4	3.14E+05	57.69
5996	10.447	-3.4701	35	3.98	0.63	4.21E+05	57.02
5997	10.447	-3.4701	35	6.31	1	5.60E+05	56.03
5998	10.447	-3.4701	35	10	1.59	7.47E+05	55.16
5999	10.447	-3.4701	35	15.9	2.53	9.87E+05	54.36
6000	10.447	-3.4701	35	25.1	3.99	1.28E+06	53.31
6001	10.447	-3.4701	35	39.8	6.33	1.69E+06	52.46

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6002	10.447	-3.4701	35	63.1	10.04	2.21E+06	51.8
6003	10.447	-3.4701	35	100	15.92	2.84E+06	50.93
6004	10.447	-3.4701	45	1	0.16	3.07E+04	67.84
6005	10.447	-3.4701	45	1.59	0.25	4.28E+04	66.51
6006	10.447	-3.4701	45	2.51	0.4	5.97E+04	65.12
6007	10.447	-3.4701	45	3.98	0.63	8.26E+04	64.2
6008	10.447	-3.4701	45	6.31	1	1.14E+05	63.25
6009	10.447	-3.4701	45	10	1.59	1.60E+05	61.77
6010	10.447	-3.4701	45	15.9	2.53	2.19E+05	60.95
6011	10.447	-3.4701	45	25.1	3.99	2.98E+05	60.25
6012	10.447	-3.4701	45	39.8	6.33	4.04E+05	59.56
6013	10.447	-3.4701	45	63.1	10.04	5.43E+05	58.86
6014	10.447	-3.4701	45	100	15.92	7.24E+05	58.21
6015	10.447	-3.4701	60	1	0.16	2.75E+03	79.03
6016	10.447	-3.4701	60	1.59	0.25	4.13E+03	77.21
6017	10.447	-3.4701	60	2.51	0.4	6.09E+03	75.85
6018	10.447	-3.4701	60	3.98	0.63	8.92E+03	74.3
6019	10.447	-3.4701	60	6.31	1	1.30E+04	72.84
6020	10.447	-3.4701	60	10	1.59	1.88E+04	71.67
6021	10.447	-3.4701	60	15.9	2.53	2.69E+04	70.78
6022	10.447	-3.4701	60	25.1	3.99	3.83E+04	69.7
6023	10.447	-3.4701	60	39.8	6.33	5.36E+04	68.56
6024	10.447	-3.4701	60	63.1	10.04	7.63E+04	68.18
6025	10.447	-3.4701	60	100	15.92	1.07E+05	67.54
6026	10.447	-3.4701	70	1	0.16	6.36E+02	84.4
6027	10.447	-3.4701	70	1.59	0.25	9.79E+02	82.72
6028	10.447	-3.4701	70	2.51	0.4	1.50E+03	81.37
6029	10.447	-3.4701	70	3.98	0.63	2.28E+03	80.44
6030	10.447	-3.4701	70	6.31	1	3.42E+03	79.02
6031	10.447	-3.4701	70	10	1.59	5.13E+03	77.93
6032	10.447	-3.4701	70	15.9	2.53	7.58E+03	76.41
6033	10.447	-3.4701	70	25.1	3.99	1.11E+04	74.97
6034	10.447	-3.4701	70	39.8	6.33	1.62E+04	73.99
6035	10.447	-3.4701	70	63.1	10.04	2.34E+04	73.1
6036	10.447	-3.4701	70	100	15.92	3.36E+04	72.07
6037	10.447	-3.4701	80	1	0.16	1.70E+02	87.25
6038	10.447	-3.4701	80	1.59	0.25	2.67E+02	86.83
6039	10.447	-3.4701	80	2.51	0.4	4.17E+02	85.84

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6040	10.447	-3.4701	80	3.98	0.63	6.47E+02	84.85
6041	10.447	-3.4701	80	6.31	1	9.95E+02	83.76
6042	10.447	-3.4701	80	10	1.59	1.52E+03	82.61
6043	10.447	-3.4701	80	15.9	2.53	2.33E+03	81.17
6044	10.447	-3.4701	80	25.1	3.99	3.51E+03	79.88
6045	10.447	-3.4701	80	39.8	6.33	5.25E+03	78.84
6046	10.447	-3.4701	80	63.1	10.04	7.81E+03	77.72
6047	10.447	-3.4701	80	100	15.92	1.15E+04	76.66
6048	10.447	-3.4701	95	1	0.16	2.90E+01	92.22
6049	10.447	-3.4701	95	1.59	0.25	4.40E+01	89.64
6050	10.447	-3.4701	95	2.51	0.4	6.92E+01	88.79
6051	10.447	-3.4701	95	3.98	0.63	1.10E+02	88.58
6052	10.447	-3.4701	95	6.31	1	1.73E+02	87.94
6053	10.447	-3.4701	95	10	1.59	2.78E+02	87.89
6054	10.447	-3.4701	95	15.9	2.53	4.29E+02	86.92
6055	10.447	-3.4701	95	25.1	3.99	6.74E+02	86.46
6056	10.447	-3.4701	95	39.8	6.33	1.02E+03	84.82
6057	10.447	-3.4701	95	63.1	10.04	1.57E+03	84.24
6058	10.447	-3.4701	95	100	15.92	2.40E+03	83.38
6059	10.447	-3.4701	105	1	0.16	1.05E+01	88.48
6060	10.447	-3.4701	105	1.59	0.25	1.64E+01	90.3
6061	10.447	-3.4701	105	2.51	0.4	2.60E+01	89.88
6062	10.447	-3.4701	105	3.98	0.63	4.13E+01	88.98
6063	10.447	-3.4701	105	6.31	1	6.52E+01	89.16
6064	10.447	-3.4701	105	10	1.59	1.03E+02	89.03
6065	10.447	-3.4701	105	15.9	2.53	1.63E+02	88.58
6066	10.447	-3.4701	105	25.1	3.99	2.56E+02	88.37
6067	10.447	-3.4701	105	39.8	6.33	3.98E+02	87.35
6068	10.447	-3.4701	105	63.1	10.04	6.23E+02	86.88
6069	10.447	-3.4701	105	100	15.92	9.58E+02	86.1
6070	10.447	-3.4701	115	1	0.16	3.99E+00	86.1
6071	10.447	-3.4701	115	1.59	0.25	6.85E+00	88.94
6072	10.447	-3.4701	115	2.51	0.4	1.09E+01	88
6073	10.447	-3.4701	115	3.98	0.63	1.75E+01	89.53
6074	10.447	-3.4701	115	6.31	1	2.77E+01	89.71
6075	10.447	-3.4701	115	10	1.59	4.45E+01	89.81
6076	10.447	-3.4701	115	15.9	2.53	7.01E+01	89.63
6077	10.447	-3.4701	115	25.1	3.99	1.11E+02	87.91

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6078	10.447	-3.4701	115	39.8	6.33	1.74E+02	88.8
6079	10.447	-3.4701	115	63.1	10.04	2.73E+02	88.41
6080	10.447	-3.4701	115	100	15.92	4.26E+02	87.77
6081	11.963	-4.0379	15	1	0.16	3.71E+06	69.78
6082	11.963	-4.0379	15	1.59	0.25	5.24E+06	67.21
6083	11.963	-4.0379	15	2.51	0.4	7.36E+06	64.91
6084	11.963	-4.0379	15	3.98	0.63	1.02E+07	62.11
6085	11.963	-4.0379	15	6.31	1	1.39E+07	59.23
6086	11.963	-4.0379	15	10	1.59	1.88E+07	58.26
6087	11.963	-4.0379	15	15.9	2.53	2.48E+07	56.34
6088	11.963	-4.0379	15	25.1	3.99	3.22E+07	50.11
6089	11.963	-4.0379	15	39.8	6.33	4.07E+07	49.54
6090	11.963	-4.0379	15	63.1	10.04	5.06E+07	45.54
6091	11.963	-4.0379	15	100	15.92	6.31E+07	43.71
6092	11.963	-4.0379	25	1	0.16	3.44E+05	79.96
6093	11.963	-4.0379	25	1.59	0.25	5.16E+05	78.93
6094	11.963	-4.0379	25	2.51	0.4	7.74E+05	77.26
6095	11.963	-4.0379	25	3.98	0.63	1.15E+06	75.83
6096	11.963	-4.0379	25	6.31	1	1.69E+06	74.21
6097	11.963	-4.0379	25	10	1.59	2.39E+06	72.53
6098	11.963	-4.0379	25	15.9	2.53	3.51E+06	70.8
6099	11.963	-4.0379	25	25.1	3.99	5.00E+06	69.29
6100	11.963	-4.0379	25	39.8	6.33	7.04E+06	66.21
6101	11.963	-4.0379	25	63.1	10.04	9.76E+06	63.87
6102	11.963	-4.0379	25	100	15.92	1.34E+07	61.02
6103	11.963	-4.0379	35	1	0.16	3.58E+04	84.51
6104	11.963	-4.0379	35	1.59	0.25	5.50E+04	83.88
6105	11.963	-4.0379	35	2.51	0.4	8.37E+04	83.4
6106	11.963	-4.0379	35	3.98	0.63	1.28E+05	82.75
6107	11.963	-4.0379	35	6.31	1	1.95E+05	81.84
6108	11.963	-4.0379	35	10	1.59	2.97E+05	80.94
6109	11.963	-4.0379	35	15.9	2.53	4.49E+05	79.86
6110	11.963	-4.0379	35	25.1	3.99	6.74E+05	78.5
6111	11.963	-4.0379	35	39.8	6.33	1.01E+06	77.42
6112	11.963	-4.0379	35	63.1	10.04	1.49E+06	76.1
6113	11.963	-4.0379	35	100	15.92	2.18E+06	74.51
6114	11.963	-4.0379	45	1	0.16	4.64E+03	88
6115	11.963	-4.0379	45	1.59	0.25	7.28E+03	87.39

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6116	11.963	-4.0379	45	2.51	0.4	1.13E+04	86.81
6117	11.963	-4.0379	45	3.98	0.63	1.75E+04	86.32
6118	11.963	-4.0379	45	6.31	1	2.70E+04	85.76
6119	11.963	-4.0379	45	10	1.59	4.20E+04	85.12
6120	11.963	-4.0379	45	15.9	2.53	6.48E+04	84.32
6121	11.963	-4.0379	45	25.1	3.99	9.96E+04	83.47
6122	11.963	-4.0379	45	39.8	6.33	1.52E+05	82.95
6123	11.963	-4.0379	45	63.1	10.04	2.32E+05	82.21
6124	11.963	-4.0379	45	100	15.92	3.49E+05	81.42
6125	11.963	-4.0379	60	1	0.16	2.84E+02	89.39
6126	11.963	-4.0379	60	1.59	0.25	4.49E+02	89.5
6127	11.963	-4.0379	60	2.51	0.4	7.12E+02	89.45
6128	11.963	-4.0379	60	3.98	0.63	1.13E+03	89.05
6129	11.963	-4.0379	60	6.31	1	1.77E+03	88.77
6130	11.963	-4.0379	60	10	1.59	2.86E+03	88.49
6131	11.963	-4.0379	60	15.9	2.53	4.52E+03	88.22
6132	11.963	-4.0379	60	25.1	3.99	7.08E+03	87.83
6133	11.963	-4.0379	60	39.8	6.33	1.10E+04	87.46
6134	11.963	-4.0379	60	63.1	10.04	1.73E+04	87.21
6135	11.963	-4.0379	60	100	15.92	2.68E+04	86.87
6136	11.963	-4.0379	70	1	0.16	7.39E+01	90.05
6137	11.963	-4.0379	70	1.59	0.25	1.16E+02	89.81
6138	11.963	-4.0379	70	2.51	0.4	1.85E+02	89.63
6139	11.963	-4.0379	70	3.98	0.63	2.92E+02	89.57
6140	11.963	-4.0379	70	6.31	1	4.63E+02	89.53
6141	11.963	-4.0379	70	10	1.59	7.43E+02	89.47
6142	11.963	-4.0379	70	15.9	2.53	1.17E+03	89.2
6143	11.963	-4.0379	70	25.1	3.99	1.84E+03	88.94
6144	11.963	-4.0379	70	39.8	6.33	2.91E+03	88.81
6145	11.963	-4.0379	70	63.1	10.04	4.57E+03	88.63
6146	11.963	-4.0379	70	100	15.92	7.14E+03	88.41
6147	11.963	-4.0379	80	1	0.16	2.34E+01	89.73
6148	11.963	-4.0379	80	1.59	0.25	3.69E+01	89.88
6149	11.963	-4.0379	80	2.51	0.4	5.85E+01	89.73
6150	11.963	-4.0379	80	3.98	0.63	9.26E+01	89.83
6151	11.963	-4.0379	80	6.31	1	1.47E+02	89.77
6152	11.963	-4.0379	80	10	1.59	2.34E+02	89.88
6153	11.963	-4.0379	80	15.9	2.53	3.69E+02	89.56

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6154	11.963	-4.0379	80	25.1	3.99	5.85E+02	89.55
6155	11.963	-4.0379	80	39.8	6.33	9.25E+02	89.59
6156	11.963	-4.0379	80	63.1	10.04	1.46E+03	89.54
6157	11.963	-4.0379	80	100	15.92	2.29E+03	89.41
6158	11.963	-4.0379	95	1	0.16	4.44E+00	90.01
6159	11.963	-4.0379	95	1.59	0.25	6.90E+00	89.68
6160	11.963	-4.0379	95	2.51	0.4	1.12E+01	89.69
6161	11.963	-4.0379	95	3.98	0.63	1.77E+01	89.84
6162	11.963	-4.0379	95	6.31	1	2.79E+01	89.78
6163	11.963	-4.0379	95	10	1.59	4.21E+01	89.81
6164	11.963	-4.0379	95	15.9	2.53	6.67E+01	89.84
6165	11.963	-4.0379	95	25.1	3.99	1.05E+02	89.95
6166	11.963	-4.0379	95	39.8	6.33	1.66E+02	89.93
6167	11.963	-4.0379	95	63.1	10.04	2.63E+02	90.03
6168	11.963	-4.0379	95	100	15.92	4.14E+02	90.03
6169	11.963	-4.0379	105	1	0.16	2.12E+00	93.41
6170	11.963	-4.0379	105	1.59	0.25	3.06E+00	90.68
6171	11.963	-4.0379	105	2.51	0.4	4.92E+00	90.15
6172	11.963	-4.0379	105	3.98	0.63	7.83E+00	89.56
6173	11.963	-4.0379	105	6.31	1	1.25E+01	89.76
6174	11.963	-4.0379	105	10	1.59	1.98E+01	89.79
6175	11.963	-4.0379	105	15.9	2.53	3.12E+01	89.82
6176	11.963	-4.0379	105	25.1	3.99	4.96E+01	89.81
6177	11.963	-4.0379	105	39.8	6.33	7.83E+01	89.86
6178	11.963	-4.0379	105	63.1	10.04	1.24E+02	89.94
6179	11.963	-4.0379	105	100	15.92	1.95E+02	89.9
6180	11.963	-4.0379	115	1	0.16	1.08E+00	88.32
6181	11.963	-4.0379	115	1.59	0.25	1.51E+00	88.26
6182	11.963	-4.0379	115	2.51	0.4	2.48E+00	90.15
6183	11.963	-4.0379	115	3.98	0.63	3.97E+00	89.27
6184	11.963	-4.0379	115	6.31	1	6.21E+00	89.54
6185	11.963	-4.0379	115	10	1.59	9.84E+00	89.72
6186	11.963	-4.0379	115	15.9	2.53	1.56E+01	89.76
6187	11.963	-4.0379	115	25.1	3.99	2.46E+01	89.76
6188	11.963	-4.0379	115	39.8	6.33	3.89E+01	89.73
6189	11.963	-4.0379	115	63.1	10.04	6.15E+01	89.66
6190	11.963	-4.0379	115	100	15.92	9.67E+01	89.41
6191	11.611	-3.9017	15	1	0.16	6.73E+06	60.97

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6192	11.611	-3.9017	15	1.59	0.25	9.17E+06	58.73
6193	11.611	-3.9017	15	2.51	0.4	1.24E+07	56.9
6194	11.611	-3.9017	15	3.98	0.63	1.62E+07	53.33
6195	11.611	-3.9017	15	6.31	1	2.11E+07	51.32
6196	11.611	-3.9017	15	10	1.59	2.88E+07	48.11
6197	11.611	-3.9017	15	15.9	2.53	3.54E+07	46.16
6198	11.611	-3.9017	15	25.1	3.99	4.29E+07	42.73
6199	11.611	-3.9017	15	39.8	6.33	5.56E+07	42.34
6200	11.611	-3.9017	15	63.1	10.04	6.46E+07	40
6201	11.611	-3.9017	15	100	15.92	8.02E+07	38.24
6202	11.611	-3.9017	25	1	0.16	7.41E+05	73.49
6203	11.611	-3.9017	25	1.59	0.25	1.07E+06	72
6204	11.611	-3.9017	25	2.51	0.4	1.54E+06	70.42
6205	11.611	-3.9017	25	3.98	0.63	2.19E+06	68.59
6206	11.611	-3.9017	25	6.31	1	3.10E+06	66.51
6207	11.611	-3.9017	25	10	1.59	4.43E+06	64.68
6208	11.611	-3.9017	25	15.9	2.53	6.11E+06	62.95
6209	11.611	-3.9017	25	25.1	3.99	8.37E+06	60.59
6210	11.611	-3.9017	25	39.8	6.33	1.13E+07	57.97
6211	11.611	-3.9017	25	63.1	10.04	1.51E+07	55.88
6212	11.611	-3.9017	25	100	15.92	1.98E+07	53.65
6213	11.611	-3.9017	35	1	0.16	7.86E+04	80.7
6214	11.611	-3.9017	35	1.59	0.25	1.19E+05	79.51
6215	11.611	-3.9017	35	2.51	0.4	1.79E+05	78.53
6216	11.611	-3.9017	35	3.98	0.63	2.66E+05	77.51
6217	11.611	-3.9017	35	6.31	1	3.96E+05	76.33
6218	11.611	-3.9017	35	10	1.59	5.88E+05	75.36
6219	11.611	-3.9017	35	15.9	2.53	8.60E+05	73.72
6220	11.611	-3.9017	35	25.1	3.99	1.25E+06	72.62
6221	11.611	-3.9017	35	39.8	6.33	1.81E+06	71.04
6222	11.611	-3.9017	35	63.1	10.04	2.59E+06	69.42
6223	11.611	-3.9017	35	100	15.92	3.65E+06	67.74
6224	11.611	-3.9017	45	1	0.16	8.74E+03	85.97
6225	11.611	-3.9017	45	1.59	0.25	1.35E+04	85.04
6226	11.611	-3.9017	45	2.51	0.4	2.09E+04	84.67
6227	11.611	-3.9017	45	3.98	0.63	3.19E+04	83.63
6228	11.611	-3.9017	45	6.31	1	4.88E+04	83
6229	11.611	-3.9017	45	10	1.59	7.94E+04	82.41

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6230	11.611	-3.9017	45	15.9	2.53	1.18E+05	81.81
6231	11.611	-3.9017	45	25.1	3.99	1.79E+05	81.84
6232	11.611	-3.9017	45	39.8	6.33	2.66E+05	79.76
6233	11.611	-3.9017	45	63.1	10.04	4.00E+05	81.21
6234	11.611	-3.9017	45	100	15.92	6.02E+05	81.47
6235	11.611	-3.9017	60	1	0.16	6.35E+02	89.3
6236	11.611	-3.9017	60	1.59	0.25	9.87E+02	88.65
6237	11.611	-3.9017	60	2.51	0.4	1.55E+03	88.24
6238	11.611	-3.9017	60	3.98	0.63	2.44E+03	87.68
6239	11.611	-3.9017	60	6.31	1	3.81E+03	87.16
6240	11.611	-3.9017	60	10	1.59	5.98E+03	86.88
6241	11.611	-3.9017	60	15.9	2.53	9.29E+03	86.43
6242	11.611	-3.9017	60	25.1	3.99	1.45E+04	85.7
6243	11.611	-3.9017	60	39.8	6.33	2.23E+04	85.09
6244	11.611	-3.9017	60	63.1	10.04	3.43E+04	84.55
6245	11.611	-3.9017	60	100	15.92	5.25E+04	84.04
6246	11.611	-3.9017	70	1	0.16	1.54E+02	89.2
6247	11.611	-3.9017	70	1.59	0.25	2.44E+02	89.54
6248	11.611	-3.9017	70	2.51	0.4	3.87E+02	89.27
6249	11.611	-3.9017	70	3.98	0.63	6.11E+02	89.1
6250	11.611	-3.9017	70	6.31	1	9.63E+02	88.76
6251	11.611	-3.9017	70	10	1.59	1.47E+03	88.79
6252	11.611	-3.9017	70	15.9	2.53	2.30E+03	87.97
6253	11.611	-3.9017	70	25.1	3.99	3.60E+03	87.68
6254	11.611	-3.9017	70	39.8	6.33	5.62E+03	87.27
6255	11.611	-3.9017	70	63.1	10.04	8.75E+03	86.86
6256	11.611	-3.9017	70	100	15.92	1.35E+04	86.48
6257	11.611	-3.9017	80	1	0.16	4.32E+01	89.55
6258	11.611	-3.9017	80	1.59	0.25	6.86E+01	89.74
6259	11.611	-3.9017	80	2.51	0.4	1.08E+02	89.61
6260	11.611	-3.9017	80	3.98	0.63	1.71E+02	89.57
6261	11.611	-3.9017	80	6.31	1	2.70E+02	89.56
6262	11.611	-3.9017	80	10	1.59	4.26E+02	89.39
6263	11.611	-3.9017	80	15.9	2.53	6.72E+02	89.27
6264	11.611	-3.9017	80	25.1	3.99	1.06E+03	89.04
6265	11.611	-3.9017	80	39.8	6.33	1.67E+03	88.76
6266	11.611	-3.9017	80	63.1	10.04	2.62E+03	88.48
6267	11.611	-3.9017	80	100	15.92	4.10E+03	88.18

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6268	11.611	-3.9017	95	1	0.16	7.36E+00	90.09
6269	11.611	-3.9017	95	1.59	0.25	1.16E+01	91.14
6270	11.611	-3.9017	95	2.51	0.4	1.83E+01	90.11
6271	11.611	-3.9017	95	3.98	0.63	2.88E+01	89.6
6272	11.611	-3.9017	95	6.31	1	4.58E+01	89.73
6273	11.611	-3.9017	95	10	1.59	7.26E+01	89.77
6274	11.611	-3.9017	95	15.9	2.53	1.15E+02	89.91
6275	11.611	-3.9017	95	25.1	3.99	1.82E+02	89.81
6276	11.611	-3.9017	95	39.8	6.33	2.88E+02	89.77
6277	11.611	-3.9017	95	63.1	10.04	4.54E+02	89.81
6278	11.611	-3.9017	95	100	15.92	7.15E+02	89.72
6279	11.611	-3.9017	105	1	0.16	2.76E+00	88.97
6280	11.611	-3.9017	105	1.59	0.25	4.71E+00	89.31
6281	11.611	-3.9017	105	2.51	0.4	7.62E+00	88.51
6282	11.611	-3.9017	105	3.98	0.63	1.22E+01	90.11
6283	11.611	-3.9017	105	6.31	1	1.93E+01	89.69
6284	11.611	-3.9017	105	10	1.59	3.05E+01	89.88
6285	11.611	-3.9017	105	15.9	2.53	4.84E+01	90.02
6286	11.611	-3.9017	105	25.1	3.99	7.65E+01	89.79
6287	11.611	-3.9017	105	39.8	6.33	1.21E+02	89.86
6288	11.611	-3.9017	105	63.1	10.04	1.91E+02	89.88
6289	11.611	-3.9017	105	100	15.92	3.01E+02	89.94
6290	11.611	-3.9017	115	1	0.16	1.47E+00	89.98
6291	11.611	-3.9017	115	1.59	0.25	2.28E+00	91.46
6292	11.611	-3.9017	115	2.51	0.4	3.61E+00	88.93
6293	11.611	-3.9017	115	3.98	0.63	5.75E+00	89.68
6294	11.611	-3.9017	115	6.31	1	9.15E+00	89.78
6295	11.611	-3.9017	115	10	1.59	1.45E+01	89.71
6296	11.611	-3.9017	115	15.9	2.53	2.29E+01	89.82
6297	11.611	-3.9017	115	25.1	3.99	3.63E+01	89.81
6298	11.611	-3.9017	115	39.8	6.33	5.76E+01	89.83
6299	11.611	-3.9017	115	63.1	10.04	9.10E+01	89.81
6300	11.611	-3.9017	115	100	15.92	1.43E+02	89.73
6301	11.892	-3.9918	15	1	0.16	2.18E+07	46.82
6302	11.892	-3.9918	15	1.59	0.25	2.76E+07	45.05
6303	11.892	-3.9918	15	2.51	0.4	3.47E+07	43.7
6304	11.892	-3.9918	15	3.98	0.63	4.26E+07	40.57
6305	11.892	-3.9918	15	6.31	1	5.25E+07	39.84

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6306	11.892	-3.9918	15	10	1.59	6.50E+07	38.75
6307	11.892	-3.9918	15	15.9	2.53	7.59E+07	35.72
6308	11.892	-3.9918	15	25.1	3.99	8.87E+07	32.21
6309	11.892	-3.9918	15	39.8	6.33	1.04E+08	31.62
6310	11.892	-3.9918	15	63.1	10.04	1.30E+08	29.17
6311	11.892	-3.9918	15	100	15.92	1.42E+08	27.34
6312	11.892	-3.9918	25	1	0.16	3.36E+06	62.17
6313	11.892	-3.9918	25	1.59	0.25	4.59E+06	59.97
6314	11.892	-3.9918	25	2.51	0.4	6.21E+06	57.84
6315	11.892	-3.9918	25	3.98	0.63	8.23E+06	55.81
6316	11.892	-3.9918	25	6.31	1	1.09E+07	53.64
6317	11.892	-3.9918	25	10	1.59	1.46E+07	51.4
6318	11.892	-3.9918	25	15.9	2.53	1.87E+07	50.13
6319	11.892	-3.9918	25	25.1	3.99	2.40E+07	47.63
6320	11.892	-3.9918	25	39.8	6.33	3.01E+07	45.92
6321	11.892	-3.9918	25	63.1	10.04	3.73E+07	42.93
6322	11.892	-3.9918	25	100	15.92	4.80E+07	41.97
6323	11.892	-3.9918	35	1	0.16	4.22E+05	71.9
6324	11.892	-3.9918	35	1.59	0.25	6.11E+05	70.51
6325	11.892	-3.9918	35	2.51	0.4	8.75E+05	69.34
6326	11.892	-3.9918	35	3.98	0.63	1.24E+06	67.79
6327	11.892	-3.9918	35	6.31	1	1.75E+06	66.1
6328	11.892	-3.9918	35	10	1.59	2.51E+06	65.17
6329	11.892	-3.9918	35	15.9	2.53	3.49E+06	62.79
6330	11.892	-3.9918	35	25.1	3.99	4.74E+06	60.9
6331	11.892	-3.9918	35	39.8	6.33	6.45E+06	59.27
6332	11.892	-3.9918	35	63.1	10.04	8.67E+06	57.44
6333	11.892	-3.9918	35	100	15.92	1.14E+07	55.24
6334	11.892	-3.9918	45	1	0.16	4.88E+04	79.13
6335	11.892	-3.9918	45	1.59	0.25	7.39E+04	78.14
6336	11.892	-3.9918	45	2.51	0.4	1.09E+05	76.81
6337	11.892	-3.9918	45	3.98	0.63	1.62E+05	75.69
6338	11.892	-3.9918	45	6.31	1	2.38E+05	74.6
6339	11.892	-3.9918	45	10	1.59	3.50E+05	73.3
6340	11.892	-3.9918	45	15.9	2.53	5.08E+05	72.15
6341	11.892	-3.9918	45	25.1	3.99	7.34E+05	71.09
6342	11.892	-3.9918	45	39.8	6.33	1.05E+06	69.63
6343	11.892	-3.9918	45	63.1	10.04	1.49E+06	68.28

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6344	11.892	-3.9918	45	100	15.92	2.09E+06	66.9
6345	11.892	-3.9918	60	1	0.16	2.69E+03	86.56
6346	11.892	-3.9918	60	1.59	0.25	4.17E+03	85.91
6347	11.892	-3.9918	60	2.51	0.4	6.49E+03	85.13
6348	11.892	-3.9918	60	3.98	0.63	1.00E+04	84.28
6349	11.892	-3.9918	60	6.31	1	1.54E+04	83.41
6350	11.892	-3.9918	60	10	1.59	2.38E+04	83.09
6351	11.892	-3.9918	60	15.9	2.53	3.62E+04	82.36
6352	11.892	-3.9918	60	25.1	3.99	5.47E+04	81.03
6353	11.892	-3.9918	60	39.8	6.33	8.23E+04	80.45
6354	11.892	-3.9918	60	63.1	10.04	1.24E+05	79.49
6355	11.892	-3.9918	60	100	15.92	1.84E+05	78.78
6356	11.892	-3.9918	70	1	0.16	5.45E+02	88.54
6357	11.892	-3.9918	70	1.59	0.25	8.56E+02	88.3
6358	11.892	-3.9918	70	2.51	0.4	1.35E+03	87.78
6359	11.892	-3.9918	70	3.98	0.63	2.11E+03	87.25
6360	11.892	-3.9918	70	6.31	1	3.31E+03	86.62
6361	11.892	-3.9918	70	10	1.59	5.14E+03	86.07
6362	11.892	-3.9918	70	15.9	2.53	7.97E+03	85.43
6363	11.892	-3.9918	70	25.1	3.99	1.23E+04	84.54
6364	11.892	-3.9918	70	39.8	6.33	1.89E+04	83.89
6365	11.892	-3.9918	70	63.1	10.04	2.89E+04	83.23
6366	11.892	-3.9918	70	100	15.92	4.38E+04	82.5
6367	11.892	-3.9918	80	1	0.16	1.37E+02	89.92
6368	11.892	-3.9918	80	1.59	0.25	2.16E+02	89.4
6369	11.892	-3.9918	80	2.51	0.4	3.42E+02	89.31
6370	11.892	-3.9918	80	3.98	0.63	5.41E+02	88.93
6371	11.892	-3.9918	80	6.31	1	8.55E+02	88.6
6372	11.892	-3.9918	80	10	1.59	1.36E+03	88.19
6373	11.892	-3.9918	80	15.9	2.53	2.13E+03	87.67
6374	11.892	-3.9918	80	25.1	3.99	3.31E+03	87.11
6375	11.892	-3.9918	80	39.8	6.33	5.17E+03	86.58
6376	11.892	-3.9918	80	63.1	10.04	8.03E+03	86.04
6377	11.892	-3.9918	80	100	15.92	1.24E+04	85.47
6378	11.892	-3.9918	95	1	0.16	2.06E+01	91.06
6379	11.892	-3.9918	95	1.59	0.25	3.20E+01	88.82
6380	11.892	-3.9918	95	2.51	0.4	5.11E+01	90.12
6381	11.892	-3.9918	95	3.98	0.63	8.12E+01	89.65

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6382	11.892	-3.9918	95	6.31	1	1.28E+02	89.69
6383	11.892	-3.9918	95	10	1.59	2.01E+02	90.36
6384	11.892	-3.9918	95	15.9	2.53	3.18E+02	89.96
6385	11.892	-3.9918	95	25.1	3.99	5.07E+02	90.24
6386	11.892	-3.9918	95	39.8	6.33	8.03E+02	89.47
6387	11.892	-3.9918	95	63.1	10.04	1.26E+03	89.65
6388	11.892	-3.9918	95	100	15.92	1.97E+03	89
6389	11.892	-3.9918	105	1	0.16	7.28E+00	92.42
6390	11.892	-3.9918	105	1.59	0.25	1.20E+01	87.99
6391	11.892	-3.9918	105	2.51	0.4	1.90E+01	89.69
6392	11.892	-3.9918	105	3.98	0.63	2.98E+01	89.9
6393	11.892	-3.9918	105	6.31	1	4.72E+01	89.83
6394	11.892	-3.9918	105	10	1.59	7.51E+01	89.38
6395	11.892	-3.9918	105	15.9	2.53	1.18E+02	90.18
6396	11.892	-3.9918	105	25.1	3.99	1.93E+02	89.06
6397	11.892	-3.9918	105	39.8	6.33	2.97E+02	89.85
6398	11.892	-3.9918	105	63.1	10.04	4.69E+02	89.93
6399	11.892	-3.9918	105	100	15.92	7.38E+02	89.76
6400	11.892	-3.9918	115	1	0.16	3.46E+00	93.04
6401	11.892	-3.9918	115	1.59	0.25	5.31E+00	87.55
6402	11.892	-3.9918	115	2.51	0.4	8.26E+00	89.06
6403	11.892	-3.9918	115	3.98	0.63	1.31E+01	89.52
6404	11.892	-3.9918	115	6.31	1	2.06E+01	89.55
6405	11.892	-3.9918	115	10	1.59	3.26E+01	89.63
6406	11.892	-3.9918	115	15.9	2.53	5.15E+01	88.99
6407	11.892	-3.9918	115	25.1	3.99	8.24E+01	89.39
6408	11.892	-3.9918	115	39.8	6.33	1.30E+02	89.45
6409	11.892	-3.9918	115	63.1	10.04	2.05E+02	89.81
6410	11.892	-3.9918	115	100	15.92	3.23E+02	89.99
6411	11.871	-3.9759	15	1	0.16	2.68E+07	43.2
6412	11.871	-3.9759	15	1.59	0.25	3.28E+07	41.08
6413	11.871	-3.9759	15	2.51	0.4	3.99E+07	39.36
6414	11.871	-3.9759	15	3.98	0.63	4.82E+07	38
6415	11.871	-3.9759	15	6.31	1	5.82E+07	35.68
6416	11.871	-3.9759	15	10	1.59	6.98E+07	34.59
6417	11.871	-3.9759	15	15.9	2.53	8.22E+07	32.98
6418	11.871	-3.9759	15	25.1	3.99	9.48E+07	31.78
6419	11.871	-3.9759	15	39.8	6.33	1.13E+08	29.68

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6420	11.871	-3.9759	15	63.1	10.04	1.30E+08	28.99
6421	11.871	-3.9759	15	100	15.92	1.49E+08	25.21
6422	11.871	-3.9759	25	1	0.16	4.92E+06	56.32
6423	11.871	-3.9759	25	1.59	0.25	6.54E+06	54.6
6424	11.871	-3.9759	25	2.51	0.4	8.59E+06	52.4
6425	11.871	-3.9759	25	3.98	0.63	1.10E+07	51.04
6426	11.871	-3.9759	25	6.31	1	1.43E+07	49.1
6427	11.871	-3.9759	25	10	1.59	1.87E+07	45.77
6428	11.871	-3.9759	25	15.9	2.53	2.36E+07	44.74
6429	11.871	-3.9759	25	25.1	3.99	2.93E+07	43.48
6430	11.871	-3.9759	25	39.8	6.33	3.59E+07	41.73
6431	11.871	-3.9759	25	63.1	10.04	4.43E+07	40.81
6432	11.871	-3.9759	25	100	15.92	5.39E+07	37.83
6433	11.871	-3.9759	35	1	0.16	7.02E+05	67.77
6434	11.871	-3.9759	35	1.59	0.25	9.90E+05	65.59
6435	11.871	-3.9759	35	2.51	0.4	1.38E+06	64.02
6436	11.871	-3.9759	35	3.98	0.63	1.91E+06	62.45
6437	11.871	-3.9759	35	6.31	1	2.62E+06	60.82
6438	11.871	-3.9759	35	10	1.59	3.62E+06	59.37
6439	11.871	-3.9759	35	15.9	2.53	4.84E+06	57.92
6440	11.871	-3.9759	35	25.1	3.99	6.43E+06	56.44
6441	11.871	-3.9759	35	39.8	6.33	8.52E+06	54.49
6442	11.871	-3.9759	35	63.1	10.04	1.11E+07	52.6
6443	11.871	-3.9759	35	100	15.92	1.44E+07	50.81
6444	11.871	-3.9759	45	1	0.16	8.61E+04	75.8
6445	11.871	-3.9759	45	1.59	0.25	1.25E+05	74.24
6446	11.871	-3.9759	45	2.51	0.4	1.82E+05	73.07
6447	11.871	-3.9759	45	3.98	0.63	2.61E+05	71.9
6448	11.871	-3.9759	45	6.31	1	3.69E+05	70.76
6449	11.871	-3.9759	45	10	1.59	5.49E+05	69.06
6450	11.871	-3.9759	45	15.9	2.53	7.83E+05	67.73
6451	11.871	-3.9759	45	25.1	3.99	1.10E+06	66.44
6452	11.871	-3.9759	45	39.8	6.33	1.54E+06	64.92
6453	11.871	-3.9759	45	63.1	10.04	2.13E+06	63.57
6454	11.871	-3.9759	45	100	15.92	2.92E+06	62.11
6455	11.871	-3.9759	60	1	0.16	5.19E+03	84.31
6456	11.871	-3.9759	60	1.59	0.25	7.93E+03	83.76
6457	11.871	-3.9759	60	2.51	0.4	1.22E+04	82.78

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6458	11.871	-3.9759	60	3.98	0.63	1.85E+04	81.57
6459	11.871	-3.9759	60	6.31	1	2.80E+04	80.42
6460	11.871	-3.9759	60	10	1.59	4.47E+04	79.64
6461	11.871	-3.9759	60	15.9	2.53	6.53E+04	78.79
6462	11.871	-3.9759	60	25.1	3.99	9.63E+04	78.43
6463	11.871	-3.9759	60	39.8	6.33	1.46E+05	77.1
6464	11.871	-3.9759	60	63.1	10.04	2.08E+05	75.25
6465	11.871	-3.9759	60	100	15.92	3.13E+05	75.72
6466	11.871	-3.9759	70	1	0.16	1.02E+03	87.24
6467	11.871	-3.9759	70	1.59	0.25	1.59E+03	87.02
6468	11.871	-3.9759	70	2.51	0.4	2.48E+03	86.41
6469	11.871	-3.9759	70	3.98	0.63	3.86E+03	85.58
6470	11.871	-3.9759	70	6.31	1	5.97E+03	84.6
6471	11.871	-3.9759	70	10	1.59	9.15E+03	83.74
6472	11.871	-3.9759	70	15.9	2.53	1.40E+04	83.27
6473	11.871	-3.9759	70	25.1	3.99	2.14E+04	82.34
6474	11.871	-3.9759	70	39.8	6.33	3.24E+04	81.22
6475	11.871	-3.9759	70	63.1	10.04	4.88E+04	80.43
6476	11.871	-3.9759	70	100	15.92	7.28E+04	79.75
6477	11.871	-3.9759	80	1	0.16	2.36E+02	88.61
6478	11.871	-3.9759	80	1.59	0.25	3.71E+02	88.88
6479	11.871	-3.9759	80	2.51	0.4	5.87E+02	88.55
6480	11.871	-3.9759	80	3.98	0.63	9.24E+02	88.13
6481	11.871	-3.9759	80	6.31	1	1.45E+03	87.55
6482	11.871	-3.9759	80	10	1.59	2.27E+03	87.09
6483	11.871	-3.9759	80	15.9	2.53	3.56E+03	86.25
6484	11.871	-3.9759	80	25.1	3.99	5.51E+03	85.35
6485	11.871	-3.9759	80	39.8	6.33	8.50E+03	84.81
6486	11.871	-3.9759	80	63.1	10.04	1.31E+04	84.02
6487	11.871	-3.9759	80	100	15.92	1.99E+04	83.34
6488	11.871	-3.9759	95	1	0.16	3.19E+01	90.3
6489	11.871	-3.9759	95	1.59	0.25	5.31E+01	89.54
6490	11.871	-3.9759	95	2.51	0.4	8.39E+01	89.84
6491	11.871	-3.9759	95	3.98	0.63	1.31E+02	89.82
6492	11.871	-3.9759	95	6.31	1	2.08E+02	89.54
6493	11.871	-3.9759	95	10	1.59	3.32E+02	89.83
6494	11.871	-3.9759	95	15.9	2.53	5.33E+02	89.74
6495	11.871	-3.9759	95	25.1	3.99	8.35E+02	89.18

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6496	11.871	-3.9759	95	39.8	6.33	1.30E+03	88.63
6497	11.871	-3.9759	95	63.1	10.04	2.05E+03	88.54
6498	11.871	-3.9759	95	100	15.92	3.17E+03	87.64
6499	11.871	-3.9759	105	1	0.16	1.18E+01	89.44
6500	11.871	-3.9759	105	1.59	0.25	1.88E+01	90.48
6501	11.871	-3.9759	105	2.51	0.4	2.99E+01	89.9
6502	11.871	-3.9759	105	3.98	0.63	4.77E+01	89.7
6503	11.871	-3.9759	105	6.31	1	7.52E+01	89.65
6504	11.871	-3.9759	105	10	1.59	1.17E+02	88.87
6505	11.871	-3.9759	105	15.9	2.53	1.89E+02	89.6
6506	11.871	-3.9759	105	25.1	3.99	2.94E+02	89.09
6507	11.871	-3.9759	105	39.8	6.33	4.70E+02	89.71
6508	11.871	-3.9759	105	63.1	10.04	7.44E+02	89.57
6509	11.871	-3.9759	105	100	15.92	1.16E+03	89.21
6510	11.871	-3.9759	115	1	0.16	4.75E+00	91.34
6511	11.871	-3.9759	115	1.59	0.25	7.68E+00	87.7
6512	11.871	-3.9759	115	2.51	0.4	1.24E+01	90.62
6513	11.871	-3.9759	115	3.98	0.63	1.95E+01	90.08
6514	11.871	-3.9759	115	6.31	1	3.09E+01	89.71
6515	11.871	-3.9759	115	10	1.59	4.84E+01	89.74
6516	11.871	-3.9759	115	15.9	2.53	7.79E+01	89.36
6517	11.871	-3.9759	115	25.1	3.99	1.21E+02	89.54
6518	11.871	-3.9759	115	39.8	6.33	1.93E+02	89.86
6519	11.871	-3.9759	115	63.1	10.04	3.05E+02	90.06
6520	11.871	-3.9759	115	100	15.92	4.82E+02	89.82
6521	11.51	-3.8766	15	1	0.16	1.33E+06	56.39
6522	11.51	-3.8766	15	1.59	0.25	1.77E+06	54.65
6523	11.51	-3.8766	15	2.51	0.4	2.32E+06	53.3
6524	11.51	-3.8766	15	3.98	0.63	3.03E+06	51.35
6525	11.51	-3.8766	15	6.31	1	3.94E+06	49.97
6526	11.51	-3.8766	15	10	1.59	5.19E+06	48.65
6527	11.51	-3.8766	15	15.9	2.53	6.59E+06	47.22
6528	11.51	-3.8766	15	25.1	3.99	8.37E+06	45.73
6529	11.51	-3.8766	15	39.8	6.33	1.05E+07	44.51
6530	11.51	-3.8766	15	63.1	10.04	1.30E+07	43.56
6531	11.51	-3.8766	15	100	15.92	1.60E+07	41.98
6532	11.51	-3.8766	25	1	0.16	2.17E+05	65.84
6533	11.51	-3.8766	25	1.59	0.25	3.01E+05	64.86

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6534	11.51	-3.8766	25	2.51	0.4	4.16E+05	63.23
6535	11.51	-3.8766	25	3.98	0.63	5.72E+05	61.93
6536	11.51	-3.8766	25	6.31	1	7.83E+05	60.73
6537	11.51	-3.8766	25	10	1.59	1.06E+06	59.24
6538	11.51	-3.8766	25	15.9	2.53	1.42E+06	58.08
6539	11.51	-3.8766	25	25.1	3.99	1.90E+06	56.79
6540	11.51	-3.8766	25	39.8	6.33	2.53E+06	55.26
6541	11.51	-3.8766	25	63.1	10.04	3.33E+06	54.03
6542	11.51	-3.8766	25	100	15.92	4.34E+06	52.6
6543	11.51	-3.8766	35	1	0.16	2.90E+04	75.29
6544	11.51	-3.8766	35	1.59	0.25	4.27E+04	74.2
6545	11.51	-3.8766	35	2.51	0.4	6.17E+04	72.87
6546	11.51	-3.8766	35	3.98	0.63	8.81E+04	71.68
6547	11.51	-3.8766	35	6.31	1	1.26E+05	70.63
6548	11.51	-3.8766	35	10	1.59	1.81E+05	68.92
6549	11.51	-3.8766	35	15.9	2.53	2.56E+05	67.85
6550	11.51	-3.8766	35	25.1	3.99	3.60E+05	66.62
6551	11.51	-3.8766	35	39.8	6.33	5.03E+05	65.5
6552	11.51	-3.8766	35	63.1	10.04	6.98E+05	64.46
6553	11.51	-3.8766	35	100	15.92	9.59E+05	63.39
6554	11.51	-3.8766	45	1	0.16	3.66E+03	82.87
6555	11.51	-3.8766	45	1.59	0.25	5.56E+03	82.27
6556	11.51	-3.8766	45	2.51	0.4	8.28E+03	81.37
6557	11.51	-3.8766	45	3.98	0.63	1.23E+04	80.07
6558	11.51	-3.8766	45	6.31	1	1.79E+04	79.13
6559	11.51	-3.8766	45	10	1.59	2.68E+04	76.73
6560	11.51	-3.8766	45	15.9	2.53	3.95E+04	75.81
6561	11.51	-3.8766	45	25.1	3.99	5.74E+04	74.87
6562	11.51	-3.8766	45	39.8	6.33	8.30E+04	74
6563	11.51	-3.8766	45	63.1	10.04	1.19E+05	73.12
6564	11.51	-3.8766	45	100	15.92	1.67E+05	72.43
6565	11.51	-3.8766	60	1	0.16	2.73E+02	87.73
6566	11.51	-3.8766	60	1.59	0.25	4.31E+02	87.52
6567	11.51	-3.8766	60	2.51	0.4	6.75E+02	86.62
6568	11.51	-3.8766	60	3.98	0.63	1.05E+03	86.16
6569	11.51	-3.8766	60	6.31	1	1.63E+03	85.4
6570	11.51	-3.8766	60	10	1.59	2.56E+03	84.8
6571	11.51	-3.8766	60	15.9	2.53	3.93E+03	83.78

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6572	11.51	-3.8766	60	25.1	3.99	5.99E+03	82.91
6573	11.51	-3.8766	60	39.8	6.33	9.16E+03	82.13
6574	11.51	-3.8766	60	63.1	10.04	1.39E+04	81.3
6575	11.51	-3.8766	60	100	15.92	2.08E+04	80.46
6576	11.51	-3.8766	70	1	0.16	7.59E+01	89.58
6577	11.51	-3.8766	70	1.59	0.25	1.20E+02	88.77
6578	11.51	-3.8766	70	2.51	0.4	1.88E+02	88.62
6579	11.51	-3.8766	70	3.98	0.63	2.96E+02	88.18
6580	11.51	-3.8766	70	6.31	1	4.64E+02	87.8
6581	11.51	-3.8766	70	10	1.59	7.27E+02	86.84
6582	11.51	-3.8766	70	15.9	2.53	1.14E+03	86.52
6583	11.51	-3.8766	70	25.1	3.99	1.77E+03	85.97
6584	11.51	-3.8766	70	39.8	6.33	2.74E+03	85.24
6585	11.51	-3.8766	70	63.1	10.04	4.22E+03	84.63
6586	11.51	-3.8766	70	100	15.92	6.44E+03	84.01
6587	11.51	-3.8766	80	1	0.16	2.46E+01	89.73
6588	11.51	-3.8766	80	1.59	0.25	3.88E+01	89.47
6589	11.51	-3.8766	80	2.51	0.4	6.15E+01	89.58
6590	11.51	-3.8766	80	3.98	0.63	9.72E+01	89.35
6591	11.51	-3.8766	80	6.31	1	1.53E+02	89.16
6592	11.51	-3.8766	80	10	1.59	2.47E+02	88.51
6593	11.51	-3.8766	80	15.9	2.53	3.87E+02	88.24
6594	11.51	-3.8766	80	25.1	3.99	6.08E+02	87.96
6595	11.51	-3.8766	80	39.8	6.33	9.49E+02	87.38
6596	11.51	-3.8766	80	63.1	10.04	1.48E+03	86.96
6597	11.51	-3.8766	80	100	15.92	2.29E+03	86.53
6598	11.51	-3.8766	95	1	0.16	5.22E+00	86.42
6599	11.51	-3.8766	95	1.59	0.25	8.07E+00	90.1
6600	11.51	-3.8766	95	2.51	0.4	1.27E+01	89.8
6601	11.51	-3.8766	95	3.98	0.63	2.04E+01	89.68
6602	11.51	-3.8766	95	6.31	1	3.21E+01	89.7
6603	11.51	-3.8766	95	10	1.59	5.04E+01	89.89
6604	11.51	-3.8766	95	15.9	2.53	7.99E+01	89.6
6605	11.51	-3.8766	95	25.1	3.99	1.26E+02	89.9
6606	11.51	-3.8766	95	39.8	6.33	2.00E+02	89.17
6607	11.51	-3.8766	95	63.1	10.04	3.15E+02	89.07
6608	11.51	-3.8766	95	100	15.92	4.94E+02	88.92
6609	11.51	-3.8766	105	1	0.16	2.50E+00	90.09

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6610	11.51	-3.8766	105	1.59	0.25	3.90E+00	89.75
6611	11.51	-3.8766	105	2.51	0.4	6.21E+00	89.87
6612	11.51	-3.8766	105	3.98	0.63	9.73E+00	89.85
6613	11.51	-3.8766	105	6.31	1	1.54E+01	89.72
6614	11.51	-3.8766	105	10	1.59	2.42E+01	89.66
6615	11.51	-3.8766	105	15.9	2.53	3.88E+01	89.78
6616	11.51	-3.8766	105	25.1	3.99	6.08E+01	89.56
6617	11.51	-3.8766	105	39.8	6.33	9.62E+01	89.78
6618	11.51	-3.8766	105	63.1	10.04	1.53E+02	89.44
6619	11.51	-3.8766	105	100	15.92	2.40E+02	89.38
6620	11.51	-3.8766	115	1	0.16	1.41E+00	93.53
6621	11.51	-3.8766	115	1.59	0.25	2.14E+00	92.28
6622	11.51	-3.8766	115	2.51	0.4	3.35E+00	88.86
6623	11.51	-3.8766	115	3.98	0.63	5.24E+00	89.77
6624	11.51	-3.8766	115	6.31	1	8.27E+00	89.74
6625	11.51	-3.8766	115	10	1.59	1.29E+01	89.75
6626	11.51	-3.8766	115	15.9	2.53	2.07E+01	89.52
6627	11.51	-3.8766	115	25.1	3.99	3.30E+01	89.28
6628	11.51	-3.8766	115	39.8	6.33	5.19E+01	89.79
6629	11.51	-3.8766	115	63.1	10.04	8.21E+01	89.53
6630	11.51	-3.8766	115	100	15.92	1.29E+02	89.5
6631	10.631	-3.5518	15	1	0.16	2.30E+06	48.59
6632	10.631	-3.5518	15	1.59	0.25	2.93E+06	47.19
6633	10.631	-3.5518	15	2.51	0.4	3.70E+06	45.72
6634	10.631	-3.5518	15	3.98	0.63	4.65E+06	44.86
6635	10.631	-3.5518	15	6.31	1	5.84E+06	43.55
6636	10.631	-3.5518	15	10	1.59	7.37E+06	42.93
6637	10.631	-3.5518	15	15.9	2.53	9.15E+06	42.04
6638	10.631	-3.5518	15	25.1	3.99	1.13E+07	41.01
6639	10.631	-3.5518	15	39.8	6.33	1.37E+07	39.86
6640	10.631	-3.5518	15	63.1	10.04	1.65E+07	39.17
6641	10.631	-3.5518	15	100	15.92	1.99E+07	38.83
6642	10.631	-3.5518	25	1	0.16	4.49E+05	57.82
6643	10.631	-3.5518	25	1.59	0.25	6.00E+05	56.55
6644	10.631	-3.5518	25	2.51	0.4	7.95E+05	55.06
6645	10.631	-3.5518	25	3.98	0.63	1.05E+06	54
6646	10.631	-3.5518	25	6.31	1	1.37E+06	52.76
6647	10.631	-3.5518	25	10	1.59	1.82E+06	51.76

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6648	10.631	-3.5518	25	15.9	2.53	2.36E+06	50.57
6649	10.631	-3.5518	25	25.1	3.99	3.04E+06	49.75
6650	10.631	-3.5518	25	39.8	6.33	3.89E+06	48.48
6651	10.631	-3.5518	25	63.1	10.04	4.95E+06	47.48
6652	10.631	-3.5518	25	100	15.92	6.24E+06	46.45
6653	10.631	-3.5518	35	1	0.16	7.21E+04	67.49
6654	10.631	-3.5518	35	1.59	0.25	1.00E+05	66.1
6655	10.631	-3.5518	35	2.51	0.4	1.40E+05	64.88
6656	10.631	-3.5518	35	3.98	0.63	1.93E+05	63.57
6657	10.631	-3.5518	35	6.31	1	2.65E+05	62.28
6658	10.631	-3.5518	35	10	1.59	3.69E+05	60.84
6659	10.631	-3.5518	35	15.9	2.53	5.00E+05	59.77
6660	10.631	-3.5518	35	25.1	3.99	6.74E+05	58.64
6661	10.631	-3.5518	35	39.8	6.33	9.05E+05	57.59
6662	10.631	-3.5518	35	63.1	10.04	1.21E+06	56.72
6663	10.631	-3.5518	35	100	15.92	1.60E+06	55.74
6664	10.631	-3.5518	45	1	0.16	9.77E+03	77.48
6665	10.631	-3.5518	45	1.59	0.25	1.43E+04	75.97
6666	10.631	-3.5518	45	2.51	0.4	2.08E+04	74.52
6667	10.631	-3.5518	45	3.98	0.63	2.97E+04	73.24
6668	10.631	-3.5518	45	6.31	1	4.22E+04	72.13
6669	10.631	-3.5518	45	10	1.59	6.28E+04	69.96
6670	10.631	-3.5518	45	15.9	2.53	8.96E+04	68.93
6671	10.631	-3.5518	45	25.1	3.99	1.26E+05	67.97
6672	10.631	-3.5518	45	39.8	6.33	1.77E+05	66.93
6673	10.631	-3.5518	45	63.1	10.04	2.46E+05	66.14
6674	10.631	-3.5518	45	100	15.92	3.39E+05	65.31
6675	10.631	-3.5518	60	1	0.16	7.02E+02	85.59
6676	10.631	-3.5518	60	1.59	0.25	1.09E+03	84.61
6677	10.631	-3.5518	60	2.51	0.4	1.68E+03	83.59
6678	10.631	-3.5518	60	3.98	0.63	2.57E+03	82.67
6679	10.631	-3.5518	60	6.31	1	3.91E+03	81.45
6680	10.631	-3.5518	60	10	1.59	5.93E+03	80.46
6681	10.631	-3.5518	60	15.9	2.53	8.93E+03	79.33
6682	10.631	-3.5518	60	25.1	3.99	1.33E+04	78.06
6683	10.631	-3.5518	60	39.8	6.33	1.97E+04	77.06
6684	10.631	-3.5518	60	63.1	10.04	2.90E+04	76.12
6685	10.631	-3.5518	60	100	15.92	4.23E+04	75.15

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6686	10.631	-3.5518	70	1	0.16	1.75E+02	88.34
6687	10.631	-3.5518	70	1.59	0.25	2.75E+02	87.56
6688	10.631	-3.5518	70	2.51	0.4	4.29E+02	86.87
6689	10.631	-3.5518	70	3.98	0.63	6.67E+02	86.13
6690	10.631	-3.5518	70	6.31	1	1.04E+03	85.36
6691	10.631	-3.5518	70	10	1.59	1.60E+03	84.66
6692	10.631	-3.5518	70	15.9	2.53	2.46E+03	83.54
6693	10.631	-3.5518	70	25.1	3.99	3.76E+03	82.65
6694	10.631	-3.5518	70	39.8	6.33	5.71E+03	81.69
6695	10.631	-3.5518	70	63.1	10.04	8.62E+03	80.78
6696	10.631	-3.5518	70	100	15.92	1.29E+04	79.91
6697	10.631	-3.5518	80	1	0.16	5.12E+01	89.27
6698	10.631	-3.5518	80	1.59	0.25	8.13E+01	88.93
6699	10.631	-3.5518	80	2.51	0.4	1.29E+02	88.72
6700	10.631	-3.5518	80	3.98	0.63	2.02E+02	88.45
6701	10.631	-3.5518	80	6.31	1	3.16E+02	87.99
6702	10.631	-3.5518	80	10	1.59	4.98E+02	86.97
6703	10.631	-3.5518	80	15.9	2.53	7.77E+02	86.46
6704	10.631	-3.5518	80	25.1	3.99	1.21E+03	85.71
6705	10.631	-3.5518	80	39.8	6.33	1.87E+03	85.07
6706	10.631	-3.5518	80	63.1	10.04	2.87E+03	84.42
6707	10.631	-3.5518	80	100	15.92	4.38E+03	83.67
6708	10.631	-3.5518	95	1	0.16	9.73E+00	88.33
6709	10.631	-3.5518	95	1.59	0.25	1.49E+01	88.35
6710	10.631	-3.5518	95	2.51	0.4	2.45E+01	89.24
6711	10.631	-3.5518	95	3.98	0.63	3.91E+01	90.2
6712	10.631	-3.5518	95	6.31	1	6.15E+01	89.31
6713	10.631	-3.5518	95	10	1.59	9.71E+01	89.63
6714	10.631	-3.5518	95	15.9	2.53	1.53E+02	89.14
6715	10.631	-3.5518	95	25.1	3.99	2.38E+02	87.94
6716	10.631	-3.5518	95	39.8	6.33	3.76E+02	88.43
6717	10.631	-3.5518	95	63.1	10.04	5.91E+02	87.91
6718	10.631	-3.5518	95	100	15.92	9.15E+02	87.46
6719	10.631	-3.5518	105	1	0.16	4.13E+00	91.55
6720	10.631	-3.5518	105	1.59	0.25	6.78E+00	89.85
6721	10.631	-3.5518	105	2.51	0.4	1.05E+01	89.09
6722	10.631	-3.5518	105	3.98	0.63	1.67E+01	89.86
6723	10.631	-3.5518	105	6.31	1	2.64E+01	89.7

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6724	10.631	-3.5518	105	10	1.59	4.16E+01	90.01
6725	10.631	-3.5518	105	15.9	2.53	6.52E+01	89.81
6726	10.631	-3.5518	105	25.1	3.99	1.06E+02	90.42
6727	10.631	-3.5518	105	39.8	6.33	1.64E+02	89.2
6728	10.631	-3.5518	105	63.1	10.04	2.58E+02	88.79
6729	10.631	-3.5518	105	100	15.92	4.04E+02	88.5
6730	10.631	-3.5518	115	1	0.16	2.07E+00	91.07
6731	10.631	-3.5518	115	1.59	0.25	3.26E+00	88.98
6732	10.631	-3.5518	115	2.51	0.4	5.07E+00	90.25
6733	10.631	-3.5518	115	3.98	0.63	8.06E+00	89.53
6734	10.631	-3.5518	115	6.31	1	1.28E+01	89.69
6735	10.631	-3.5518	115	10	1.59	2.03E+01	90.5
6736	10.631	-3.5518	115	15.9	2.53	3.28E+01	89.33
6737	10.631	-3.5518	115	25.1	3.99	5.09E+01	91.01
6738	10.631	-3.5518	115	39.8	6.33	8.08E+01	89.33
6739	10.631	-3.5518	115	63.1	10.04	1.27E+02	89.58
6740	10.631	-3.5518	115	100	15.92	1.99E+02	89.16
6741	11.006	-3.6749	15	1	0.16	5.63E+06	38.8
6742	11.006	-3.6749	15	1.59	0.25	6.80E+06	37.79
6743	11.006	-3.6749	15	2.51	0.4	8.12E+06	36.75
6744	11.006	-3.6749	15	3.98	0.63	9.79E+06	36.22
6745	11.006	-3.6749	15	6.31	1	1.16E+07	34.98
6746	11.006	-3.6749	15	10	1.59	1.43E+07	34.08
6747	11.006	-3.6749	15	15.9	2.53	1.70E+07	33.49
6748	11.006	-3.6749	15	25.1	3.99	1.98E+07	32.43
6749	11.006	-3.6749	15	39.8	6.33	2.35E+07	32.8
6750	11.006	-3.6749	15	63.1	10.04	2.70E+07	31.48
6751	11.006	-3.6749	15	100	15.92	3.14E+07	30.42
6752	11.006	-3.6749	25	1	0.16	1.46E+06	46.86
6753	11.006	-3.6749	25	1.59	0.25	1.83E+06	45.73
6754	11.006	-3.6749	25	2.51	0.4	2.28E+06	44.54
6755	11.006	-3.6749	25	3.98	0.63	2.84E+06	43.26
6756	11.006	-3.6749	25	6.31	1	3.53E+06	42.5
6757	11.006	-3.6749	25	10	1.59	4.43E+06	41.27
6758	11.006	-3.6749	25	15.9	2.53	5.53E+06	40.95
6759	11.006	-3.6749	25	25.1	3.99	6.61E+06	39.66
6760	11.006	-3.6749	25	39.8	6.33	8.18E+06	39.05
6761	11.006	-3.6749	25	63.1	10.04	9.72E+06	38.51

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6762	11.006	-3.6749	25	100	15.92	1.17E+07	38
6763	11.006	-3.6749	35	1	0.16	3.04E+05	55.66
6764	11.006	-3.6749	35	1.59	0.25	4.03E+05	54.54
6765	11.006	-3.6749	35	2.51	0.4	5.24E+05	53.28
6766	11.006	-3.6749	35	3.98	0.63	6.83E+05	52.24
6767	11.006	-3.6749	35	6.31	1	8.80E+05	50.96
6768	11.006	-3.6749	35	10	1.59	1.15E+06	50.14
6769	11.006	-3.6749	35	15.9	2.53	1.48E+06	48.55
6770	11.006	-3.6749	35	25.1	3.99	1.88E+06	47.84
6771	11.006	-3.6749	35	39.8	6.33	2.39E+06	47.06
6772	11.006	-3.6749	35	63.1	10.04	3.00E+06	46.07
6773	11.006	-3.6749	35	100	15.92	3.76E+06	45.48
6774	11.006	-3.6749	45	1	0.16	3.98E+04	66.67
6775	11.006	-3.6749	45	1.59	0.25	5.57E+04	65.05
6776	11.006	-3.6749	45	2.51	0.4	7.68E+04	63.56
6777	11.006	-3.6749	45	3.98	0.63	1.05E+05	62.11
6778	11.006	-3.6749	45	6.31	1	1.42E+05	60.98
6779	11.006	-3.6749	45	10	1.59	1.96E+05	59.56
6780	11.006	-3.6749	45	15.9	2.53	2.63E+05	58.14
6781	11.006	-3.6749	45	25.1	3.99	3.51E+05	57.11
6782	11.006	-3.6749	45	39.8	6.33	4.67E+05	56.37
6783	11.006	-3.6749	45	63.1	10.04	6.17E+05	55.6
6784	11.006	-3.6749	45	100	15.92	8.08E+05	54.94
6785	11.006	-3.6749	60	1	0.16	2.97E+03	78.61
6786	11.006	-3.6749	60	1.59	0.25	4.43E+03	77.56
6787	11.006	-3.6749	60	2.51	0.4	6.55E+03	76
6788	11.006	-3.6749	60	3.98	0.63	9.62E+03	74.29
6789	11.006	-3.6749	60	6.31	1	1.40E+04	72.7
6790	11.006	-3.6749	60	10	1.59	2.03E+04	71.7
6791	11.006	-3.6749	60	15.9	2.53	2.92E+04	70.26
6792	11.006	-3.6749	60	25.1	3.99	4.15E+04	69.08
6793	11.006	-3.6749	60	39.8	6.33	5.83E+04	67.68
6794	11.006	-3.6749	60	63.1	10.04	8.18E+04	66.99
6795	11.006	-3.6749	60	100	15.92	1.14E+05	65.6
6796	11.006	-3.6749	70	1	0.16	6.73E+02	84.05
6797	11.006	-3.6749	70	1.59	0.25	1.03E+03	82.68
6798	11.006	-3.6749	70	2.51	0.4	1.58E+03	81.72
6799	11.006	-3.6749	70	3.98	0.63	2.40E+03	80.68

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6800	11.006	-3.6749	70	6.31	1	3.61E+03	79.33
6801	11.006	-3.6749	70	10	1.59	5.39E+03	78.17
6802	11.006	-3.6749	70	15.9	2.53	8.01E+03	76.59
6803	11.006	-3.6749	70	25.1	3.99	1.18E+04	75.24
6804	11.006	-3.6749	70	39.8	6.33	1.72E+04	74.02
6805	11.006	-3.6749	70	63.1	10.04	2.49E+04	72.68
6806	11.006	-3.6749	70	100	15.92	3.58E+04	71.74
6807	11.006	-3.6749	80	1	0.16	1.68E+02	87.99
6808	11.006	-3.6749	80	1.59	0.25	2.64E+02	86.72
6809	11.006	-3.6749	80	2.51	0.4	4.12E+02	86.16
6810	11.006	-3.6749	80	3.98	0.63	6.38E+02	85.07
6811	11.006	-3.6749	80	6.31	1	9.82E+02	84.15
6812	11.006	-3.6749	80	10	1.59	1.51E+03	82.94
6813	11.006	-3.6749	80	15.9	2.53	2.30E+03	81.81
6814	11.006	-3.6749	80	25.1	3.99	3.48E+03	80.61
6815	11.006	-3.6749	80	39.8	6.33	5.23E+03	79.43
6816	11.006	-3.6749	80	63.1	10.04	7.80E+03	78.33
6817	11.006	-3.6749	80	100	15.92	1.15E+04	77.28
6818	11.006	-3.6749	95	1	0.16	2.64E+01	90.4
6819	11.006	-3.6749	95	1.59	0.25	4.16E+01	89.42
6820	11.006	-3.6749	95	2.51	0.4	6.45E+01	87.84
6821	11.006	-3.6749	95	3.98	0.63	1.02E+02	88.79
6822	11.006	-3.6749	95	6.31	1	1.61E+02	88.12
6823	11.006	-3.6749	95	10	1.59	2.54E+02	87.13
6824	11.006	-3.6749	95	15.9	2.53	3.99E+02	87.04
6825	11.006	-3.6749	95	25.1	3.99	6.17E+02	86.64
6826	11.006	-3.6749	95	39.8	6.33	9.54E+02	86.06
6827	11.006	-3.6749	95	63.1	10.04	1.47E+03	84.91
6828	11.006	-3.6749	95	100	15.92	2.25E+03	84.26
6829	11.006	-3.6749	105	1	0.16	9.79E+00	90.74
6830	11.006	-3.6749	105	1.59	0.25	1.56E+01	89.96
6831	11.006	-3.6749	105	2.51	0.4	2.48E+01	89.73
6832	11.006	-3.6749	105	3.98	0.63	3.90E+01	89.16
6833	11.006	-3.6749	105	6.31	1	6.15E+01	89.2
6834	11.006	-3.6749	105	10	1.59	9.64E+01	89.9
6835	11.006	-3.6749	105	15.9	2.53	1.52E+02	88.72
6836	11.006	-3.6749	105	25.1	3.99	2.43E+02	88.71
6837	11.006	-3.6749	105	39.8	6.33	3.75E+02	87.65

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6838	11.006	-3.6749	105	63.1	10.04	5.87E+02	87.22
6839	11.006	-3.6749	105	100	15.92	9.10E+02	86.55
6840	11.006	-3.6749	115	1	0.16	4.09E+00	89.65
6841	11.006	-3.6749	115	1.59	0.25	7.10E+00	89.57
6842	11.006	-3.6749	115	2.51	0.4	1.07E+01	89.09
6843	11.006	-3.6749	115	3.98	0.63	1.69E+01	89.58
6844	11.006	-3.6749	115	6.31	1	2.69E+01	89.63
6845	11.006	-3.6749	115	10	1.59	4.29E+01	89.78
6846	11.006	-3.6749	115	15.9	2.53	6.83E+01	88.56
6847	11.006	-3.6749	115	25.1	3.99	1.08E+02	88.56
6848	11.006	-3.6749	115	39.8	6.33	1.69E+02	88.77
6849	11.006	-3.6749	115	63.1	10.04	2.65E+02	88.58
6850	11.006	-3.6749	115	100	15.92	4.16E+02	88.05
6851	10.659	-3.5444	15	1	0.16	5.63E+06	37.26
6852	10.659	-3.5444	15	1.59	0.25	6.75E+06	36.17
6853	10.659	-3.5444	15	2.51	0.4	8.10E+06	35.53
6854	10.659	-3.5444	15	3.98	0.63	9.59E+06	34.55
6855	10.659	-3.5444	15	6.31	1	1.14E+07	33.88
6856	10.659	-3.5444	15	10	1.59	1.35E+07	33.26
6857	10.659	-3.5444	15	15.9	2.53	1.60E+07	32.92
6858	10.659	-3.5444	15	25.1	3.99	1.86E+07	32.37
6859	10.659	-3.5444	15	39.8	6.33	2.19E+07	31.84
6860	10.659	-3.5444	15	63.1	10.04	2.56E+07	31.55
6861	10.659	-3.5444	15	100	15.92	2.98E+07	31.04
6862	10.659	-3.5444	25	1	0.16	1.52E+06	44.62
6863	10.659	-3.5444	25	1.59	0.25	1.89E+06	43.27
6864	10.659	-3.5444	25	2.51	0.4	2.34E+06	42.34
6865	10.659	-3.5444	25	3.98	0.63	2.88E+06	41.29
6866	10.659	-3.5444	25	6.31	1	3.55E+06	40.43
6867	10.659	-3.5444	25	10	1.59	4.39E+06	39.6
6868	10.659	-3.5444	25	15.9	2.53	5.32E+06	38.88
6869	10.659	-3.5444	25	25.1	3.99	6.48E+06	38.59
6870	10.659	-3.5444	25	39.8	6.33	7.83E+06	37.98
6871	10.659	-3.5444	25	63.1	10.04	9.36E+06	37.16
6872	10.659	-3.5444	25	100	15.92	1.12E+07	36.84
6873	10.659	-3.5444	35	1	0.16	3.38E+05	52.34
6874	10.659	-3.5444	35	1.59	0.25	4.40E+05	51.32
6875	10.659	-3.5444	35	2.51	0.4	5.68E+05	49.94

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6876	10.659	-3.5444	35	3.98	0.63	7.32E+05	48.86
6877	10.659	-3.5444	35	6.31	1	9.34E+05	47.72
6878	10.659	-3.5444	35	10	1.59	1.18E+06	46.85
6879	10.659	-3.5444	35	15.9	2.53	1.50E+06	45.79
6880	10.659	-3.5444	35	25.1	3.99	1.89E+06	45.13
6881	10.659	-3.5444	35	39.8	6.33	2.36E+06	44.57
6882	10.659	-3.5444	35	63.1	10.04	2.93E+06	43.88
6883	10.659	-3.5444	35	100	15.92	3.64E+06	43.42
6884	10.659	-3.5444	45	1	0.16	6.31E+04	62.72
6885	10.659	-3.5444	45	1.59	0.25	8.66E+04	61.45
6886	10.659	-3.5444	45	2.51	0.4	1.17E+05	59.93
6887	10.659	-3.5444	45	3.98	0.63	1.57E+05	58.44
6888	10.659	-3.5444	45	6.31	1	2.10E+05	57.22
6889	10.659	-3.5444	45	10	1.59	2.84E+05	55.9
6890	10.659	-3.5444	45	15.9	2.53	3.75E+05	54.55
6891	10.659	-3.5444	45	25.1	3.99	4.94E+05	53.71
6892	10.659	-3.5444	45	39.8	6.33	6.45E+05	52.81
6893	10.659	-3.5444	45	63.1	10.04	8.36E+05	52.04
6894	10.659	-3.5444	45	100	15.92	1.08E+06	51.32
6895	10.659	-3.5444	60	1	0.16	5.08E+03	75.87
6896	10.659	-3.5444	60	1.59	0.25	7.48E+03	73.85
6897	10.659	-3.5444	60	2.51	0.4	1.08E+04	72.06
6898	10.659	-3.5444	60	3.98	0.63	1.55E+04	70.3
6899	10.659	-3.5444	60	6.31	1	2.21E+04	68.84
6900	10.659	-3.5444	60	10	1.59	3.17E+04	67.71
6901	10.659	-3.5444	60	15.9	2.53	4.42E+04	66.49
6902	10.659	-3.5444	60	25.1	3.99	6.07E+04	65.06
6903	10.659	-3.5444	60	39.8	6.33	8.48E+04	64.54
6904	10.659	-3.5444	60	63.1	10.04	1.17E+05	63.35
6905	10.659	-3.5444	60	100	15.92	1.60E+05	62.67
6906	10.659	-3.5444	70	1	0.16	1.11E+03	81.94
6907	10.659	-3.5444	70	1.59	0.25	1.67E+03	80.5
6908	10.659	-3.5444	70	2.51	0.4	2.52E+03	79.09
6909	10.659	-3.5444	70	3.98	0.63	3.77E+03	77.6
6910	10.659	-3.5444	70	6.31	1	5.57E+03	75.98
6911	10.659	-3.5444	70	10	1.59	8.31E+03	74.53
6912	10.659	-3.5444	70	15.9	2.53	1.19E+04	72.81
6913	10.659	-3.5444	70	25.1	3.99	1.73E+04	71.73

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6914	10.659	-3.5444	70	39.8	6.33	2.47E+04	70.34
6915	10.659	-3.5444	70	63.1	10.04	3.52E+04	69.36
6916	10.659	-3.5444	70	100	15.92	4.95E+04	68.21
6917	10.659	-3.5444	80	1	0.16	2.72E+02	86.02
6918	10.659	-3.5444	80	1.59	0.25	4.23E+02	85.39
6919	10.659	-3.5444	80	2.51	0.4	6.56E+02	84.34
6920	10.659	-3.5444	80	3.98	0.63	1.01E+03	83.13
6921	10.659	-3.5444	80	6.31	1	1.53E+03	81.95
6922	10.659	-3.5444	80	10	1.59	2.31E+03	80.77
6923	10.659	-3.5444	80	15.9	2.53	3.48E+03	79.25
6924	10.659	-3.5444	80	25.1	3.99	5.18E+03	77.94
6925	10.659	-3.5444	80	39.8	6.33	7.69E+03	76.64
6926	10.659	-3.5444	80	63.1	10.04	1.12E+04	75.41
6927	10.659	-3.5444	80	100	15.92	1.63E+04	74.26
6928	10.659	-3.5444	95	1	0.16	3.85E+01	84.32
6929	10.659	-3.5444	95	1.59	0.25	5.80E+01	90.09
6930	10.659	-3.5444	95	2.51	0.4	9.62E+01	89.31
6931	10.659	-3.5444	95	3.98	0.63	1.53E+02	87.16
6932	10.659	-3.5444	95	6.31	1	2.39E+02	87.32
6933	10.659	-3.5444	95	10	1.59	3.70E+02	86.75
6934	10.659	-3.5444	95	15.9	2.53	6.06E+02	84.82
6935	10.659	-3.5444	95	25.1	3.99	9.12E+02	85.85
6936	10.659	-3.5444	95	39.8	6.33	1.38E+03	84.96
6937	10.659	-3.5444	95	63.1	10.04	2.13E+03	82.3
6938	10.659	-3.5444	95	100	15.92	3.20E+03	83.12
6939	10.659	-3.5444	105	1	0.16	1.55E+01	87.06
6940	10.659	-3.5444	105	1.59	0.25	2.20E+01	93.39
6941	10.659	-3.5444	105	2.51	0.4	3.52E+01	89.29
6942	10.659	-3.5444	105	3.98	0.63	5.57E+01	88.83
6943	10.659	-3.5444	105	6.31	1	8.80E+01	88.66
6944	10.659	-3.5444	105	10	1.59	1.39E+02	88.38
6945	10.659	-3.5444	105	15.9	2.53	2.22E+02	87.54
6946	10.659	-3.5444	105	25.1	3.99	3.51E+02	88.69
6947	10.659	-3.5444	105	39.8	6.33	5.33E+02	86.48
6948	10.659	-3.5444	105	63.1	10.04	8.34E+02	86.8
6949	10.659	-3.5444	105	100	15.92	1.28E+03	85.33
6950	10.659	-3.5444	115	1	0.16	6.52E+00	83.08
6951	10.659	-3.5444	115	1.59	0.25	9.63E+00	90.49

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6952	10.659	-3.5444	115	2.51	0.4	1.46E+01	90.41
6953	10.659	-3.5444	115	3.98	0.63	2.41E+01	89.12
6954	10.659	-3.5444	115	6.31	1	3.75E+01	89.51
6955	10.659	-3.5444	115	10	1.59	5.95E+01	88.58
6956	10.659	-3.5444	115	15.9	2.53	9.47E+01	91.99
6957	10.659	-3.5444	115	25.1	3.99	1.51E+02	87.54
6958	10.659	-3.5444	115	39.8	6.33	2.34E+02	88.1
6959	10.659	-3.5444	115	63.1	10.04	3.64E+02	87.92
6960	10.659	-3.5444	115	100	15.92	5.67E+02	87.22
6961	10.869	-3.6295	15	1	0.16	3.84E+06	46.73
6962	10.869	-3.6295	15	1.59	0.25	4.88E+06	44.8
6963	10.869	-3.6295	15	2.51	0.4	6.05E+06	43.57
6964	10.869	-3.6295	15	3.98	0.63	7.46E+06	42.25
6965	10.869	-3.6295	15	6.31	1	9.26E+06	40.74
6966	10.869	-3.6295	15	10	1.59	1.16E+07	40.88
6967	10.869	-3.6295	15	15.9	2.53	1.41E+07	39.26
6968	10.869	-3.6295	15	25.1	3.99	1.72E+07	38.72
6969	10.869	-3.6295	15	39.8	6.33	2.08E+07	37.47
6970	10.869	-3.6295	15	63.1	10.04	2.47E+07	36.86
6971	10.869	-3.6295	15	100	15.92	2.94E+07	36.48
6972	10.869	-3.6295	25	1	0.16	8.02E+05	54.73
6973	10.869	-3.6295	25	1.59	0.25	1.06E+06	53.78
6974	10.869	-3.6295	25	2.51	0.4	1.38E+06	52.47
6975	10.869	-3.6295	25	3.98	0.63	1.79E+06	51.17
6976	10.869	-3.6295	25	6.31	1	2.31E+06	49.79
6977	10.869	-3.6295	25	10	1.59	2.98E+06	48.72
6978	10.869	-3.6295	25	15.9	2.53	3.80E+06	47.68
6979	10.869	-3.6295	25	25.1	3.99	4.80E+06	46.67
6980	10.869	-3.6295	25	39.8	6.33	6.06E+06	45.54
6981	10.869	-3.6295	25	63.1	10.04	7.59E+06	44.71
6982	10.869	-3.6295	25	100	15.92	9.43E+06	43.84
6983	10.869	-3.6295	35	1	0.16	1.26E+05	65.23
6984	10.869	-3.6295	35	1.59	0.25	1.75E+05	63.73
6985	10.869	-3.6295	35	2.51	0.4	2.39E+05	62.33
6986	10.869	-3.6295	35	3.98	0.63	3.29E+05	60.92
6987	10.869	-3.6295	35	6.31	1	4.46E+05	59.88
6988	10.869	-3.6295	35	10	1.59	6.11E+05	58.53
6989	10.869	-3.6295	35	15.9	2.53	8.21E+05	57.28

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
6990	10.869	-3.6295	35	25.1	3.99	1.09E+06	56.18
6991	10.869	-3.6295	35	39.8	6.33	1.45E+06	55.07
6992	10.869	-3.6295	35	63.1	10.04	1.90E+06	54.07
6993	10.869	-3.6295	35	100	15.92	2.48E+06	53.04
6994	10.869	-3.6295	45	1	0.16	1.91E+04	75.33
6995	10.869	-3.6295	45	1.59	0.25	2.78E+04	73.57
6996	10.869	-3.6295	45	2.51	0.4	4.03E+04	72.13
6997	10.869	-3.6295	45	3.98	0.63	5.80E+04	70.74
6998	10.869	-3.6295	45	6.31	1	8.27E+04	69.47
6999	10.869	-3.6295	45	10	1.59	1.21E+05	68.73
7000	10.869	-3.6295	45	15.9	2.53	1.71E+05	67.69
7001	10.869	-3.6295	45	25.1	3.99	2.39E+05	66.67
7002	10.869	-3.6295	45	39.8	6.33	3.34E+05	65.69
7003	10.869	-3.6295	45	63.1	10.04	4.66E+05	64.99
7004	10.869	-3.6295	45	100	15.92	6.52E+05	64.15
7005	10.869	-3.6295	60	1	0.16	1.35E+03	84.48
7006	10.869	-3.6295	60	1.59	0.25	2.09E+03	83.35
7007	10.869	-3.6295	60	2.51	0.4	3.19E+03	82.24
7008	10.869	-3.6295	60	3.98	0.63	4.84E+03	80.96
7009	10.869	-3.6295	60	6.31	1	7.29E+03	79.72
7010	10.869	-3.6295	60	10	1.59	1.09E+04	79.07
7011	10.869	-3.6295	60	15.9	2.53	1.62E+04	77.7
7012	10.869	-3.6295	60	25.1	3.99	2.41E+04	76.68
7013	10.869	-3.6295	60	39.8	6.33	3.51E+04	75.14
7014	10.869	-3.6295	60	63.1	10.04	5.10E+04	74.17
7015	10.869	-3.6295	60	100	15.92	7.36E+04	73.35
7016	10.869	-3.6295	70	1	0.16	3.18E+02	87.55
7017	10.869	-3.6295	70	1.59	0.25	4.97E+02	86.64
7018	10.869	-3.6295	70	2.51	0.4	7.73E+02	86.11
7019	10.869	-3.6295	70	3.98	0.63	1.20E+03	85.14
7020	10.869	-3.6295	70	6.31	1	1.85E+03	84.25
7021	10.869	-3.6295	70	10	1.59	2.83E+03	83.21
7022	10.869	-3.6295	70	15.9	2.53	4.34E+03	82.3
7023	10.869	-3.6295	70	25.1	3.99	6.58E+03	81.26
7024	10.869	-3.6295	70	39.8	6.33	9.92E+03	80.17
7025	10.869	-3.6295	70	63.1	10.04	1.49E+04	79.16
7026	10.869	-3.6295	70	100	15.92	2.20E+04	78.19
7027	10.869	-3.6295	80	1	0.16	8.81E+01	88.77

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7028	10.869	-3.6295	80	1.59	0.25	1.39E+02	88.67
7029	10.869	-3.6295	80	2.51	0.4	2.19E+02	88.34
7030	10.869	-3.6295	80	3.98	0.63	3.44E+02	87.75
7031	10.869	-3.6295	80	6.31	1	5.38E+02	87.21
7032	10.869	-3.6295	80	10	1.59	8.46E+02	86.48
7033	10.869	-3.6295	80	15.9	2.53	1.33E+03	85.67
7034	10.869	-3.6295	80	25.1	3.99	2.05E+03	84.89
7035	10.869	-3.6295	80	39.8	6.33	3.16E+03	84.06
7036	10.869	-3.6295	80	63.1	10.04	4.84E+03	83.24
7037	10.869	-3.6295	80	100	15.92	7.35E+03	82.44
7038	10.869	-3.6295	95	1	0.16	1.62E+01	90.18
7039	10.869	-3.6295	95	1.59	0.25	2.57E+01	91.13
7040	10.869	-3.6295	95	2.51	0.4	4.09E+01	89.83
7041	10.869	-3.6295	95	3.98	0.63	6.46E+01	89.72
7042	10.869	-3.6295	95	6.31	1	1.02E+02	89.19
7043	10.869	-3.6295	95	10	1.59	1.61E+02	88.93
7044	10.869	-3.6295	95	15.9	2.53	2.54E+02	88.53
7045	10.869	-3.6295	95	25.1	3.99	3.98E+02	88.29
7046	10.869	-3.6295	95	39.8	6.33	6.24E+02	87.48
7047	10.869	-3.6295	95	63.1	10.04	9.71E+02	87.11
7048	10.869	-3.6295	95	100	15.92	1.51E+03	86.63
7049	10.869	-3.6295	105	1	0.16	6.72E+00	89.51
7050	10.869	-3.6295	105	1.59	0.25	1.05E+01	90.23
7051	10.869	-3.6295	105	2.51	0.4	1.63E+01	90.51
7052	10.869	-3.6295	105	3.98	0.63	2.62E+01	89.65
7053	10.869	-3.6295	105	6.31	1	4.16E+01	89.64
7054	10.869	-3.6295	105	10	1.59	6.58E+01	89.47
7055	10.869	-3.6295	105	15.9	2.53	1.04E+02	89.29
7056	10.869	-3.6295	105	25.1	3.99	1.64E+02	89
7057	10.869	-3.6295	105	39.8	6.33	2.58E+02	88.8
7058	10.869	-3.6295	105	63.1	10.04	4.06E+02	88.45
7059	10.869	-3.6295	105	100	15.92	6.34E+02	88.06
7060	10.869	-3.6295	115	1	0.16	3.30E+00	92.07
7061	10.869	-3.6295	115	1.59	0.25	5.20E+00	92.33
7062	10.869	-3.6295	115	2.51	0.4	7.68E+00	90.68
7063	10.869	-3.6295	115	3.98	0.63	1.23E+01	90.09
7064	10.869	-3.6295	115	6.31	1	1.96E+01	89.69
7065	10.869	-3.6295	115	10	1.59	3.11E+01	89.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7066	10.869	-3.6295	115	15.9	2.53	4.91E+01	89.47
7067	10.869	-3.6295	115	25.1	3.99	7.77E+01	89.5
7068	10.869	-3.6295	115	39.8	6.33	1.23E+02	89.4
7069	10.869	-3.6295	115	63.1	10.04	1.94E+02	89.22
7070	10.869	-3.6295	115	100	15.92	3.04E+02	88.99
7071	10.642	-3.542	15	1	0.16	6.16E+06	41.38
7072	10.642	-3.542	15	1.59	0.25	7.52E+06	39.71
7073	10.642	-3.542	15	2.51	0.4	9.10E+06	38.54
7074	10.642	-3.542	15	3.98	0.63	1.10E+07	37.61
7075	10.642	-3.542	15	6.31	1	1.33E+07	36.66
7076	10.642	-3.542	15	10	1.59	1.61E+07	36.1
7077	10.642	-3.542	15	15.9	2.53	1.93E+07	36.09
7078	10.642	-3.542	15	25.1	3.99	2.31E+07	34.52
7079	10.642	-3.542	15	39.8	6.33	2.77E+07	33.24
7080	10.642	-3.542	15	63.1	10.04	3.23E+07	32.81
7081	10.642	-3.542	15	100	15.92	3.81E+07	30.85
7082	10.642	-3.542	25	1	0.16	1.52E+06	48.83
7083	10.642	-3.542	25	1.59	0.25	1.95E+06	47.46
7084	10.642	-3.542	25	2.51	0.4	2.44E+06	47.13
7085	10.642	-3.542	25	3.98	0.63	3.09E+06	45.43
7086	10.642	-3.542	25	6.31	1	3.89E+06	44.27
7087	10.642	-3.542	25	10	1.59	4.88E+06	43.49
7088	10.642	-3.542	25	15.9	2.53	6.18E+06	43.2
7089	10.642	-3.542	25	25.1	3.99	7.50E+06	41.63
7090	10.642	-3.542	25	39.8	6.33	9.20E+06	40.83
7091	10.642	-3.542	25	63.1	10.04	1.13E+07	40.4
7092	10.642	-3.542	25	100	15.92	1.36E+07	39.36
7093	10.642	-3.542	35	1	0.16	2.96E+05	58.03
7094	10.642	-3.542	35	1.59	0.25	3.95E+05	56.77
7095	10.642	-3.542	35	2.51	0.4	5.24E+05	55.3
7096	10.642	-3.542	35	3.98	0.63	6.91E+05	54.04
7097	10.642	-3.542	35	6.31	1	9.06E+05	52.78
7098	10.642	-3.542	35	10	1.59	1.18E+06	51.84
7099	10.642	-3.542	35	15.9	2.53	1.53E+06	50.9
7100	10.642	-3.542	35	25.1	3.99	1.96E+06	49.48
7101	10.642	-3.542	35	39.8	6.33	2.52E+06	49.02
7102	10.642	-3.542	35	63.1	10.04	3.20E+06	48.25
7103	10.642	-3.542	35	100	15.92	4.06E+06	47.49

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7104	10.642	-3.542	45	1	0.16	4.51E+04	67.96
7105	10.642	-3.542	45	1.59	0.25	6.33E+04	66.66
7106	10.642	-3.542	45	2.51	0.4	8.81E+04	65.16
7107	10.642	-3.542	45	3.98	0.63	1.22E+05	63.65
7108	10.642	-3.542	45	6.31	1	1.67E+05	62.42
7109	10.642	-3.542	45	10	1.59	2.35E+05	61.05
7110	10.642	-3.542	45	15.9	2.53	3.19E+05	59.61
7111	10.642	-3.542	45	25.1	3.99	4.32E+05	58.75
7112	10.642	-3.542	45	39.8	6.33	5.77E+05	57.63
7113	10.642	-3.542	45	63.1	10.04	7.71E+05	56.78
7114	10.642	-3.542	45	100	15.92	1.02E+06	55.98
7115	10.642	-3.542	60	1	0.16	3.55E+03	79.73
7116	10.642	-3.542	60	1.59	0.25	5.28E+03	78.28
7117	10.642	-3.542	60	2.51	0.4	7.84E+03	76.68
7118	10.642	-3.542	60	3.98	0.63	1.16E+04	75.25
7119	10.642	-3.542	60	6.31	1	1.69E+04	73.57
7120	10.642	-3.542	60	10	1.59	2.48E+04	72.46
7121	10.642	-3.542	60	15.9	2.53	3.56E+04	71.2
7122	10.642	-3.542	60	25.1	3.99	5.10E+04	69.99
7123	10.642	-3.542	60	39.8	6.33	7.28E+04	68.76
7124	10.642	-3.542	60	63.1	10.04	1.02E+05	67.84
7125	10.642	-3.542	60	100	15.92	1.43E+05	66.99
7126	10.642	-3.542	70	1	0.16	7.98E+02	84.41
7127	10.642	-3.542	70	1.59	0.25	1.23E+03	83.82
7128	10.642	-3.542	70	2.51	0.4	1.88E+03	82.47
7129	10.642	-3.542	70	3.98	0.63	2.86E+03	81.21
7130	10.642	-3.542	70	6.31	1	4.32E+03	79.95
7131	10.642	-3.542	70	10	1.59	6.47E+03	78.87
7132	10.642	-3.542	70	15.9	2.53	9.59E+03	77.37
7133	10.642	-3.542	70	25.1	3.99	1.42E+04	75.87
7134	10.642	-3.542	70	39.8	6.33	2.08E+04	74.77
7135	10.642	-3.542	70	63.1	10.04	3.03E+04	73.63
7136	10.642	-3.542	70	100	15.92	4.36E+04	72.64
7137	10.642	-3.542	80	1	0.16	2.01E+02	87.63
7138	10.642	-3.542	80	1.59	0.25	3.13E+02	87.15
7139	10.642	-3.542	80	2.51	0.4	4.89E+02	86.22
7140	10.642	-3.542	80	3.98	0.63	7.62E+02	85.41
7141	10.642	-3.542	80	6.31	1	1.18E+03	84.49

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7142	10.642	-3.542	80	10	1.59	1.81E+03	83.28
7143	10.642	-3.542	80	15.9	2.53	2.76E+03	82.44
7144	10.642	-3.542	80	25.1	3.99	4.20E+03	81.31
7145	10.642	-3.542	80	39.8	6.33	6.32E+03	80.14
7146	10.642	-3.542	80	63.1	10.04	9.47E+03	79.01
7147	10.642	-3.542	80	100	15.92	1.40E+04	77.92
7148	10.642	-3.542	95	1	0.16	3.20E+01	86.93
7149	10.642	-3.542	95	1.59	0.25	5.27E+01	86.73
7150	10.642	-3.542	95	2.51	0.4	8.25E+01	88.75
7151	10.642	-3.542	95	3.98	0.63	1.28E+02	88.44
7152	10.642	-3.542	95	6.31	1	2.00E+02	87.88
7153	10.642	-3.542	95	10	1.59	3.16E+02	87.5
7154	10.642	-3.542	95	15.9	2.53	4.94E+02	86.98
7155	10.642	-3.542	95	25.1	3.99	7.66E+02	86.21
7156	10.642	-3.542	95	39.8	6.33	1.19E+03	85.46
7157	10.642	-3.542	95	63.1	10.04	1.83E+03	84.85
7158	10.642	-3.542	95	100	15.92	2.80E+03	84
7159	10.642	-3.542	105	1	0.16	1.15E+01	89.59
7160	10.642	-3.542	105	1.59	0.25	1.92E+01	90
7161	10.642	-3.542	105	2.51	0.4	3.09E+01	89.02
7162	10.642	-3.542	105	3.98	0.63	4.90E+01	89.22
7163	10.642	-3.542	105	6.31	1	7.74E+01	89.11
7164	10.642	-3.542	105	10	1.59	1.23E+02	89.7
7165	10.642	-3.542	105	15.9	2.53	1.93E+02	88.85
7166	10.642	-3.542	105	25.1	3.99	3.04E+02	88.25
7167	10.642	-3.542	105	39.8	6.33	4.73E+02	87.78
7168	10.642	-3.542	105	63.1	10.04	7.39E+02	87.37
7169	10.642	-3.542	105	100	15.92	1.14E+03	86.81
7170	10.642	-3.542	115	1	0.16	5.51E+00	85.49
7171	10.642	-3.542	115	1.59	0.25	8.42E+00	89.24
7172	10.642	-3.542	115	2.51	0.4	1.33E+01	91.18
7173	10.642	-3.542	115	3.98	0.63	2.08E+01	90.22
7174	10.642	-3.542	115	6.31	1	3.30E+01	89.39
7175	10.642	-3.542	115	10	1.59	5.20E+01	89.43
7176	10.642	-3.542	115	15.9	2.53	8.19E+01	89.24
7177	10.642	-3.542	115	25.1	3.99	1.29E+02	88.97
7178	10.642	-3.542	115	39.8	6.33	2.03E+02	88.71
7179	10.642	-3.542	115	63.1	10.04	3.20E+02	88.37

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7180	10.642	-3.542	115	100	15.92	4.99E+02	87.95
7181	10.013	-3.3005	15	1	0.16	7.15E+06	33.98
7182	10.013	-3.3005	15	1.59	0.25	8.48E+06	32.96
7183	10.013	-3.3005	15	2.51	0.4	1.01E+07	32.41
7184	10.013	-3.3005	15	3.98	0.63	1.18E+07	31.9
7185	10.013	-3.3005	15	6.31	1	1.37E+07	31.21
7186	10.013	-3.3005	15	10	1.59	1.62E+07	30.33
7187	10.013	-3.3005	15	15.9	2.53	1.89E+07	29.77
7188	10.013	-3.3005	15	25.1	3.99	2.16E+07	29.36
7189	10.013	-3.3005	15	39.8	6.33	2.52E+07	29.27
7190	10.013	-3.3005	15	63.1	10.04	2.88E+07	28.54
7191	10.013	-3.3005	15	100	15.92	3.30E+07	27.97
7192	10.013	-3.3005	25	1	0.16	2.25E+06	39.53
7193	10.013	-3.3005	25	1.59	0.25	2.74E+06	38.31
7194	10.013	-3.3005	25	2.51	0.4	3.34E+06	37.73
7195	10.013	-3.3005	25	3.98	0.63	4.01E+06	36.74
7196	10.013	-3.3005	25	6.31	1	4.80E+06	36.09
7197	10.013	-3.3005	25	10	1.59	5.74E+06	35.24
7198	10.013	-3.3005	25	15.9	2.53	6.84E+06	34.81
7199	10.013	-3.3005	25	25.1	3.99	8.12E+06	34.07
7200	10.013	-3.3005	25	39.8	6.33	9.63E+06	33.66
7201	10.013	-3.3005	25	63.1	10.04	1.13E+07	33.36
7202	10.013	-3.3005	25	100	15.92	1.33E+07	32.86
7203	10.013	-3.3005	35	1	0.16	5.57E+05	48.44
7204	10.013	-3.3005	35	1.59	0.25	7.09E+05	46.25
7205	10.013	-3.3005	35	2.51	0.4	8.91E+05	45.24
7206	10.013	-3.3005	35	3.98	0.63	1.12E+06	44.29
7207	10.013	-3.3005	35	6.31	1	1.40E+06	42.96
7208	10.013	-3.3005	35	10	1.59	1.75E+06	42.31
7209	10.013	-3.3005	35	15.9	2.53	2.15E+06	41.56
7210	10.013	-3.3005	35	25.1	3.99	2.64E+06	40.61
7211	10.013	-3.3005	35	39.8	6.33	3.23E+06	40.06
7212	10.013	-3.3005	35	63.1	10.04	3.94E+06	39.53
7213	10.013	-3.3005	35	100	15.92	4.77E+06	39.17
7214	10.013	-3.3005	45	1	0.16	1.59E+05	56.7
7215	10.013	-3.3005	45	1.59	0.25	2.12E+05	55.22
7216	10.013	-3.3005	45	2.51	0.4	2.78E+05	53.86
7217	10.013	-3.3005	45	3.98	0.63	3.65E+05	52.54

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7218	10.013	-3.3005	45	6.31	1	4.74E+05	51.37
7219	10.013	-3.3005	45	10	1.59	6.19E+05	50.29
7220	10.013	-3.3005	45	15.9	2.53	7.92E+05	49.24
7221	10.013	-3.3005	45	25.1	3.99	1.02E+06	48.41
7222	10.013	-3.3005	45	39.8	6.33	1.30E+06	47.63
7223	10.013	-3.3005	45	63.1	10.04	1.64E+06	46.99
7224	10.013	-3.3005	45	100	15.92	2.07E+06	46.42
7225	10.013	-3.3005	60	1	0.16	1.65E+04	68.97
7226	10.013	-3.3005	60	1.59	0.25	2.33E+04	67.14
7227	10.013	-3.3005	60	2.51	0.4	3.26E+04	65.53
7228	10.013	-3.3005	60	3.98	0.63	4.48E+04	63.96
7229	10.013	-3.3005	60	6.31	1	6.17E+04	62.67
7230	10.013	-3.3005	60	10	1.59	8.53E+04	61.04
7231	10.013	-3.3005	60	15.9	2.53	1.16E+05	60.08
7232	10.013	-3.3005	60	25.1	3.99	1.56E+05	59.09
7233	10.013	-3.3005	60	39.8	6.33	2.08E+05	58.24
7234	10.013	-3.3005	60	63.1	10.04	2.79E+05	57.55
7235	10.013	-3.3005	60	100	15.92	3.71E+05	56.49
7236	10.013	-3.3005	70	1	0.16	3.73E+03	77.04
7237	10.013	-3.3005	70	1.59	0.25	5.48E+03	75.15
7238	10.013	-3.3005	70	2.51	0.4	8.01E+03	73.45
7239	10.013	-3.3005	70	3.98	0.63	1.16E+04	71.69
7240	10.013	-3.3005	70	6.31	1	1.65E+04	70.03
7241	10.013	-3.3005	70	10	1.59	2.41E+04	68.87
7242	10.013	-3.3005	70	15.9	2.53	3.38E+04	67.55
7243	10.013	-3.3005	70	25.1	3.99	4.75E+04	65.95
7244	10.013	-3.3005	70	39.8	6.33	6.56E+04	64.81
7245	10.013	-3.3005	70	63.1	10.04	8.99E+04	64.12
7246	10.013	-3.3005	70	100	15.92	1.25E+05	62.68
7247	10.013	-3.3005	80	1	0.16	8.69E+02	83.08
7248	10.013	-3.3005	80	1.59	0.25	1.34E+03	81.74
7249	10.013	-3.3005	80	2.51	0.4	2.03E+03	80.26
7250	10.013	-3.3005	80	3.98	0.63	3.04E+03	78.75
7251	10.013	-3.3005	80	6.31	1	4.53E+03	77.19
7252	10.013	-3.3005	80	10	1.59	6.78E+03	75.78
7253	10.013	-3.3005	80	15.9	2.53	9.87E+03	74.3
7254	10.013	-3.3005	80	25.1	3.99	1.44E+04	72.69
7255	10.013	-3.3005	80	39.8	6.33	2.06E+04	71.33

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7256	10.013	-3.3005	80	63.1	10.04	2.94E+04	70.16
7257	10.013	-3.3005	80	100	15.92	4.15E+04	68.69
7258	10.013	-3.3005	95	1	0.16	1.01E+02	86.21
7259	10.013	-3.3005	95	1.59	0.25	1.54E+02	87.47
7260	10.013	-3.3005	95	2.51	0.4	2.41E+02	86.25
7261	10.013	-3.3005	95	3.98	0.63	3.87E+02	85.74
7262	10.013	-3.3005	95	6.31	1	5.93E+02	84.93
7263	10.013	-3.3005	95	10	1.59	9.26E+02	86.25
7264	10.013	-3.3005	95	15.9	2.53	1.43E+03	83.4
7265	10.013	-3.3005	95	25.1	3.99	2.13E+03	81.26
7266	10.013	-3.3005	95	39.8	6.33	3.31E+03	81.35
7267	10.013	-3.3005	95	63.1	10.04	5.01E+03	80.75
7268	10.013	-3.3005	95	100	15.92	7.43E+03	79.13
7269	10.013	-3.3005	105	1	0.16	3.40E+01	86.44
7270	10.013	-3.3005	105	1.59	0.25	4.94E+01	91.9
7271	10.013	-3.3005	105	2.51	0.4	8.23E+01	88.43
7272	10.013	-3.3005	105	3.98	0.63	1.35E+02	88.28
7273	10.013	-3.3005	105	6.31	1	2.07E+02	87.51
7274	10.013	-3.3005	105	10	1.59	3.24E+02	88.45
7275	10.013	-3.3005	105	15.9	2.53	4.77E+02	85.08
7276	10.013	-3.3005	105	25.1	3.99	8.07E+02	84
7277	10.013	-3.3005	105	39.8	6.33	1.21E+03	85.6
7278	10.013	-3.3005	105	63.1	10.04	1.87E+03	83.68
7279	10.013	-3.3005	105	100	15.92	2.81E+03	82.95
7280	10.013	-3.3005	115	1	0.16	1.25E+01	93.35
7281	10.013	-3.3005	115	1.59	0.25	2.31E+01	86.27
7282	10.013	-3.3005	115	2.51	0.4	3.23E+01	88.09
7283	10.013	-3.3005	115	3.98	0.63	5.00E+01	88.76
7284	10.013	-3.3005	115	6.31	1	8.00E+01	88.94
7285	10.013	-3.3005	115	10	1.59	1.27E+02	89.88
7286	10.013	-3.3005	115	15.9	2.53	2.02E+02	88.6
7287	10.013	-3.3005	115	25.1	3.99	3.18E+02	86.78
7288	10.013	-3.3005	115	39.8	6.33	4.86E+02	87.46
7289	10.013	-3.3005	115	63.1	10.04	7.53E+02	86.33
7290	10.013	-3.3005	115	100	15.92	1.17E+03	85.72
7291	10.437	-3.4482	15	1	0.16	1.18E+07	30.47
7292	10.437	-3.4482	15	1.59	0.25	1.38E+07	29.79
7293	10.437	-3.4482	15	2.51	0.4	1.59E+07	29.26

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7294	10.437	-3.4482	15	3.98	0.63	1.86E+07	29.77
7295	10.437	-3.4482	15	6.31	1	2.13E+07	28.29
7296	10.437	-3.4482	15	10	1.59	2.50E+07	27.54
7297	10.437	-3.4482	15	15.9	2.53	2.81E+07	27.76
7298	10.437	-3.4482	15	25.1	3.99	3.27E+07	27.83
7299	10.437	-3.4482	15	39.8	6.33	3.63E+07	27.86
7300	10.437	-3.4482	15	63.1	10.04	4.18E+07	27.03
7301	10.437	-3.4482	15	100	15.92	4.89E+07	26.37
7302	10.437	-3.4482	25	1	0.16	3.75E+06	36.14
7303	10.437	-3.4482	25	1.59	0.25	4.48E+06	35.06
7304	10.437	-3.4482	25	2.51	0.4	5.35E+06	34.1
7305	10.437	-3.4482	25	3.98	0.63	6.34E+06	33.94
7306	10.437	-3.4482	25	6.31	1	7.50E+06	33.18
7307	10.437	-3.4482	25	10	1.59	8.91E+06	32.61
7308	10.437	-3.4482	25	15.9	2.53	1.04E+07	32.13
7309	10.437	-3.4482	25	25.1	3.99	1.22E+07	31.81
7310	10.437	-3.4482	25	39.8	6.33	1.42E+07	31.26
7311	10.437	-3.4482	25	63.1	10.04	1.66E+07	30.98
7312	10.437	-3.4482	25	100	15.92	1.93E+07	30.98
7313	10.437	-3.4482	35	1	0.16	1.01E+06	43.63
7314	10.437	-3.4482	35	1.59	0.25	1.25E+06	42.56
7315	10.437	-3.4482	35	2.51	0.4	1.54E+06	41.57
7316	10.437	-3.4482	35	3.98	0.63	1.90E+06	40.61
7317	10.437	-3.4482	35	6.31	1	2.33E+06	39.72
7318	10.437	-3.4482	35	10	1.59	2.88E+06	39.28
7319	10.437	-3.4482	35	15.9	2.53	3.50E+06	38.67
7320	10.437	-3.4482	35	25.1	3.99	4.23E+06	37.82
7321	10.437	-3.4482	35	39.8	6.33	5.10E+06	37.6
7322	10.437	-3.4482	35	63.1	10.04	6.10E+06	37.05
7323	10.437	-3.4482	35	100	15.92	7.31E+06	36.79
7324	10.437	-3.4482	45	1	0.16	2.31E+05	52.53
7325	10.437	-3.4482	45	1.59	0.25	3.01E+05	51.21
7326	10.437	-3.4482	45	2.51	0.4	3.89E+05	49.81
7327	10.437	-3.4482	45	3.98	0.63	4.97E+05	48.89
7328	10.437	-3.4482	45	6.31	1	6.36E+05	47.72
7329	10.437	-3.4482	45	10	1.59	8.15E+05	46.5
7330	10.437	-3.4482	45	15.9	2.53	1.03E+06	45.58
7331	10.437	-3.4482	45	25.1	3.99	1.29E+06	44.79

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7332	10.437	-3.4482	45	39.8	6.33	1.61E+06	44.14
7333	10.437	-3.4482	45	63.1	10.04	2.01E+06	43.52
7334	10.437	-3.4482	45	100	15.92	2.48E+06	43.02
7335	10.437	-3.4482	60	1	0.16	2.80E+04	64.37
7336	10.437	-3.4482	60	1.59	0.25	3.86E+04	62.81
7337	10.437	-3.4482	60	2.51	0.4	5.24E+04	61.05
7338	10.437	-3.4482	60	3.98	0.63	7.10E+04	59.47
7339	10.437	-3.4482	60	6.31	1	9.49E+04	58.35
7340	10.437	-3.4482	60	10	1.59	1.29E+05	55.15
7341	10.437	-3.4482	60	15.9	2.53	1.71E+05	56.59
7342	10.437	-3.4482	60	25.1	3.99	2.29E+05	56.31
7343	10.437	-3.4482	60	39.8	6.33	2.99E+05	53.88
7344	10.437	-3.4482	60	63.1	10.04	3.97E+05	53.84
7345	10.437	-3.4482	60	100	15.92	5.22E+05	51.77
7346	10.437	-3.4482	70	1	0.16	6.60E+03	73.1
7347	10.437	-3.4482	70	1.59	0.25	9.52E+03	70.88
7348	10.437	-3.4482	70	2.51	0.4	1.36E+04	68.98
7349	10.437	-3.4482	70	3.98	0.63	1.92E+04	67.22
7350	10.437	-3.4482	70	6.31	1	2.68E+04	65.55
7351	10.437	-3.4482	70	10	1.59	3.81E+04	64.98
7352	10.437	-3.4482	70	15.9	2.53	5.23E+04	63.17
7353	10.437	-3.4482	70	25.1	3.99	7.18E+04	62.07
7354	10.437	-3.4482	70	39.8	6.33	9.61E+04	60.63
7355	10.437	-3.4482	70	63.1	10.04	1.30E+05	59.97
7356	10.437	-3.4482	70	100	15.92	1.76E+05	59.36
7357	10.437	-3.4482	80	1	0.16	1.52E+03	80.7
7358	10.437	-3.4482	80	1.59	0.25	2.29E+03	78.65
7359	10.437	-3.4482	80	2.51	0.4	3.41E+03	77.08
7360	10.437	-3.4482	80	3.98	0.63	5.04E+03	75.12
7361	10.437	-3.4482	80	6.31	1	7.35E+03	73.44
7362	10.437	-3.4482	80	10	1.59	1.07E+04	71.75
7363	10.437	-3.4482	80	15.9	2.53	1.53E+04	70.56
7364	10.437	-3.4482	80	25.1	3.99	2.16E+04	68.96
7365	10.437	-3.4482	80	39.8	6.33	3.06E+04	67.61
7366	10.437	-3.4482	80	63.1	10.04	4.28E+04	66.41
7367	10.437	-3.4482	80	100	15.92	5.95E+04	65.3
7368	10.437	-3.4482	95	1	0.16	1.34E+02	83.45
7369	10.437	-3.4482	95	1.59	0.25	2.68E+02	84.55

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7370	10.437	-3.4482	95	2.51	0.4	4.09E+02	84.85
7371	10.437	-3.4482	95	3.98	0.63	6.22E+02	84.32
7372	10.437	-3.4482	95	6.31	1	9.58E+02	83.57
7373	10.437	-3.4482	95	10	1.59	1.53E+03	82.41
7374	10.437	-3.4482	95	15.9	2.53	2.33E+03	81.22
7375	10.437	-3.4482	95	25.1	3.99	3.43E+03	79.45
7376	10.437	-3.4482	95	39.8	6.33	5.15E+03	77.89
7377	10.437	-3.4482	95	63.1	10.04	7.60E+03	77.6
7378	10.437	-3.4482	95	100	15.92	1.11E+04	75.61
7379	10.437	-3.4482	105	1	0.16	5.06E+01	87.73
7380	10.437	-3.4482	105	1.59	0.25	8.28E+01	90.56
7381	10.437	-3.4482	105	2.51	0.4	1.31E+02	86.36
7382	10.437	-3.4482	105	3.98	0.63	2.06E+02	87.05
7383	10.437	-3.4482	105	6.31	1	3.22E+02	86.04
7384	10.437	-3.4482	105	10	1.59	4.99E+02	86.7
7385	10.437	-3.4482	105	15.9	2.53	7.69E+02	85.3
7386	10.437	-3.4482	105	25.1	3.99	1.18E+03	84.42
7387	10.437	-3.4482	105	39.8	6.33	1.80E+03	83.11
7388	10.437	-3.4482	105	63.1	10.04	2.77E+03	81.37
7389	10.437	-3.4482	105	100	15.92	4.14E+03	80.78
7390	10.437	-3.4482	115	1	0.16	1.91E+01	96.28
7391	10.437	-3.4482	115	1.59	0.25	3.10E+01	86.76
7392	10.437	-3.4482	115	2.51	0.4	4.70E+01	89.17
7393	10.437	-3.4482	115	3.98	0.63	7.43E+01	87.97
7394	10.437	-3.4482	115	6.31	1	1.18E+02	88.39
7395	10.437	-3.4482	115	10	1.59	1.87E+02	88.42
7396	10.437	-3.4482	115	15.9	2.53	2.90E+02	87.71
7397	10.437	-3.4482	115	25.1	3.99	4.56E+02	86.95
7398	10.437	-3.4482	115	39.8	6.33	7.02E+02	86.17
7399	10.437	-3.4482	115	63.1	10.04	1.08E+03	85.09
7400	10.437	-3.4482	115	100	15.92	1.66E+03	84.16
7401	11.446	-3.8418	15	1	0.16	5.90E+06	53.94
7402	11.446	-3.8418	15	1.59	0.25	7.65E+06	51.02
7403	11.446	-3.8418	15	2.51	0.4	9.76E+06	49.92
7404	11.446	-3.8418	15	3.98	0.63	1.25E+07	47.42
7405	11.446	-3.8418	15	6.31	1	1.57E+07	45.1
7406	11.446	-3.8418	15	10	1.59	1.95E+07	44.22
7407	11.446	-3.8418	15	15.9	2.53	2.45E+07	40.56

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7408	11.446	-3.8418	15	25.1	3.99	3.05E+07	38.17
7409	11.446	-3.8418	15	39.8	6.33	3.56E+07	36.77
7410	11.446	-3.8418	15	63.1	10.04	4.27E+07	36.31
7411	11.446	-3.8418	15	100	15.92	5.01E+07	34.19
7412	11.446	-3.8418	25	1	0.16	8.08E+05	68.65
7413	11.446	-3.8418	25	1.59	0.25	1.13E+06	67.23
7414	11.446	-3.8418	25	2.51	0.4	1.59E+06	64.85
7415	11.446	-3.8418	25	3.98	0.63	2.20E+06	62.62
7416	11.446	-3.8418	25	6.31	1	3.01E+06	60.46
7417	11.446	-3.8418	25	10	1.59	4.12E+06	58.45
7418	11.446	-3.8418	25	15.9	2.53	5.49E+06	56.68
7419	11.446	-3.8418	25	25.1	3.99	7.30E+06	54
7420	11.446	-3.8418	25	39.8	6.33	9.47E+06	52.21
7421	11.446	-3.8418	25	63.1	10.04	1.22E+07	49.55
7422	11.446	-3.8418	25	100	15.92	1.55E+07	47.46
7423	11.446	-3.8418	35	1	0.16	8.84E+04	78.99
7424	11.446	-3.8418	35	1.59	0.25	1.33E+05	77.77
7425	11.446	-3.8418	35	2.51	0.4	1.97E+05	76.47
7426	11.446	-3.8418	35	3.98	0.63	2.91E+05	75.16
7427	11.446	-3.8418	35	6.31	1	4.26E+05	73.63
7428	11.446	-3.8418	35	10	1.59	6.33E+05	71.83
7429	11.446	-3.8418	35	15.9	2.53	9.05E+05	70.43
7430	11.446	-3.8418	35	25.1	3.99	1.29E+06	68.46
7431	11.446	-3.8418	35	39.8	6.33	1.82E+06	66.4
7432	11.446	-3.8418	35	63.1	10.04	2.54E+06	64.48
7433	11.446	-3.8418	35	100	15.92	3.48E+06	62.47
7434	11.446	-3.8418	45	1	0.16	7.65E+03	86.83
7435	11.446	-3.8418	45	1.59	0.25	1.19E+04	85.96
7436	11.446	-3.8418	45	2.51	0.4	1.84E+04	85.27
7437	11.446	-3.8418	45	3.98	0.63	2.85E+04	84.49
7438	11.446	-3.8418	45	6.31	1	4.36E+04	83.71
7439	11.446	-3.8418	45	10	1.59	6.70E+04	82.58
7440	11.446	-3.8418	45	15.9	2.53	1.02E+05	81.68
7441	11.446	-3.8418	45	25.1	3.99	1.55E+05	80.64
7442	11.446	-3.8418	45	39.8	6.33	2.32E+05	79.56
7443	11.446	-3.8418	45	63.1	10.04	3.47E+05	78.32
7444	11.446	-3.8418	45	100	15.92	5.12E+05	77.02
7445	11.446	-3.8418	60	1	0.16	5.63E+02	89.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7446	11.446	-3.8418	60	1.59	0.25	8.81E+02	88.99
7447	11.446	-3.8418	60	2.51	0.4	1.39E+03	88.76
7448	11.446	-3.8418	60	3.98	0.63	2.19E+03	88.33
7449	11.446	-3.8418	60	6.31	1	3.43E+03	88
7450	11.446	-3.8418	60	10	1.59	5.37E+03	87.78
7451	11.446	-3.8418	60	15.9	2.53	8.41E+03	87.49
7452	11.446	-3.8418	60	25.1	3.99	1.31E+04	86.91
7453	11.446	-3.8418	60	39.8	6.33	2.04E+04	86.52
7454	11.446	-3.8418	60	63.1	10.04	3.16E+04	86
7455	11.446	-3.8418	60	100	15.92	4.87E+04	85.41
7456	11.446	-3.8418	70	1	0.16	1.34E+02	89.31
7457	11.446	-3.8418	70	1.59	0.25	2.12E+02	89.61
7458	11.446	-3.8418	70	2.51	0.4	3.36E+02	89.45
7459	11.446	-3.8418	70	3.98	0.63	5.31E+02	89.38
7460	11.446	-3.8418	70	6.31	1	8.39E+02	89.19
7461	11.446	-3.8418	70	10	1.59	1.32E+03	89.05
7462	11.446	-3.8418	70	15.9	2.53	2.09E+03	89.13
7463	11.446	-3.8418	70	25.1	3.99	3.29E+03	88.36
7464	11.446	-3.8418	70	39.8	6.33	5.17E+03	88.3
7465	11.446	-3.8418	70	63.1	10.04	8.10E+03	87.98
7466	11.446	-3.8418	70	100	15.92	1.26E+04	87.72
7467	11.446	-3.8418	80	1	0.16	4.04E+01	89.81
7468	11.446	-3.8418	80	1.59	0.25	6.41E+01	89.7
7469	11.446	-3.8418	80	2.51	0.4	1.02E+02	89.8
7470	11.446	-3.8418	80	3.98	0.63	1.61E+02	89.69
7471	11.446	-3.8418	80	6.31	1	2.54E+02	89.66
7472	11.446	-3.8418	80	10	1.59	4.02E+02	89.48
7473	11.446	-3.8418	80	15.9	2.53	6.37E+02	89.52
7474	11.446	-3.8418	80	25.1	3.99	1.01E+03	89.4
7475	11.446	-3.8418	80	39.8	6.33	1.59E+03	89.29
7476	11.446	-3.8418	80	63.1	10.04	2.50E+03	89.15
7477	11.446	-3.8418	80	100	15.92	3.92E+03	89.04
7478	11.446	-3.8418	95	1	0.16	8.01E+00	91.69
7479	11.446	-3.8418	95	1.59	0.25	1.27E+01	93.21
7480	11.446	-3.8418	95	2.51	0.4	2.01E+01	89.55
7481	11.446	-3.8418	95	3.98	0.63	3.12E+01	89.55
7482	11.446	-3.8418	95	6.31	1	4.97E+01	90.04
7483	11.446	-3.8418	95	10	1.59	7.89E+01	90.17

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7484	11.446	-3.8418	95	15.9	2.53	1.26E+02	90.35
7485	11.446	-3.8418	95	25.1	3.99	1.94E+02	90.18
7486	11.446	-3.8418	95	39.8	6.33	3.13E+02	90.12
7487	11.446	-3.8418	95	63.1	10.04	4.94E+02	90.31
7488	11.446	-3.8418	95	100	15.92	7.81E+02	90.29
7489	11.446	-3.8418	105	1	0.16	3.61E+00	90.09
7490	11.446	-3.8418	105	1.59	0.25	5.55E+00	90.62
7491	11.446	-3.8418	105	2.51	0.4	8.92E+00	90.68
7492	11.446	-3.8418	105	3.98	0.63	1.37E+01	89.96
7493	11.446	-3.8418	105	6.31	1	2.18E+01	89.82
7494	11.446	-3.8418	105	10	1.59	3.41E+01	89.53
7495	11.446	-3.8418	105	15.9	2.53	5.45E+01	89.74
7496	11.446	-3.8418	105	25.1	3.99	8.65E+01	90.05
7497	11.446	-3.8418	105	39.8	6.33	1.36E+02	90.13
7498	11.446	-3.8418	105	63.1	10.04	2.15E+02	90.16
7499	11.446	-3.8418	105	100	15.92	3.40E+02	90.18
7500	11.446	-3.8418	115	1	0.16	1.79E+00	91.63
7501	11.446	-3.8418	115	1.59	0.25	2.64E+00	90.98
7502	11.446	-3.8418	115	2.51	0.4	4.27E+00	90.34
7503	11.446	-3.8418	115	3.98	0.63	6.72E+00	89.66
7504	11.446	-3.8418	115	6.31	1	1.06E+01	89.64
7505	11.446	-3.8418	115	10	1.59	1.68E+01	89.31
7506	11.446	-3.8418	115	15.9	2.53	2.60E+01	88.9
7507	11.446	-3.8418	115	25.1	3.99	4.24E+01	90.64
7508	11.446	-3.8418	115	39.8	6.33	6.64E+01	89.93
7509	11.446	-3.8418	115	63.1	10.04	1.05E+02	89.95
7510	11.446	-3.8418	115	100	15.92	1.66E+02	89.88
7511	11.754	-3.9475	15	1	0.16	1.38E+07	46.93
7512	11.754	-3.9475	15	1.59	0.25	1.71E+07	44.97
7513	11.754	-3.9475	15	2.51	0.4	2.13E+07	43.45
7514	11.754	-3.9475	15	3.98	0.63	2.66E+07	41
7515	11.754	-3.9475	15	6.31	1	3.23E+07	39.59
7516	11.754	-3.9475	15	10	1.59	3.65E+07	33.58
7517	11.754	-3.9475	15	15.9	2.53	4.71E+07	34.66
7518	11.754	-3.9475	15	25.1	3.99	5.66E+07	33.49
7519	11.754	-3.9475	15	39.8	6.33	6.60E+07	33.18
7520	11.754	-3.9475	15	63.1	10.04	7.59E+07	31.08
7521	11.754	-3.9475	15	100	15.92	9.32E+07	29.98

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7522	11.754	-3.9475	25	1	0.16	2.26E+06	62.29
7523	11.754	-3.9475	25	1.59	0.25	3.07E+06	59.98
7524	11.754	-3.9475	25	2.51	0.4	4.14E+06	57.79
7525	11.754	-3.9475	25	3.98	0.63	5.55E+06	55.22
7526	11.754	-3.9475	25	6.31	1	7.30E+06	53.42
7527	11.754	-3.9475	25	10	1.59	9.75E+06	51.11
7528	11.754	-3.9475	25	15.9	2.53	1.26E+07	49.85
7529	11.754	-3.9475	25	25.1	3.99	1.61E+07	48.22
7530	11.754	-3.9475	25	39.8	6.33	2.00E+07	45.39
7531	11.754	-3.9475	25	63.1	10.04	2.51E+07	44.21
7532	11.754	-3.9475	25	100	15.92	3.08E+07	43.45
7533	11.754	-3.9475	35	1	0.16	2.58E+05	74.59
7534	11.754	-3.9475	35	1.59	0.25	3.78E+05	73.23
7535	11.754	-3.9475	35	2.51	0.4	5.48E+05	71.55
7536	11.754	-3.9475	35	3.98	0.63	7.85E+05	69.63
7537	11.754	-3.9475	35	6.31	1	1.12E+06	67.71
7538	11.754	-3.9475	35	10	1.59	1.59E+06	66.05
7539	11.754	-3.9475	35	15.9	2.53	2.21E+06	63.98
7540	11.754	-3.9475	35	25.1	3.99	3.04E+06	62.11
7541	11.754	-3.9475	35	39.8	6.33	4.15E+06	59.93
7542	11.754	-3.9475	35	63.1	10.04	5.58E+06	57.83
7543	11.754	-3.9475	35	100	15.92	7.40E+06	55.84
7544	11.754	-3.9475	45	1	0.16	2.26E+04	82.87
7545	11.754	-3.9475	45	1.59	0.25	3.46E+04	81.86
7546	11.754	-3.9475	45	2.51	0.4	5.22E+04	80.79
7547	11.754	-3.9475	45	3.98	0.63	7.82E+04	79.66
7548	11.754	-3.9475	45	6.31	1	1.17E+05	78.47
7549	11.754	-3.9475	45	10	1.59	1.77E+05	77
7550	11.754	-3.9475	45	15.9	2.53	2.63E+05	75.61
7551	11.754	-3.9475	45	25.1	3.99	3.84E+05	74.13
7552	11.754	-3.9475	45	39.8	6.33	5.58E+05	72.78
7553	11.754	-3.9475	45	63.1	10.04	8.05E+05	71.26
7554	11.754	-3.9475	45	100	15.92	1.15E+06	69.64
7555	11.754	-3.9475	60	1	0.16	1.29E+03	88.38
7556	11.754	-3.9475	60	1.59	0.25	2.03E+03	87.7
7557	11.754	-3.9475	60	2.51	0.4	3.17E+03	87.31
7558	11.754	-3.9475	60	3.98	0.63	4.96E+03	86.63
7559	11.754	-3.9475	60	6.31	1	7.70E+03	85.91

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7560	11.754	-3.9475	60	10	1.59	1.21E+04	85.91
7561	11.754	-3.9475	60	15.9	2.53	1.86E+04	84.43
7562	11.754	-3.9475	60	25.1	3.99	2.84E+04	84.41
7563	11.754	-3.9475	60	39.8	6.33	4.36E+04	83.58
7564	11.754	-3.9475	60	63.1	10.04	6.64E+04	82.8
7565	11.754	-3.9475	60	100	15.92	1.01E+05	81.97
7566	11.754	-3.9475	70	1	0.16	2.81E+02	89.63
7567	11.754	-3.9475	70	1.59	0.25	4.44E+02	89.15
7568	11.754	-3.9475	70	2.51	0.4	7.06E+02	88.82
7569	11.754	-3.9475	70	3.98	0.63	1.11E+03	88.57
7570	11.754	-3.9475	70	6.31	1	1.74E+03	88.13
7571	11.754	-3.9475	70	10	1.59	2.74E+03	87.73
7572	11.754	-3.9475	70	15.9	2.53	4.28E+03	87.36
7573	11.754	-3.9475	70	25.1	3.99	6.66E+03	87.13
7574	11.754	-3.9475	70	39.8	6.33	1.04E+04	86.36
7575	11.754	-3.9475	70	63.1	10.04	1.61E+04	85.88
7576	11.754	-3.9475	70	100	15.92	2.47E+04	85.44
7577	11.754	-3.9475	80	1	0.16	7.83E+01	89.51
7578	11.754	-3.9475	80	1.59	0.25	1.23E+02	89.95
7579	11.754	-3.9475	80	2.51	0.4	1.95E+02	89.55
7580	11.754	-3.9475	80	3.98	0.63	3.08E+02	89.49
7581	11.754	-3.9475	80	6.31	1	4.87E+02	89.34
7582	11.754	-3.9475	80	10	1.59	7.74E+02	89.2
7583	11.754	-3.9475	80	15.9	2.53	1.22E+03	88.74
7584	11.754	-3.9475	80	25.1	3.99	1.92E+03	88.39
7585	11.754	-3.9475	80	39.8	6.33	3.01E+03	88.16
7586	11.754	-3.9475	80	63.1	10.04	4.72E+03	87.85
7587	11.754	-3.9475	80	100	15.92	7.34E+03	87.57
7588	11.754	-3.9475	95	1	0.16	1.46E+01	89.61
7589	11.754	-3.9475	95	1.59	0.25	2.34E+01	90.55
7590	11.754	-3.9475	95	2.51	0.4	3.55E+01	89.93
7591	11.754	-3.9475	95	3.98	0.63	5.69E+01	89.73
7592	11.754	-3.9475	95	6.31	1	8.96E+01	90.01
7593	11.754	-3.9475	95	10	1.59	1.42E+02	90.04
7594	11.754	-3.9475	95	15.9	2.53	2.25E+02	90.63
7595	11.754	-3.9475	95	25.1	3.99	3.56E+02	89.42
7596	11.754	-3.9475	95	39.8	6.33	5.66E+02	89.81
7597	11.754	-3.9475	95	63.1	10.04	8.88E+02	90

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7598	11.754	-3.9475	95	100	15.92	1.40E+03	89.86
7599	11.754	-3.9475	105	1	0.16	5.75E+00	95.82
7600	11.754	-3.9475	105	1.59	0.25	8.55E+00	88.7
7601	11.754	-3.9475	105	2.51	0.4	1.43E+01	90.43
7602	11.754	-3.9475	105	3.98	0.63	2.24E+01	89.08
7603	11.754	-3.9475	105	6.31	1	3.58E+01	89.81
7604	11.754	-3.9475	105	10	1.59	5.63E+01	89.11
7605	11.754	-3.9475	105	15.9	2.53	8.77E+01	90.71
7606	11.754	-3.9475	105	25.1	3.99	1.43E+02	89.17
7607	11.754	-3.9475	105	39.8	6.33	2.23E+02	90.13
7608	11.754	-3.9475	105	63.1	10.04	3.54E+02	90.11
7609	11.754	-3.9475	105	100	15.92	5.57E+02	90.16
7610	11.754	-3.9475	115	1	0.16	2.87E+00	90.24
7611	11.754	-3.9475	115	1.59	0.25	4.24E+00	91.36
7612	11.754	-3.9475	115	2.51	0.4	6.80E+00	89.68
7613	11.754	-3.9475	115	3.98	0.63	1.07E+01	89.68
7614	11.754	-3.9475	115	6.31	1	1.70E+01	89.81
7615	11.754	-3.9475	115	10	1.59	2.69E+01	89.78
7616	11.754	-3.9475	115	15.9	2.53	4.29E+01	90.1
7617	11.754	-3.9475	115	25.1	3.99	6.68E+01	90.27
7618	11.754	-3.9475	115	39.8	6.33	1.07E+02	89.92
7619	11.754	-3.9475	115	63.1	10.04	1.69E+02	90.1
7620	11.754	-3.9475	115	100	15.92	2.67E+02	90.16
7621	11.298	-3.7671	15	1	0.16	2.49E+07	36.27
7622	11.298	-3.7671	15	1.59	0.25	2.97E+07	34.99
7623	11.298	-3.7671	15	2.51	0.4	3.50E+07	33.25
7624	11.298	-3.7671	15	3.98	0.63	4.07E+07	31.83
7625	11.298	-3.7671	15	6.31	1	4.76E+07	31.35
7626	11.298	-3.7671	15	10	1.59	5.68E+07	29.19
7627	11.298	-3.7671	15	15.9	2.53	6.46E+07	28.89
7628	11.298	-3.7671	15	25.1	3.99	7.43E+07	28.41
7629	11.298	-3.7671	15	39.8	6.33	8.53E+07	26.71
7630	11.298	-3.7671	15	63.1	10.04	9.77E+07	25.66
7631	11.298	-3.7671	15	100	15.92	1.09E+08	24.03
7632	11.298	-3.7671	25	1	0.16	6.17E+06	48.84
7633	11.298	-3.7671	25	1.59	0.25	7.90E+06	46.74
7634	11.298	-3.7671	25	2.51	0.4	9.96E+06	45.35
7635	11.298	-3.7671	25	3.98	0.63	1.23E+07	43.08

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7636	11.298	-3.7671	25	6.31	1	1.52E+07	41.67
7637	11.298	-3.7671	25	10	1.59	1.86E+07	39.72
7638	11.298	-3.7671	25	15.9	2.53	2.30E+07	38.52
7639	11.298	-3.7671	25	25.1	3.99	2.73E+07	36.66
7640	11.298	-3.7671	25	39.8	6.33	3.26E+07	36.11
7641	11.298	-3.7671	25	63.1	10.04	3.90E+07	34.13
7642	11.298	-3.7671	25	100	15.92	4.60E+07	33.02
7643	11.298	-3.7671	35	1	0.16	1.00E+06	62.3
7644	11.298	-3.7671	35	1.59	0.25	1.38E+06	60
7645	11.298	-3.7671	35	2.51	0.4	1.85E+06	58.25
7646	11.298	-3.7671	35	3.98	0.63	2.47E+06	55.93
7647	11.298	-3.7671	35	6.31	1	3.27E+06	54.12
7648	11.298	-3.7671	35	10	1.59	4.35E+06	52.2
7649	11.298	-3.7671	35	15.9	2.53	5.58E+06	50.54
7650	11.298	-3.7671	35	25.1	3.99	7.16E+06	48.95
7651	11.298	-3.7671	35	39.8	6.33	9.11E+06	47.28
7652	11.298	-3.7671	35	63.1	10.04	1.15E+07	45.53
7653	11.298	-3.7671	35	100	15.92	1.43E+07	44.14
7654	11.298	-3.7671	45	1	0.16	1.14E+05	73.9
7655	11.298	-3.7671	45	1.59	0.25	1.63E+05	72.56
7656	11.298	-3.7671	45	2.51	0.4	2.35E+05	70.77
7657	11.298	-3.7671	45	3.98	0.63	3.36E+05	69.14
7658	11.298	-3.7671	45	6.31	1	4.78E+05	67.41
7659	11.298	-3.7671	45	10	1.59	6.76E+05	65.65
7660	11.298	-3.7671	45	15.9	2.53	9.29E+05	64.06
7661	11.298	-3.7671	45	25.1	3.99	1.26E+06	62.52
7662	11.298	-3.7671	45	39.8	6.33	1.70E+06	61.01
7663	11.298	-3.7671	45	63.1	10.04	2.26E+06	59.58
7664	11.298	-3.7671	45	100	15.92	2.93E+06	58.34
7665	11.298	-3.7671	60	1	0.16	6.10E+03	84.05
7666	11.298	-3.7671	60	1.59	0.25	9.35E+03	82.97
7667	11.298	-3.7671	60	2.51	0.4	1.43E+04	81.82
7668	11.298	-3.7671	60	3.98	0.63	2.16E+04	80.71
7669	11.298	-3.7671	60	6.31	1	3.25E+04	79.48
7670	11.298	-3.7671	60	10	1.59	4.98E+04	79.12
7671	11.298	-3.7671	60	15.9	2.53	7.37E+04	78.27
7672	11.298	-3.7671	60	25.1	3.99	1.09E+05	76.83
7673	11.298	-3.7671	60	39.8	6.33	1.61E+05	75.21

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7674	11.298	-3.7671	60	63.1	10.04	2.34E+05	74.99
7675	11.298	-3.7671	60	100	15.92	3.42E+05	73.55
7676	11.298	-3.7671	70	1	0.16	1.12E+03	87.52
7677	11.298	-3.7671	70	1.59	0.25	1.75E+03	86.63
7678	11.298	-3.7671	70	2.51	0.4	2.73E+03	86.11
7679	11.298	-3.7671	70	3.98	0.63	4.23E+03	85.42
7680	11.298	-3.7671	70	6.31	1	6.53E+03	84.54
7681	11.298	-3.7671	70	10	1.59	1.00E+04	83.64
7682	11.298	-3.7671	70	15.9	2.53	1.54E+04	82.76
7683	11.298	-3.7671	70	25.1	3.99	2.34E+04	81.73
7684	11.298	-3.7671	70	39.8	6.33	3.53E+04	80.74
7685	11.298	-3.7671	70	63.1	10.04	5.31E+04	79.78
7686	11.298	-3.7671	70	100	15.92	7.93E+04	78.79
7687	11.298	-3.7671	80	1	0.16	2.57E+02	88.94
7688	11.298	-3.7671	80	1.59	0.25	4.07E+02	88.69
7689	11.298	-3.7671	80	2.51	0.4	6.40E+02	88.39
7690	11.298	-3.7671	80	3.98	0.63	1.01E+03	87.92
7691	11.298	-3.7671	80	6.31	1	1.58E+03	87.45
7692	11.298	-3.7671	80	10	1.59	2.47E+03	86.86
7693	11.298	-3.7671	80	15.9	2.53	3.84E+03	86.23
7694	11.298	-3.7671	80	25.1	3.99	5.94E+03	85.54
7695	11.298	-3.7671	80	39.8	6.33	9.16E+03	84.85
7696	11.298	-3.7671	80	63.1	10.04	1.41E+04	84.12
7697	11.298	-3.7671	80	100	15.92	2.13E+04	83.32
7698	11.298	-3.7671	95	1	0.16	3.99E+01	93.48
7699	11.298	-3.7671	95	1.59	0.25	6.09E+01	88.76
7700	11.298	-3.7671	95	2.51	0.4	9.87E+01	89.16
7701	11.298	-3.7671	95	3.98	0.63	1.54E+02	89.78
7702	11.298	-3.7671	95	6.31	1	2.44E+02	89.47
7703	11.298	-3.7671	95	10	1.59	3.89E+02	90.91
7704	11.298	-3.7671	95	15.9	2.53	6.10E+02	89.53
7705	11.298	-3.7671	95	25.1	3.99	9.74E+02	86.58
7706	11.298	-3.7671	95	39.8	6.33	1.53E+03	89.6
7707	11.298	-3.7671	95	63.1	10.04	2.40E+03	88.31
7708	11.298	-3.7671	95	100	15.92	3.69E+03	87.9
7709	11.298	-3.7671	105	1	0.16	1.66E+01	89.21
7710	11.298	-3.7671	105	1.59	0.25	2.26E+01	91.87
7711	11.298	-3.7671	105	2.51	0.4	3.61E+01	90.2

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7712	11.298	-3.7671	105	3.98	0.63	5.70E+01	89.83
7713	11.298	-3.7671	105	6.31	1	9.04E+01	89.57
7714	11.298	-3.7671	105	10	1.59	1.45E+02	89.66
7715	11.298	-3.7671	105	15.9	2.53	2.25E+02	89.9
7716	11.298	-3.7671	105	25.1	3.99	3.52E+02	90.69
7717	11.298	-3.7671	105	39.8	6.33	5.66E+02	89.8
7718	11.298	-3.7671	105	63.1	10.04	8.89E+02	89.4
7719	11.298	-3.7671	105	100	15.92	1.39E+03	89.41
7720	11.298	-3.7671	115	1	0.16	5.89E+00	82.76
7721	11.298	-3.7671	115	1.59	0.25	9.61E+00	85.05
7722	11.298	-3.7671	115	2.51	0.4	1.53E+01	89.72
7723	11.298	-3.7671	115	3.98	0.63	2.42E+01	89.26
7724	11.298	-3.7671	115	6.31	1	3.81E+01	89.73
7725	11.298	-3.7671	115	10	1.59	6.15E+01	89.62
7726	11.298	-3.7671	115	15.9	2.53	9.68E+01	90.25
7727	11.298	-3.7671	115	25.1	3.99	1.54E+02	89.8
7728	11.298	-3.7671	115	39.8	6.33	2.38E+02	90.26
7729	11.298	-3.7671	115	63.1	10.04	3.76E+02	89.93
7730	11.298	-3.7671	115	100	15.92	5.92E+02	90.1
7731	11.447	-3.8191	15	1	0.16	2.84E+07	33.98
7732	11.447	-3.8191	15	1.59	0.25	3.34E+07	32.3
7733	11.447	-3.8191	15	2.51	0.4	3.88E+07	31.17
7734	11.447	-3.8191	15	3.98	0.63	4.53E+07	29.81
7735	11.447	-3.8191	15	6.31	1	5.19E+07	29.04
7736	11.447	-3.8191	15	10	1.59	6.02E+07	27.71
7737	11.447	-3.8191	15	15.9	2.53	6.97E+07	27.55
7738	11.447	-3.8191	15	25.1	3.99	7.93E+07	26.5
7739	11.447	-3.8191	15	39.8	6.33	8.97E+07	24.59
7740	11.447	-3.8191	15	63.1	10.04	1.01E+08	23.8
7741	11.447	-3.8191	15	100	15.92	1.12E+08	23.5
7742	11.447	-3.8191	25	1	0.16	8.34E+06	43.94
7743	11.447	-3.8191	25	1.59	0.25	1.03E+07	42.07
7744	11.447	-3.8191	25	2.51	0.4	1.26E+07	40.68
7745	11.447	-3.8191	25	3.98	0.63	1.53E+07	39.08
7746	11.447	-3.8191	25	6.31	1	1.86E+07	38.07
7747	11.447	-3.8191	25	10	1.59	2.23E+07	37
7748	11.447	-3.8191	25	15.9	2.53	2.66E+07	34.65
7749	11.447	-3.8191	25	25.1	3.99	3.14E+07	34.03

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7750	11.447	-3.8191	25	39.8	6.33	3.70E+07	32.57
7751	11.447	-3.8191	25	63.1	10.04	4.34E+07	32
7752	11.447	-3.8191	25	100	15.92	5.13E+07	32.15
7753	11.447	-3.8191	35	1	0.16	1.49E+06	56.91
7754	11.447	-3.8191	35	1.59	0.25	1.98E+06	55.09
7755	11.447	-3.8191	35	2.51	0.4	2.60E+06	53.37
7756	11.447	-3.8191	35	3.98	0.63	3.39E+06	51.4
7757	11.447	-3.8191	35	6.31	1	4.37E+06	49.45
7758	11.447	-3.8191	35	10	1.59	5.67E+06	48.32
7759	11.447	-3.8191	35	15.9	2.53	7.17E+06	46.74
7760	11.447	-3.8191	35	25.1	3.99	8.98E+06	44.67
7761	11.447	-3.8191	35	39.8	6.33	1.13E+07	43.1
7762	11.447	-3.8191	35	63.1	10.04	1.39E+07	42.1
7763	11.447	-3.8191	35	100	15.92	1.69E+07	40.73
7764	11.447	-3.8191	45	1	0.16	2.04E+05	69.27
7765	11.447	-3.8191	45	1.59	0.25	2.90E+05	67.23
7766	11.447	-3.8191	45	2.51	0.4	4.06E+05	65.56
7767	11.447	-3.8191	45	3.98	0.63	5.65E+05	63.83
7768	11.447	-3.8191	45	6.31	1	7.80E+05	62.18
7769	11.447	-3.8191	45	10	1.59	1.07E+06	60.24
7770	11.447	-3.8191	45	15.9	2.53	1.44E+06	58.7
7771	11.447	-3.8191	45	25.1	3.99	1.94E+06	56.87
7772	11.447	-3.8191	45	39.8	6.33	2.58E+06	55.16
7773	11.447	-3.8191	45	63.1	10.04	3.40E+06	53.48
7774	11.447	-3.8191	45	100	15.92	4.42E+06	51.99
7775	11.447	-3.8191	60	1	0.16	1.11E+04	81.56
7776	11.447	-3.8191	60	1.59	0.25	1.67E+04	79.85
7777	11.447	-3.8191	60	2.51	0.4	2.51E+04	78.51
7778	11.447	-3.8191	60	3.98	0.63	3.74E+04	77.21
7779	11.447	-3.8191	60	6.31	1	5.52E+04	75.98
7780	11.447	-3.8191	60	10	1.59	8.19E+04	74.44
7781	11.447	-3.8191	60	15.9	2.53	1.22E+05	73.77
7782	11.447	-3.8191	60	25.1	3.99	1.74E+05	72.81
7783	11.447	-3.8191	60	39.8	6.33	2.61E+05	70.93
7784	11.447	-3.8191	60	63.1	10.04	3.59E+05	71.51
7785	11.447	-3.8191	60	100	15.92	5.10E+05	69.14
7786	11.447	-3.8191	70	1	0.16	2.01E+03	86.39
7787	11.447	-3.8191	70	1.59	0.25	3.09E+03	85.17

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7788	11.447	-3.8191	70	2.51	0.4	4.79E+03	84.21
7789	11.447	-3.8191	70	3.98	0.63	7.35E+03	83.01
7790	11.447	-3.8191	70	6.31	1	1.12E+04	81.85
7791	11.447	-3.8191	70	10	1.59	1.70E+04	81.42
7792	11.447	-3.8191	70	15.9	2.53	2.59E+04	79.49
7793	11.447	-3.8191	70	25.1	3.99	3.85E+04	79.03
7794	11.447	-3.8191	70	39.8	6.33	5.74E+04	77.69
7795	11.447	-3.8191	70	63.1	10.04	8.45E+04	76.86
7796	11.447	-3.8191	70	100	15.92	1.24E+05	75.53
7797	11.447	-3.8191	80	1	0.16	4.31E+02	88.31
7798	11.447	-3.8191	80	1.59	0.25	6.79E+02	88.04
7799	11.447	-3.8191	80	2.51	0.4	1.07E+03	87.38
7800	11.447	-3.8191	80	3.98	0.63	1.66E+03	86.74
7801	11.447	-3.8191	80	6.31	1	2.59E+03	85.94
7802	11.447	-3.8191	80	10	1.59	4.03E+03	85.14
7803	11.447	-3.8191	80	15.9	2.53	6.22E+03	84.24
7804	11.447	-3.8191	80	25.1	3.99	9.53E+03	83.37
7805	11.447	-3.8191	80	39.8	6.33	1.45E+04	82.42
7806	11.447	-3.8191	80	63.1	10.04	2.20E+04	81.5
7807	11.447	-3.8191	80	100	15.92	3.30E+04	80.55
7808	11.447	-3.8191	95	1	0.16	5.99E+01	92.84
7809	11.447	-3.8191	95	1.59	0.25	8.97E+01	94.28
7810	11.447	-3.8191	95	2.51	0.4	1.45E+02	90.42
7811	11.447	-3.8191	95	3.98	0.63	2.24E+02	89.23
7812	11.447	-3.8191	95	6.31	1	3.56E+02	89.34
7813	11.447	-3.8191	95	10	1.59	5.67E+02	90
7814	11.447	-3.8191	95	15.9	2.53	8.76E+02	89.16
7815	11.447	-3.8191	95	25.1	3.99	1.47E+03	88.01
7816	11.447	-3.8191	95	39.8	6.33	2.19E+03	88.54
7817	11.447	-3.8191	95	63.1	10.04	3.28E+03	87.04
7818	11.447	-3.8191	95	100	15.92	5.30E+03	87.8
7819	11.447	-3.8191	105	1	0.16	2.15E+01	91.68
7820	11.447	-3.8191	105	1.59	0.25	3.11E+01	88.28
7821	11.447	-3.8191	105	2.51	0.4	5.10E+01	89.01
7822	11.447	-3.8191	105	3.98	0.63	7.97E+01	89.96
7823	11.447	-3.8191	105	6.31	1	1.27E+02	89.27
7824	11.447	-3.8191	105	10	1.59	2.00E+02	89.88
7825	11.447	-3.8191	105	15.9	2.53	3.28E+02	90.69

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7826	11.447	-3.8191	105	25.1	3.99	5.00E+02	89.48
7827	11.447	-3.8191	105	39.8	6.33	7.87E+02	89.05
7828	11.447	-3.8191	105	63.1	10.04	1.24E+03	88.96
7829	11.447	-3.8191	105	100	15.92	1.94E+03	88.73
7830	11.447	-3.8191	115	1	0.16	9.10E+00	84.16
7831	11.447	-3.8191	115	1.59	0.25	1.25E+01	93.29
7832	11.447	-3.8191	115	2.51	0.4	2.04E+01	88.97
7833	11.447	-3.8191	115	3.98	0.63	3.22E+01	90.5
7834	11.447	-3.8191	115	6.31	1	5.08E+01	89.48
7835	11.447	-3.8191	115	10	1.59	8.06E+01	90.82
7836	11.447	-3.8191	115	15.9	2.53	1.27E+02	88.38
7837	11.447	-3.8191	115	25.1	3.99	2.02E+02	90.68
7838	11.447	-3.8191	115	39.8	6.33	3.17E+02	89.72
7839	11.447	-3.8191	115	63.1	10.04	4.98E+02	89.87
7840	11.447	-3.8191	115	100	15.92	7.88E+02	89.78
7841	8.4973	-2.7675	15	1	0.16	2.00E+06	60.09
7842	8.4973	-2.7675	15	1.59	0.25	2.71E+06	58.21
7843	8.4973	-2.7675	15	2.51	0.4	3.63E+06	56.09
7844	8.4973	-2.7675	15	3.98	0.63	4.76E+06	53.87
7845	8.4973	-2.7675	15	6.31	1	6.24E+06	51.51
7846	8.4973	-2.7675	15	10	1.59	8.21E+06	49.73
7847	8.4973	-2.7675	15	15.9	2.53	1.04E+07	47.83
7848	8.4973	-2.7675	15	25.1	3.99	1.33E+07	45.91
7849	8.4973	-2.7675	15	39.8	6.33	1.64E+07	44.32
7850	8.4973	-2.7675	15	63.1	10.04	2.04E+07	42.53
7851	8.4973	-2.7675	15	100	15.92	2.49E+07	40.74
7852	8.4973	-2.7675	25	1	0.16	2.16E+05	68.48
7853	8.4973	-2.7675	25	1.59	0.25	3.10E+05	68.35
7854	8.4973	-2.7675	25	2.51	0.4	4.41E+05	67.97
7855	8.4973	-2.7675	25	3.98	0.63	6.23E+05	67.32
7856	8.4973	-2.7675	25	6.31	1	8.80E+05	65.76
7857	8.4973	-2.7675	25	10	1.59	1.23E+06	64.28
7858	8.4973	-2.7675	25	15.9	2.53	1.72E+06	62.84
7859	8.4973	-2.7675	25	25.1	3.99	2.35E+06	60.68
7860	8.4973	-2.7675	25	39.8	6.33	3.20E+06	59.03
7861	8.4973	-2.7675	25	63.1	10.04	4.30E+06	57.27
7862	8.4973	-2.7675	25	100	15.92	5.67E+06	55.31
7863	8.4973	-2.7675	35	1	0.16	2.85E+04	64.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7864	8.4973	-2.7675	35	1.59	0.25	3.98E+04	66.1
7865	8.4973	-2.7675	35	2.51	0.4	5.59E+04	67.41
7866	8.4973	-2.7675	35	3.98	0.63	7.92E+04	68.64
7867	8.4973	-2.7675	35	6.31	1	1.13E+05	69.54
7868	8.4973	-2.7675	35	10	1.59	1.65E+05	70.31
7869	8.4973	-2.7675	35	15.9	2.53	2.38E+05	70.83
7870	8.4973	-2.7675	35	25.1	3.99	3.41E+05	70.43
7871	8.4973	-2.7675	35	39.8	6.33	4.90E+05	70.05
7872	8.4973	-2.7675	35	63.1	10.04	7.00E+05	69.34
7873	8.4973	-2.7675	35	100	15.92	9.89E+05	68.39
7874	8.4973	-2.7675	45	1	0.16	7.60E+03	59.47
7875	8.4973	-2.7675	45	1.59	0.25	1.03E+04	60.9
7876	8.4973	-2.7675	45	2.51	0.4	1.40E+04	62.12
7877	8.4973	-2.7675	45	3.98	0.63	1.91E+04	63.76
7878	8.4973	-2.7675	45	6.31	1	2.64E+04	64.98
7879	8.4973	-2.7675	45	10	1.59	3.76E+04	66.31
7880	8.4973	-2.7675	45	15.9	2.53	5.31E+04	68
7881	8.4973	-2.7675	45	25.1	3.99	7.48E+04	68.96
7882	8.4973	-2.7675	45	39.8	6.33	6.35E+04	70.05
7883	8.4973	-2.7675	45	63.1	10.04	1.54E+05	73.57
7884	8.4973	-2.7675	45	100	15.92	1.91E+05	74.61
7885	8.4973	-2.7675	60	1	0.16	1.32E+03	47.97
7886	8.4973	-2.7675	60	1.59	0.25	1.70E+03	50.94
7887	8.4973	-2.7675	60	2.51	0.4	2.25E+03	53.84
7888	8.4973	-2.7675	60	3.98	0.63	3.00E+03	55.73
7889	8.4973	-2.7675	60	6.31	1	4.02E+03	57.43
7890	8.4973	-2.7675	60	10	1.59	5.45E+03	59.17
7891	8.4973	-2.7675	60	15.9	2.53	7.40E+03	61
7892	8.4973	-2.7675	60	25.1	3.99	1.01E+04	62.11
7893	8.4973	-2.7675	60	39.8	6.33	1.39E+04	63.38
7894	8.4973	-2.7675	60	63.1	10.04	1.91E+04	64.79
7895	8.4973	-2.7675	60	100	15.92	2.65E+04	66.61
7896	8.4973	-2.7675	70	1	0.16	7.26E+02	39.31
7897	8.4973	-2.7675	70	1.59	0.25	8.98E+02	43.55
7898	8.4973	-2.7675	70	2.51	0.4	1.14E+03	46.66
7899	8.4973	-2.7675	70	3.98	0.63	1.47E+03	50.03
7900	8.4973	-2.7675	70	6.31	1	1.93E+03	52.54
7901	8.4973	-2.7675	70	10	1.59	2.56E+03	54.57

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7902	8.4973	-2.7675	70	15.9	2.53	3.41E+03	56.48
7903	8.4973	-2.7675	70	25.1	3.99	4.59E+03	58.36
7904	8.4973	-2.7675	70	39.8	6.33	6.21E+03	59.78
7905	8.4973	-2.7675	70	63.1	10.04	8.46E+03	61.29
7906	8.4973	-2.7675	70	100	15.92	1.15E+04	62.73
7907	8.4973	-2.7675	80	1	0.16	4.61E+02	34.77
7908	8.4973	-2.7675	80	1.59	0.25	5.52E+02	37.84
7909	8.4973	-2.7675	80	2.51	0.4	6.71E+02	41.91
7910	8.4973	-2.7675	80	3.98	0.63	8.39E+02	45.21
7911	8.4973	-2.7675	80	6.31	1	1.07E+03	48.44
7912	8.4973	-2.7675	80	10	1.59	1.39E+03	50.76
7913	8.4973	-2.7675	80	15.9	2.53	1.83E+03	53.2
7914	8.4973	-2.7675	80	25.1	3.99	2.43E+03	55.18
7915	8.4973	-2.7675	80	39.8	6.33	3.24E+03	56.93
7916	8.4973	-2.7675	80	63.1	10.04	4.35E+03	58.38
7917	8.4973	-2.7675	80	100	15.92	5.86E+03	59.94
7918	8.4973	-2.7675	95	1	0.16	1.21E+02	52.39
7919	8.4973	-2.7675	95	1.59	0.25	1.56E+02	52.82
7920	8.4973	-2.7675	95	2.51	0.4	2.05E+02	54.52
7921	8.4973	-2.7675	95	3.98	0.63	2.68E+02	55.42
7922	8.4973	-2.7675	95	6.31	1	3.57E+02	56.73
7923	8.4973	-2.7675	95	10	1.59	4.82E+02	57.6
7924	8.4973	-2.7675	95	15.9	2.53	6.44E+02	58.38
7925	8.4973	-2.7675	95	25.1	3.99	8.72E+02	59.12
7926	8.4973	-2.7675	95	39.8	6.33	1.18E+03	59.56
7927	8.4973	-2.7675	95	63.1	10.04	1.60E+03	60.11
7928	8.4973	-2.7675	95	100	15.92	2.17E+03	60.46
7929	8.4973	-2.7675	105	1	0.16	7.38E+01	57.92
7930	8.4973	-2.7675	105	1.59	0.25	9.64E+01	58.52
7931	8.4973	-2.7675	105	2.51	0.4	1.25E+02	58.68
7932	8.4973	-2.7675	105	3.98	0.63	1.65E+02	59.1
7933	8.4973	-2.7675	105	6.31	1	2.19E+02	59.63
7934	8.4973	-2.7675	105	10	1.59	2.99E+02	59.01
7935	8.4973	-2.7675	105	15.9	2.53	4.03E+02	59.42
7936	8.4973	-2.7675	105	25.1	3.99	5.46E+02	59.98
7937	8.4973	-2.7675	105	39.8	6.33	7.40E+02	60.21
7938	8.4973	-2.7675	105	63.1	10.04	1.00E+03	60.45
7939	8.4973	-2.7675	105	100	15.92	1.36E+03	60.64

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7940	8.4973	-2.7675	115	1	0.16	4.97E+01	64
7941	8.4973	-2.7675	115	1.59	0.25	5.93E+01	65.14
7942	8.4973	-2.7675	115	2.51	0.4	7.58E+01	65.48
7943	8.4973	-2.7675	115	3.98	0.63	9.97E+01	65.94
7944	8.4973	-2.7675	115	6.31	1	1.32E+02	66.19
7945	8.4973	-2.7675	115	10	1.59	1.82E+02	64.75
7946	8.4973	-2.7675	115	15.9	2.53	2.50E+02	64.58
7947	8.4973	-2.7675	115	25.1	3.99	3.46E+02	64.07
7948	8.4973	-2.7675	115	39.8	6.33	4.76E+02	63.79
7949	8.4973	-2.7675	115	63.1	10.04	6.55E+02	63.44
7950	8.4973	-2.7675	115	100	15.92	8.95E+02	63.04
7951	8.4811	-2.7527	15	1	0.16	3.23E+06	53.4
7952	8.4811	-2.7527	15	1.59	0.25	4.24E+06	51.58
7953	8.4811	-2.7527	15	2.51	0.4	5.45E+06	49.76
7954	8.4811	-2.7527	15	3.98	0.63	6.94E+06	47.91
7955	8.4811	-2.7527	15	6.31	1	8.78E+06	46.06
7956	8.4811	-2.7527	15	10	1.59	1.12E+07	44.1
7957	8.4811	-2.7527	15	15.9	2.53	1.41E+07	42.75
7958	8.4811	-2.7527	15	25.1	3.99	1.71E+07	41.37
7959	8.4811	-2.7527	15	39.8	6.33	2.12E+07	40.71
7960	8.4811	-2.7527	15	63.1	10.04	2.55E+07	38.13
7961	8.4811	-2.7527	15	100	15.92	3.09E+07	36.62
7962	8.4811	-2.7527	25	1	0.16	4.39E+05	64.73
7963	8.4811	-2.7527	25	1.59	0.25	6.14E+05	63.81
7964	8.4811	-2.7527	25	2.51	0.4	8.52E+05	62.65
7965	8.4811	-2.7527	25	3.98	0.63	1.17E+06	61.08
7966	8.4811	-2.7527	25	6.31	1	1.60E+06	59.42
7967	8.4811	-2.7527	25	10	1.59	2.21E+06	58.05
7968	8.4811	-2.7527	25	15.9	2.53	2.95E+06	56.07
7969	8.4811	-2.7527	25	25.1	3.99	3.90E+06	54.13
7970	8.4811	-2.7527	25	39.8	6.33	5.07E+06	52.49
7971	8.4811	-2.7527	25	63.1	10.04	6.61E+06	50.69
7972	8.4811	-2.7527	25	100	15.92	8.48E+06	49.16
7973	8.4811	-2.7527	35	1	0.16	5.79E+04	65.57
7974	8.4811	-2.7527	35	1.59	0.25	8.17E+04	66.36
7975	8.4811	-2.7527	35	2.51	0.4	1.15E+05	67.16
7976	8.4811	-2.7527	35	3.98	0.63	1.64E+05	67.49
7977	8.4811	-2.7527	35	6.31	1	2.31E+05	67.6

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
7978	8.4811	-2.7527	35	10	1.59	3.33E+05	67.15
7979	8.4811	-2.7527	35	15.9	2.53	4.74E+05	66.69
7980	8.4811	-2.7527	35	25.1	3.99	6.64E+05	65.7
7981	8.4811	-2.7527	35	39.8	6.33	9.31E+05	64.6
7982	8.4811	-2.7527	35	63.1	10.04	1.29E+06	63.41
7983	8.4811	-2.7527	35	100	15.92	1.77E+06	62.01
7984	8.4811	-2.7527	45	1	0.16	1.20E+04	60.22
7985	8.4811	-2.7527	45	1.59	0.25	1.65E+04	61.56
7986	8.4811	-2.7527	45	2.51	0.4	2.24E+04	63.04
7987	8.4811	-2.7527	45	3.98	0.63	3.10E+04	64.4
7988	8.4811	-2.7527	45	6.31	1	4.30E+04	65.86
7989	8.4811	-2.7527	45	10	1.59	6.20E+04	66.78
7990	8.4811	-2.7527	45	15.9	2.53	8.72E+04	67.89
7991	8.4811	-2.7527	45	25.1	3.99	1.23E+05	68.61
7992	8.4811	-2.7527	45	39.8	6.33	1.76E+05	69.49
7993	8.4811	-2.7527	45	63.1	10.04	2.51E+05	69.64
7994	8.4811	-2.7527	45	100	15.92	3.55E+05	69.8
7995	8.4811	-2.7527	60	1	0.16	1.74E+03	54.09
7996	8.4811	-2.7527	60	1.59	0.25	2.32E+03	55.73
7997	8.4811	-2.7527	60	2.51	0.4	3.09E+03	56.86
7998	8.4811	-2.7527	60	3.98	0.63	4.14E+03	57.97
7999	8.4811	-2.7527	60	6.31	1	5.58E+03	59.08
8000	8.4811	-2.7527	60	10	1.59	7.55E+03	60.71
8001	8.4811	-2.7527	60	15.9	2.53	1.03E+04	61.76
8002	8.4811	-2.7527	60	25.1	3.99	1.42E+04	63.21
8003	8.4811	-2.7527	60	39.8	6.33	1.95E+04	64.58
8004	8.4811	-2.7527	60	63.1	10.04	2.70E+04	66.19
8005	8.4811	-2.7527	60	100	15.92	3.79E+04	67.8
8006	8.4811	-2.7527	70	1	0.16	8.23E+02	49.92
8007	8.4811	-2.7527	70	1.59	0.25	1.07E+03	52.31
8008	8.4811	-2.7527	70	2.51	0.4	1.42E+03	53.88
8009	8.4811	-2.7527	70	3.98	0.63	1.87E+03	55.18
8010	8.4811	-2.7527	70	6.31	1	2.50E+03	56.53
8011	8.4811	-2.7527	70	10	1.59	3.37E+03	57.45
8012	8.4811	-2.7527	70	15.9	2.53	4.53E+03	58.78
8013	8.4811	-2.7527	70	25.1	3.99	6.11E+03	59.86
8014	8.4811	-2.7527	70	39.8	6.33	8.29E+03	60.99
8015	8.4811	-2.7527	70	63.1	10.04	1.13E+04	62.29

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8016	8.4811	-2.7527	70	100	15.92	1.54E+04	63.72
8017	8.4811	-2.7527	80	1	0.16	3.86E+02	51.12
8018	8.4811	-2.7527	80	1.59	0.25	5.05E+02	53.38
8019	8.4811	-2.7527	80	2.51	0.4	6.68E+02	54.97
8020	8.4811	-2.7527	80	3.98	0.63	8.89E+02	56.21
8021	8.4811	-2.7527	80	6.31	1	1.19E+03	57.37
8022	8.4811	-2.7527	80	10	1.59	1.63E+03	57.94
8023	8.4811	-2.7527	80	15.9	2.53	2.19E+03	58.67
8024	8.4811	-2.7527	80	25.1	3.99	2.96E+03	59.32
8025	8.4811	-2.7527	80	39.8	6.33	4.00E+03	60
8026	8.4811	-2.7527	80	63.1	10.04	5.41E+03	60.73
8027	8.4811	-2.7527	80	100	15.92	7.33E+03	61.66
8028	8.4811	-2.7527	95	1	0.16	1.43E+02	58.16
8029	8.4811	-2.7527	95	1.59	0.25	1.89E+02	57.72
8030	8.4811	-2.7527	95	2.51	0.4	2.52E+02	58.47
8031	8.4811	-2.7527	95	3.98	0.63	3.37E+02	58.94
8032	8.4811	-2.7527	95	6.31	1	4.56E+02	59.67
8033	8.4811	-2.7527	95	10	1.59	6.22E+02	59.91
8034	8.4811	-2.7527	95	15.9	2.53	8.46E+02	60.22
8035	8.4811	-2.7527	95	25.1	3.99	1.15E+03	60.58
8036	8.4811	-2.7527	95	39.8	6.33	1.56E+03	60.83
8037	8.4811	-2.7527	95	63.1	10.04	2.13E+03	61.16
8038	8.4811	-2.7527	95	100	15.92	2.89E+03	61.38
8039	8.4811	-2.7527	105	1	0.16	7.38E+01	64.75
8040	8.4811	-2.7527	105	1.59	0.25	9.92E+01	64.42
8041	8.4811	-2.7527	105	2.51	0.4	1.34E+02	64.69
8042	8.4811	-2.7527	105	3.98	0.63	1.82E+02	64.55
8043	8.4811	-2.7527	105	6.31	1	2.48E+02	64.49
8044	8.4811	-2.7527	105	10	1.59	3.48E+02	63.48
8045	8.4811	-2.7527	105	15.9	2.53	4.81E+02	63.21
8046	8.4811	-2.7527	105	25.1	3.99	6.66E+02	62.99
8047	8.4811	-2.7527	105	39.8	6.33	9.13E+02	62.93
8048	8.4811	-2.7527	105	63.1	10.04	1.25E+03	62.74
8049	8.4811	-2.7527	105	100	15.92	1.72E+03	62.64
8050	8.4811	-2.7527	115	1	0.16	4.70E+01	68.06
8051	8.4811	-2.7527	115	1.59	0.25	6.01E+01	69.01
8052	8.4811	-2.7527	115	2.51	0.4	8.07E+01	69.33
8053	8.4811	-2.7527	115	3.98	0.63	1.09E+02	69.56

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8054	8.4811	-2.7527	115	6.31	1	1.49E+02	69.37
8055	8.4811	-2.7527	115	10	1.59	2.11E+02	67.93
8056	8.4811	-2.7527	115	15.9	2.53	2.97E+02	66.99
8057	8.4811	-2.7527	115	25.1	3.99	4.15E+02	66.14
8058	8.4811	-2.7527	115	39.8	6.33	5.81E+02	65.53
8059	8.4811	-2.7527	115	63.1	10.04	8.08E+02	64.9
8060	8.4811	-2.7527	115	100	15.92	1.11E+03	64.2
8061	8.4449	-2.7331	15	1	0.16	7.45E+06	41.41
8062	8.4449	-2.7331	15	1.59	0.25	9.09E+06	39.73
8063	8.4449	-2.7331	15	2.51	0.4	1.10E+07	38.75
8064	8.4449	-2.7331	15	3.98	0.63	1.33E+07	37.15
8065	8.4449	-2.7331	15	6.31	1	1.60E+07	35.72
8066	8.4449	-2.7331	15	10	1.59	1.93E+07	34.74
8067	8.4449	-2.7331	15	15.9	2.53	2.31E+07	34.15
8068	8.4449	-2.7331	15	25.1	3.99	2.74E+07	33.25
8069	8.4449	-2.7331	15	39.8	6.33	3.23E+07	32.96
8070	8.4449	-2.7331	15	63.1	10.04	3.77E+07	29.75
8071	8.4449	-2.7331	15	100	15.92	4.36E+07	29.69
8072	8.4449	-2.7331	25	1	0.16	1.42E+06	53.02
8073	8.4449	-2.7331	25	1.59	0.25	1.85E+06	51.47
8074	8.4449	-2.7331	25	2.51	0.4	2.41E+06	50.14
8075	8.4449	-2.7331	25	3.98	0.63	3.10E+06	48.5
8076	8.4449	-2.7331	25	6.31	1	3.94E+06	46.84
8077	8.4449	-2.7331	25	10	1.59	4.98E+06	45.68
8078	8.4449	-2.7331	25	15.9	2.53	6.26E+06	44.34
8079	8.4449	-2.7331	25	25.1	3.99	7.81E+06	43.04
8080	8.4449	-2.7331	25	39.8	6.33	9.52E+06	41.67
8081	8.4449	-2.7331	25	63.1	10.04	1.17E+07	40.46
8082	8.4449	-2.7331	25	100	15.92	1.42E+07	39.41
8083	8.4449	-2.7331	35	1	0.16	2.12E+05	61.51
8084	8.4449	-2.7331	35	1.59	0.25	2.91E+05	60.97
8085	8.4449	-2.7331	35	2.51	0.4	3.96E+05	60.25
8086	8.4449	-2.7331	35	3.98	0.63	5.38E+05	59.18
8087	8.4449	-2.7331	35	6.31	1	7.25E+05	57.98
8088	8.4449	-2.7331	35	10	1.59	9.90E+05	56.7
8089	8.4449	-2.7331	35	15.9	2.53	1.31E+06	55.57
8090	8.4449	-2.7331	35	25.1	3.99	1.74E+06	54.4
8091	8.4449	-2.7331	35	39.8	6.33	2.28E+06	52.66

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8092	8.4449	-2.7331	35	63.1	10.04	2.96E+06	51.34
8093	8.4449	-2.7331	35	100	15.92	3.80E+06	50.04
8094	8.4449	-2.7331	45	1	0.16	4.31E+04	61.95
8095	8.4449	-2.7331	45	1.59	0.25	5.92E+04	62.83
8096	8.4449	-2.7331	45	2.51	0.4	8.14E+04	63.23
8097	8.4449	-2.7331	45	3.98	0.63	1.13E+05	63.3
8098	8.4449	-2.7331	45	6.31	1	1.55E+05	63.49
8099	8.4449	-2.7331	45	10	1.59	2.22E+05	62.75
8100	8.4449	-2.7331	45	15.9	2.53	3.06E+05	62.14
8101	8.4449	-2.7331	45	25.1	3.99	4.19E+05	61.47
8102	8.4449	-2.7331	45	39.8	6.33	5.73E+05	60.81
8103	8.4449	-2.7331	45	63.1	10.04	7.78E+05	59.9
8104	8.4449	-2.7331	45	100	15.92	1.04E+06	58.97
8105	8.4449	-2.7331	60	1	0.16	4.32E+03	59.56
8106	8.4449	-2.7331	60	1.59	0.25	5.81E+03	59.98
8107	8.4449	-2.7331	60	2.51	0.4	7.90E+03	60.85
8108	8.4449	-2.7331	60	3.98	0.63	1.07E+04	61.72
8109	8.4449	-2.7331	60	6.31	1	1.47E+04	62.63
8110	8.4449	-2.7331	60	10	1.59	2.08E+04	64.35
8111	8.4449	-2.7331	60	15.9	2.53	2.87E+04	64.73
8112	8.4449	-2.7331	60	25.1	3.99	4.01E+04	65.67
8113	8.4449	-2.7331	60	39.8	6.33	5.59E+04	66.29
8114	8.4449	-2.7331	60	63.1	10.04	7.85E+04	67.02
8115	8.4449	-2.7331	60	100	15.92	1.10E+05	67.62
8116	8.4449	-2.7331	70	1	0.16	1.64E+03	57.75
8117	8.4449	-2.7331	70	1.59	0.25	2.19E+03	58.18
8118	8.4449	-2.7331	70	2.51	0.4	2.96E+03	59.07
8119	8.4449	-2.7331	70	3.98	0.63	4.00E+03	59.92
8120	8.4449	-2.7331	70	6.31	1	5.43E+03	60.72
8121	8.4449	-2.7331	70	10	1.59	7.54E+03	61.5
8122	8.4449	-2.7331	70	15.9	2.53	1.03E+04	62.22
8123	8.4449	-2.7331	70	25.1	3.99	1.42E+04	63.46
8124	8.4449	-2.7331	70	39.8	6.33	1.96E+04	64.43
8125	8.4449	-2.7331	70	63.1	10.04	2.72E+04	65.47
8126	8.4449	-2.7331	70	100	15.92	3.79E+04	66.53
8127	8.4449	-2.7331	80	1	0.16	6.93E+02	56.7
8128	8.4449	-2.7331	80	1.59	0.25	9.24E+02	58.22
8129	8.4449	-2.7331	80	2.51	0.4	1.24E+03	58.96

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8130	8.4449	-2.7331	80	3.98	0.63	1.68E+03	59.75
8131	8.4449	-2.7331	80	6.31	1	2.28E+03	60.38
8132	8.4449	-2.7331	80	10	1.59	3.12E+03	60.88
8133	8.4449	-2.7331	80	15.9	2.53	4.25E+03	61.64
8134	8.4449	-2.7331	80	25.1	3.99	5.80E+03	62.33
8135	8.4449	-2.7331	80	39.8	6.33	7.94E+03	63.16
8136	8.4449	-2.7331	80	63.1	10.04	1.09E+04	64.08
8137	8.4449	-2.7331	80	100	15.92	1.50E+04	65.1
8138	8.4449	-2.7331	95	1	0.16	2.33E+02	63.72
8139	8.4449	-2.7331	95	1.59	0.25	2.38E+02	54.24
8140	8.4449	-2.7331	95	2.51	0.4	3.51E+02	64.07
8141	8.4449	-2.7331	95	3.98	0.63	4.74E+02	63.92
8142	8.4449	-2.7331	95	6.31	1	6.56E+02	63.65
8143	8.4449	-2.7331	95	10	1.59	9.36E+02	65.29
8144	8.4449	-2.7331	95	15.9	2.53	1.30E+03	65.18
8145	8.4449	-2.7331	95	25.1	3.99	1.83E+03	68.87
8146	8.4449	-2.7331	95	39.8	6.33	2.48E+03	65.57
8147	8.4449	-2.7331	95	63.1	10.04	3.45E+03	65.87
8148	8.4449	-2.7331	95	100	15.92	4.78E+03	66.62
8149	8.4449	-2.7331	105	1	0.16	1.02E+02	59.39
8150	8.4449	-2.7331	105	1.59	0.25	1.18E+02	68.59
8151	8.4449	-2.7331	105	2.51	0.4	1.79E+02	64.74
8152	8.4449	-2.7331	105	3.98	0.63	2.44E+02	64.47
8153	8.4449	-2.7331	105	6.31	1	3.48E+02	64.19
8154	8.4449	-2.7331	105	10	1.59	4.91E+02	65.04
8155	8.4449	-2.7331	105	15.9	2.53	6.79E+02	65.37
8156	8.4449	-2.7331	105	25.1	3.99	9.36E+02	65.85
8157	8.4449	-2.7331	105	39.8	6.33	1.32E+03	66.26
8158	8.4449	-2.7331	105	63.1	10.04	1.82E+03	65.5
8159	8.4449	-2.7331	105	100	15.92	2.54E+03	66.73
8160	8.4449	-2.7331	115	1	0.16	4.81E+01	61.54
8161	8.4449	-2.7331	115	1.59	0.25	7.36E+01	65.6
8162	8.4449	-2.7331	115	2.51	0.4	1.07E+02	64.96
8163	8.4449	-2.7331	115	3.98	0.63	1.49E+02	65.84
8164	8.4449	-2.7331	115	6.31	1	2.05E+02	65.44
8165	8.4449	-2.7331	115	10	1.59	2.94E+02	65.7
8166	8.4449	-2.7331	115	15.9	2.53	3.91E+02	64.37
8167	8.4449	-2.7331	115	25.1	3.99	5.48E+02	66.9

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8168	8.4449	-2.7331	115	39.8	6.33	7.74E+02	64.81
8169	8.4449	-2.7331	115	63.1	10.04	1.08E+03	66.29
8170	8.4449	-2.7331	115	100	15.92	1.51E+03	65.15
8171	8.7423	-2.8412	15	1	0.16	8.64E+06	38.71
8172	8.7423	-2.8412	15	1.59	0.25	1.04E+07	37.19
8173	8.7423	-2.8412	15	2.51	0.4	1.24E+07	35.75
8174	8.7423	-2.8412	15	3.98	0.63	1.48E+07	34.63
8175	8.7423	-2.8412	15	6.31	1	1.77E+07	33.4
8176	8.7423	-2.8412	15	10	1.59	2.15E+07	33.74
8177	8.7423	-2.8412	15	15.9	2.53	2.52E+07	33.94
8178	8.7423	-2.8412	15	25.1	3.99	2.88E+07	30.46
8179	8.7423	-2.8412	15	39.8	6.33	3.35E+07	29.81
8180	8.7423	-2.8412	15	63.1	10.04	3.90E+07	29.13
8181	8.7423	-2.8412	15	100	15.92	4.41E+07	27.71
8182	8.7423	-2.8412	25	1	0.16	1.91E+06	49.22
8183	8.7423	-2.8412	25	1.59	0.25	2.44E+06	47.57
8184	8.7423	-2.8412	25	2.51	0.4	3.09E+06	46.16
8185	8.7423	-2.8412	25	3.98	0.63	3.87E+06	44.6
8186	8.7423	-2.8412	25	6.31	1	4.82E+06	43.06
8187	8.7423	-2.8412	25	10	1.59	6.08E+06	42.38
8188	8.7423	-2.8412	25	15.9	2.53	7.52E+06	40.86
8189	8.7423	-2.8412	25	25.1	3.99	9.05E+06	39.53
8190	8.7423	-2.8412	25	39.8	6.33	1.11E+07	38.09
8191	8.7423	-2.8412	25	63.1	10.04	1.33E+07	37.57
8192	8.7423	-2.8412	25	100	15.92	1.59E+07	36.91
8193	8.7423	-2.8412	35	1	0.16	3.10E+05	59
8194	8.7423	-2.8412	35	1.59	0.25	4.20E+05	58.12
8195	8.7423	-2.8412	35	2.51	0.4	5.63E+05	56.81
8196	8.7423	-2.8412	35	3.98	0.63	7.53E+05	55.51
8197	8.7423	-2.8412	35	6.31	1	9.95E+05	54.21
8198	8.7423	-2.8412	35	10	1.59	1.32E+06	52.97
8199	8.7423	-2.8412	35	15.9	2.53	1.73E+06	51.61
8200	8.7423	-2.8412	35	25.1	3.99	2.22E+06	50.3
8201	8.7423	-2.8412	35	39.8	6.33	2.85E+06	48.84
8202	8.7423	-2.8412	35	63.1	10.04	3.62E+06	47.5
8203	8.7423	-2.8412	35	100	15.92	4.56E+06	46.59
8204	8.7423	-2.8412	45	1	0.16	6.17E+04	62.14
8205	8.7423	-2.8412	45	1.59	0.25	8.38E+04	62.12

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8206	8.7423	-2.8412	45	2.51	0.4	1.15E+05	62.3
8207	8.7423	-2.8412	45	3.98	0.63	1.57E+05	61.78
8208	8.7423	-2.8412	45	6.31	1	2.13E+05	61.44
8209	8.7423	-2.8412	45	10	1.59	3.02E+05	60.26
8210	8.7423	-2.8412	45	15.9	2.53	4.08E+05	59.47
8211	8.7423	-2.8412	45	25.1	3.99	5.52E+05	58.3
8212	8.7423	-2.8412	45	39.8	6.33	7.40E+05	57.57
8213	8.7423	-2.8412	45	63.1	10.04	9.86E+05	56.46
8214	8.7423	-2.8412	45	100	15.92	1.30E+06	55.45
8215	8.7423	-2.8412	60	1	0.16	6.69E+03	62.76
8216	8.7423	-2.8412	60	1.59	0.25	9.15E+03	62.29
8217	8.7423	-2.8412	60	2.51	0.4	1.26E+04	62.63
8218	8.7423	-2.8412	60	3.98	0.63	1.73E+04	63.21
8219	8.7423	-2.8412	60	6.31	1	2.38E+04	63.56
8220	8.7423	-2.8412	60	10	1.59	3.29E+04	64.09
8221	8.7423	-2.8412	60	15.9	2.53	4.58E+04	64.5
8222	8.7423	-2.8412	60	25.1	3.99	6.36E+04	64.94
8223	8.7423	-2.8412	60	39.8	6.33	8.86E+04	65.29
8224	8.7423	-2.8412	60	63.1	10.04	1.24E+05	65.62
8225	8.7423	-2.8412	60	100	15.92	1.73E+05	65.59
8226	8.7423	-2.8412	70	1	0.16	2.11E+03	63.02
8227	8.7423	-2.8412	70	1.59	0.25	2.94E+03	62.97
8228	8.7423	-2.8412	70	2.51	0.4	4.03E+03	62.74
8229	8.7423	-2.8412	70	3.98	0.63	5.54E+03	62.87
8230	8.7423	-2.8412	70	6.31	1	7.61E+03	63.21
8231	8.7423	-2.8412	70	10	1.59	1.05E+04	63.41
8232	8.7423	-2.8412	70	15.9	2.53	1.44E+04	63.97
8233	8.7423	-2.8412	70	25.1	3.99	1.99E+04	64.43
8234	8.7423	-2.8412	70	39.8	6.33	2.76E+04	65.16
8235	8.7423	-2.8412	70	63.1	10.04	3.84E+04	65.86
8236	8.7423	-2.8412	70	100	15.92	5.34E+04	66.52
8237	8.7423	-2.8412	80	1	0.16	7.50E+02	65.1
8238	8.7423	-2.8412	80	1.59	0.25	1.05E+03	65.04
8239	8.7423	-2.8412	80	2.51	0.4	1.45E+03	65.01
8240	8.7423	-2.8412	80	3.98	0.63	2.02E+03	65.03
8241	8.7423	-2.8412	80	6.31	1	2.81E+03	64.92
8242	8.7423	-2.8412	80	10	1.59	3.90E+03	64.72
8243	8.7423	-2.8412	80	15.9	2.53	5.38E+03	64.83

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8244	8.7423	-2.8412	80	25.1	3.99	7.44E+03	64.98
8245	8.7423	-2.8412	80	39.8	6.33	1.03E+04	65.36
8246	8.7423	-2.8412	80	63.1	10.04	1.42E+04	65.88
8247	8.7423	-2.8412	80	100	15.92	1.96E+04	66.56
8248	8.7423	-2.8412	95	1	0.16	1.84E+02	68.79
8249	8.7423	-2.8412	95	1.59	0.25	2.33E+02	73.54
8250	8.7423	-2.8412	95	2.51	0.4	3.39E+02	69.14
8251	8.7423	-2.8412	95	3.98	0.63	4.90E+02	69.9
8252	8.7423	-2.8412	95	6.31	1	7.08E+02	69.45
8253	8.7423	-2.8412	95	10	1.59	9.87E+02	70.94
8254	8.7423	-2.8412	95	15.9	2.53	1.48E+03	69.61
8255	8.7423	-2.8412	95	25.1	3.99	2.13E+03	70.32
8256	8.7423	-2.8412	95	39.8	6.33	2.90E+03	68.74
8257	8.7423	-2.8412	95	63.1	10.04	4.12E+03	68.69
8258	8.7423	-2.8412	95	100	15.92	5.67E+03	69.22
8259	8.7423	-2.8412	105	1	0.16	8.85E+01	76.31
8260	8.7423	-2.8412	105	1.59	0.25	1.11E+02	75.19
8261	8.7423	-2.8412	105	2.51	0.4	1.66E+02	73.68
8262	8.7423	-2.8412	105	3.98	0.63	2.34E+02	72.7
8263	8.7423	-2.8412	105	6.31	1	3.39E+02	71.86
8264	8.7423	-2.8412	105	10	1.59	5.00E+02	72.67
8265	8.7423	-2.8412	105	15.9	2.53	7.18E+02	71.65
8266	8.7423	-2.8412	105	25.1	3.99	1.02E+03	71.1
8267	8.7423	-2.8412	105	39.8	6.33	1.44E+03	70.62
8268	8.7423	-2.8412	105	63.1	10.04	2.05E+03	70.03
8269	8.7423	-2.8412	105	100	15.92	2.88E+03	69.83
8270	8.7423	-2.8412	115	1	0.16	4.01E+01	89.54
8271	8.7423	-2.8412	115	1.59	0.25	5.56E+01	74.88
8272	8.7423	-2.8412	115	2.51	0.4	8.41E+01	76.57
8273	8.7423	-2.8412	115	3.98	0.63	1.22E+02	74.77
8274	8.7423	-2.8412	115	6.31	1	1.79E+02	73.95
8275	8.7423	-2.8412	115	10	1.59	2.58E+02	73.11
8276	8.7423	-2.8412	115	15.9	2.53	3.88E+02	72.71
8277	8.7423	-2.8412	115	25.1	3.99	5.58E+02	74.62
8278	8.7423	-2.8412	115	39.8	6.33	7.82E+02	71.6
8279	8.7423	-2.8412	115	63.1	10.04	1.12E+03	70.46
8280	8.7423	-2.8412	115	100	15.92	1.60E+03	70.09
8281	10.802	-3.6127	15	1	0.16	3.01E+06	57.02

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8282	10.802	-3.6127	15	1.59	0.25	3.88E+06	56.06
8283	10.802	-3.6127	15	2.51	0.4	4.98E+06	55
8284	10.802	-3.6127	15	3.98	0.63	6.34E+06	53.88
8285	10.802	-3.6127	15	6.31	1	7.99E+06	52.88
8286	10.802	-3.6127	15	10	1.59	5.91E+06	61.12
8287	10.802	-3.6127	15	15.9	2.53	5.89E+06	62.81
8288	10.802	-3.6127	15	25.1	3.99	5.87E+06	63.6
8289	10.802	-3.6127	15	39.8	6.33	5.66E+06	64.27
8290	10.802	-3.6127	15	63.1	10.04	5.06E+06	64.83
8291	10.802	-3.6127	15	100	15.92	2.59E+06	65.57
8292	10.802	-3.6127	25	1	0.16	3.15E+05	67.65
8293	10.802	-3.6127	25	1.59	0.25	3.98E+05	67.4
8294	10.802	-3.6127	25	2.51	0.4	5.00E+05	67.09
8295	10.802	-3.6127	25	3.98	0.63	6.20E+05	66.7
8296	10.802	-3.6127	25	6.31	1	7.38E+05	66.56
8297	10.802	-3.6127	25	10	1.59	1.21E+06	60
8298	10.802	-3.6127	25	15.9	2.53	1.60E+06	58.83
8299	10.802	-3.6127	25	25.1	3.99	2.09E+06	57.66
8300	10.802	-3.6127	25	39.8	6.33	2.71E+06	56.51
8301	10.802	-3.6127	25	63.1	10.04	3.48E+06	55.33
8302	10.802	-3.6127	25	100	15.92	4.33E+06	54.31
8303	10.802	-3.6127	35	1	0.16	5.55E+04	73.67
8304	10.802	-3.6127	35	1.59	0.25	7.67E+04	72.78
8305	10.802	-3.6127	35	2.51	0.4	1.05E+05	71.95
8306	10.802	-3.6127	35	3.98	0.63	1.43E+05	71.2
8307	10.802	-3.6127	35	6.31	1	1.88E+05	70.69
8308	10.802	-3.6127	35	10	1.59	2.65E+05	68.21
8309	10.802	-3.6127	35	15.9	2.53	3.60E+05	67.46
8310	10.802	-3.6127	35	25.1	3.99	4.82E+05	66.77
8311	10.802	-3.6127	35	39.8	6.33	6.35E+05	66.12
8312	10.802	-3.6127	35	63.1	10.04	8.23E+05	65.53
8313	10.802	-3.6127	35	100	15.92	9.93E+05	65.16
8314	10.802	-3.6127	45	1	0.16	9.04E+03	80.05
8315	10.802	-3.6127	45	1.59	0.25	1.37E+04	78.96
8316	10.802	-3.6127	45	2.51	0.4	2.04E+04	77.87
8317	10.802	-3.6127	45	3.98	0.63	3.00E+04	76.62
8318	10.802	-3.6127	45	6.31	1	4.39E+04	75.67
8319	10.802	-3.6127	45	10	1.59	6.47E+04	74.14

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8320	10.802	-3.6127	45	15.9	2.53	9.40E+04	73.1
8321	10.802	-3.6127	45	25.1	3.99	1.36E+05	71.9
8322	10.802	-3.6127	45	39.8	6.33	1.95E+05	71.23
8323	10.802	-3.6127	45	63.1	10.04	2.79E+05	70.31
8324	10.802	-3.6127	45	100	15.92	3.95E+05	69.46
8325	10.802	-3.6127	60	1	0.16	6.54E+02	86.32
8326	10.802	-3.6127	60	1.59	0.25	1.02E+03	85.57
8327	10.802	-3.6127	60	2.51	0.4	1.58E+03	84.8
8328	10.802	-3.6127	60	3.98	0.63	2.43E+03	83.79
8329	10.802	-3.6127	60	6.31	1	3.72E+03	82.86
8330	10.802	-3.6127	60	10	1.59	5.67E+03	81.92
8331	10.802	-3.6127	60	15.9	2.53	8.59E+03	81.35
8332	10.802	-3.6127	60	25.1	3.99	1.29E+04	80.11
8333	10.802	-3.6127	60	39.8	6.33	1.94E+04	79.03
8334	10.802	-3.6127	60	63.1	10.04	2.89E+04	78.32
8335	10.802	-3.6127	60	100	15.92	4.30E+04	77.55
8336	10.802	-3.6127	70	1	0.16	1.74E+02	88.5
8337	10.802	-3.6127	70	1.59	0.25	2.73E+02	88.08
8338	10.802	-3.6127	70	2.51	0.4	4.29E+02	87.5
8339	10.802	-3.6127	70	3.98	0.63	6.71E+02	86.75
8340	10.802	-3.6127	70	6.31	1	1.04E+03	86.05
8341	10.802	-3.6127	70	10	1.59	1.62E+03	85.2
8342	10.802	-3.6127	70	15.9	2.53	2.50E+03	84.33
8343	10.802	-3.6127	70	25.1	3.99	3.83E+03	83.6
8344	10.802	-3.6127	70	39.8	6.33	5.86E+03	82.79
8345	10.802	-3.6127	70	63.1	10.04	8.91E+03	81.93
8346	10.802	-3.6127	70	100	15.92	1.34E+04	81.1
8347	10.802	-3.6127	80	1	0.16	5.43E+01	89.61
8348	10.802	-3.6127	80	1.59	0.25	8.61E+01	89.15
8349	10.802	-3.6127	80	2.51	0.4	1.36E+02	88.88
8350	10.802	-3.6127	80	3.98	0.63	2.15E+02	88.63
8351	10.802	-3.6127	80	6.31	1	3.36E+02	88.16
8352	10.802	-3.6127	80	10	1.59	5.30E+02	87.55
8353	10.802	-3.6127	80	15.9	2.53	8.24E+02	86.78
8354	10.802	-3.6127	80	25.1	3.99	1.29E+03	86.12
8355	10.802	-3.6127	80	39.8	6.33	1.99E+03	85.37
8356	10.802	-3.6127	80	63.1	10.04	3.06E+03	84.73
8357	10.802	-3.6127	80	100	15.92	4.68E+03	84.01

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8358	10.802	-3.6127	95	1	0.16	4.96E+00	91.43
8359	10.802	-3.6127	95	1.59	0.25	8.05E+00	88.78
8360	10.802	-3.6127	95	2.51	0.4	1.29E+01	89.27
8361	10.802	-3.6127	95	3.98	0.63	2.02E+01	89.52
8362	10.802	-3.6127	95	6.31	1	3.20E+01	89.31
8363	10.802	-3.6127	95	10	1.59	5.03E+01	89.72
8364	10.802	-3.6127	95	15.9	2.53	8.05E+01	89.08
8365	10.802	-3.6127	95	25.1	3.99	1.26E+02	88.79
8366	10.802	-3.6127	95	39.8	6.33	1.98E+02	88.63
8367	10.802	-3.6127	95	63.1	10.04	3.11E+02	88.1
8368	10.802	-3.6127	95	100	15.92	4.82E+02	87.55
8369	10.802	-3.6127	105	1	0.16	2.20E+00	87.8
8370	10.802	-3.6127	105	1.59	0.25	3.56E+00	88.84
8371	10.802	-3.6127	105	2.51	0.4	5.59E+00	89.4
8372	10.802	-3.6127	105	3.98	0.63	8.83E+00	89.43
8373	10.802	-3.6127	105	6.31	1	1.40E+01	89.36
8374	10.802	-3.6127	105	10	1.59	2.21E+01	90.3
8375	10.802	-3.6127	105	15.9	2.53	3.48E+01	88.82
8376	10.802	-3.6127	105	25.1	3.99	5.59E+01	89.16
8377	10.802	-3.6127	105	39.8	6.33	8.76E+01	89.15
8378	10.802	-3.6127	105	63.1	10.04	1.38E+02	88.8
8379	10.802	-3.6127	105	100	15.92	2.16E+02	88.46
8380	10.802	-3.6127	115	1	0.16	1.09E+00	91.19
8381	10.802	-3.6127	115	1.59	0.25	1.73E+00	89.3
8382	10.802	-3.6127	115	2.51	0.4	2.72E+00	88.9
8383	10.802	-3.6127	115	3.98	0.63	4.28E+00	89.15
8384	10.802	-3.6127	115	6.31	1	6.80E+00	89.49
8385	10.802	-3.6127	115	10	1.59	1.08E+01	89.62
8386	10.802	-3.6127	115	15.9	2.53	1.66E+01	88.84
8387	10.802	-3.6127	115	25.1	3.99	2.66E+01	88.41
8388	10.802	-3.6127	115	39.8	6.33	4.24E+01	89.53
8389	10.802	-3.6127	115	63.1	10.04	6.69E+01	89.31
8390	10.802	-3.6127	115	100	15.92	1.05E+02	88.97
8391	10.203	-3.3845	15	1	0.16	6.61E+06	46.96
8392	10.203	-3.3845	15	1.59	0.25	8.04E+06	46.33
8393	10.203	-3.3845	15	2.51	0.4	9.83E+06	45.55
8394	10.203	-3.3845	15	3.98	0.63	1.20E+07	44.68
8395	10.203	-3.3845	15	6.31	1	1.45E+07	43.92

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8396	10.203	-3.3845	15	10	1.59	8.70E+06	56.28
8397	10.203	-3.3845	15	15.9	2.53	7.32E+06	57.28
8398	10.203	-3.3845	15	25.1	3.99	2.76E+06	43.74
8399	10.203	-3.3845	15	39.8	6.33	1.23E+06	37.67
8400	10.203	-3.3845	15	63.1	10.04	3.88E+05	42.09
8401	10.203	-3.3845	15	100	15.92	4.65E+05	51.86
8402	10.203	-3.3845	25	1	0.16	8.42E+05	60.38
8403	10.203	-3.3845	25	1.59	0.25	9.69E+05	61.02
8404	10.203	-3.3845	25	2.51	0.4	1.14E+06	61.27
8405	10.203	-3.3845	25	3.98	0.63	1.34E+06	61.33
8406	10.203	-3.3845	25	6.31	1	1.51E+06	61.49
8407	10.203	-3.3845	25	10	1.59	2.46E+06	52.7
8408	10.203	-3.3845	25	15.9	2.53	3.07E+06	51.73
8409	10.203	-3.3845	25	25.1	3.99	3.80E+06	50.77
8410	10.203	-3.3845	25	39.8	6.33	4.66E+06	49.88
8411	10.203	-3.3845	25	63.1	10.04	5.69E+06	48.98
8412	10.203	-3.3845	25	100	15.92	6.68E+06	48.28
8413	10.203	-3.3845	35	1	0.16	1.82E+05	64.94
8414	10.203	-3.3845	35	1.59	0.25	2.28E+05	64.86
8415	10.203	-3.3845	35	2.51	0.4	2.88E+05	64.62
8416	10.203	-3.3845	35	3.98	0.63	3.62E+05	64.39
8417	10.203	-3.3845	35	6.31	1	4.45E+05	64.34
8418	10.203	-3.3845	35	10	1.59	4.90E+05	64.65
8419	10.203	-3.3845	35	15.9	2.53	4.91E+05	65.51
8420	10.203	-3.3845	35	25.1	3.99	4.52E+05	65.77
8421	10.203	-3.3845	35	39.8	6.33	3.43E+05	66.02
8422	10.203	-3.3845	35	63.1	10.04	2.33E+05	66.25
8423	10.203	-3.3845	35	100	15.92	1.02E+05	66.04
8424	10.203	-3.3845	45	1	0.16	3.15E+04	72.6
8425	10.203	-3.3845	45	1.59	0.25	4.40E+04	71.59
8426	10.203	-3.3845	45	2.51	0.4	6.10E+04	70.69
8427	10.203	-3.3845	45	3.98	0.63	8.34E+04	69.88
8428	10.203	-3.3845	45	6.31	1	1.12E+05	69.34
8429	10.203	-3.3845	45	10	1.59	1.73E+05	66.39
8430	10.203	-3.3845	45	15.9	2.53	2.32E+05	65.94
8431	10.203	-3.3845	45	25.1	3.99	3.07E+05	65.56
8432	10.203	-3.3845	45	39.8	6.33	4.03E+05	65.31
8433	10.203	-3.3845	45	63.1	10.04	5.22E+05	65.14

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8434	10.203	-3.3845	45	100	15.92	6.37E+05	65.22
8435	10.203	-3.3845	60	1	0.16	2.67E+03	81.47
8436	10.203	-3.3845	60	1.59	0.25	4.00E+03	79.92
8437	10.203	-3.3845	60	2.51	0.4	5.97E+03	78.71
8438	10.203	-3.3845	60	3.98	0.63	8.84E+03	77.37
8439	10.203	-3.3845	60	6.31	1	1.30E+04	76.1
8440	10.203	-3.3845	60	10	1.59	1.96E+04	74.76
8441	10.203	-3.3845	60	15.9	2.53	2.86E+04	73.53
8442	10.203	-3.3845	60	25.1	3.99	4.15E+04	72.44
8443	10.203	-3.3845	60	39.8	6.33	5.99E+04	71.45
8444	10.203	-3.3845	60	63.1	10.04	8.60E+04	70.6
8445	10.203	-3.3845	60	100	15.92	1.23E+05	69.66
8446	10.203	-3.3845	70	1	0.16	6.43E+02	85.44
8447	10.203	-3.3845	70	1.59	0.25	9.96E+02	84.36
8448	10.203	-3.3845	70	2.51	0.4	1.53E+03	83.35
8449	10.203	-3.3845	70	3.98	0.63	2.33E+03	82.29
8450	10.203	-3.3845	70	6.31	1	3.54E+03	81.18
8451	10.203	-3.3845	70	10	1.59	5.36E+03	79.73
8452	10.203	-3.3845	70	15.9	2.53	8.04E+03	78.68
8453	10.203	-3.3845	70	25.1	3.99	1.20E+04	77.49
8454	10.203	-3.3845	70	39.8	6.33	1.77E+04	76.38
8455	10.203	-3.3845	70	63.1	10.04	2.60E+04	75.37
8456	10.203	-3.3845	70	100	15.92	3.78E+04	74.44
8457	10.203	-3.3845	80	1	0.16	1.76E+02	88.01
8458	10.203	-3.3845	80	1.59	0.25	2.77E+02	87.43
8459	10.203	-3.3845	80	2.51	0.4	4.32E+02	86.75
8460	10.203	-3.3845	80	3.98	0.63	6.71E+02	86
8461	10.203	-3.3845	80	6.31	1	1.04E+03	85.19
8462	10.203	-3.3845	80	10	1.59	1.60E+03	83.88
8463	10.203	-3.3845	80	15.9	2.53	2.44E+03	82.92
8464	10.203	-3.3845	80	25.1	3.99	3.71E+03	81.97
8465	10.203	-3.3845	80	39.8	6.33	5.57E+03	81.04
8466	10.203	-3.3845	80	63.1	10.04	8.30E+03	80.09
8467	10.203	-3.3845	80	100	15.92	1.20E+04	79.2
8468	10.203	-3.3845	95	1	0.16	1.31E+01	88.73
8469	10.203	-3.3845	95	1.59	0.25	2.10E+01	88.93
8470	10.203	-3.3845	95	2.51	0.4	3.27E+01	88.96
8471	10.203	-3.3845	95	3.98	0.63	5.17E+01	88.62

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8472	10.203	-3.3845	95	6.31	1	8.13E+01	88.16
8473	10.203	-3.3845	95	10	1.59	1.27E+02	87.69
8474	10.203	-3.3845	95	15.9	2.53	1.98E+02	87.15
8475	10.203	-3.3845	95	25.1	3.99	3.11E+02	86.5
8476	10.203	-3.3845	95	39.8	6.33	4.79E+02	85.61
8477	10.203	-3.3845	95	63.1	10.04	7.41E+02	84.96
8478	10.203	-3.3845	95	100	15.92	1.14E+03	83.93
8479	10.203	-3.3845	105	1	0.16	5.18E+00	88.99
8480	10.203	-3.3845	105	1.59	0.25	8.06E+00	89.95
8481	10.203	-3.3845	105	2.51	0.4	1.27E+01	90.17
8482	10.203	-3.3845	105	3.98	0.63	2.02E+01	89.24
8483	10.203	-3.3845	105	6.31	1	3.19E+01	89.08
8484	10.203	-3.3845	105	10	1.59	5.06E+01	88.79
8485	10.203	-3.3845	105	15.9	2.53	7.93E+01	88.78
8486	10.203	-3.3845	105	25.1	3.99	1.25E+02	88.24
8487	10.203	-3.3845	105	39.8	6.33	1.96E+02	87.43
8488	10.203	-3.3845	105	63.1	10.04	3.06E+02	86.75
8489	10.203	-3.3845	105	100	15.92	4.74E+02	86.05
8490	10.203	-3.3845	115	1	0.16	2.26E+00	88.68
8491	10.203	-3.3845	115	1.59	0.25	3.57E+00	90.37
8492	10.203	-3.3845	115	2.51	0.4	5.67E+00	89.69
8493	10.203	-3.3845	115	3.98	0.63	8.97E+00	89.43
8494	10.203	-3.3845	115	6.31	1	1.42E+01	89.42
8495	10.203	-3.3845	115	10	1.59	2.23E+01	89.43
8496	10.203	-3.3845	115	15.9	2.53	3.53E+01	89.24
8497	10.203	-3.3845	115	25.1	3.99	5.58E+01	89.02
8498	10.203	-3.3845	115	39.8	6.33	8.79E+01	88.55
8499	10.203	-3.3845	115	63.1	10.04	1.38E+02	88.24
8500	10.203	-3.3845	115	100	15.92	2.16E+02	87.6
8501	10.448	-3.4589	15	1	0.16	1.23E+07	39.62
8502	10.448	-3.4589	15	1.59	0.25	1.49E+07	38.38
8503	10.448	-3.4589	15	2.51	0.4	1.80E+07	37.05
8504	10.448	-3.4589	15	3.98	0.63	2.16E+07	36.96
8505	10.448	-3.4589	15	6.31	1	2.55E+07	35.43
8506	10.448	-3.4589	15	10	1.59	3.26E+07	34.16
8507	10.448	-3.4589	15	15.9	2.53	3.87E+07	34.19
8508	10.448	-3.4589	15	25.1	3.99	4.31E+07	33.59
8509	10.448	-3.4589	15	39.8	6.33	5.06E+07	32.44

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8510	10.448	-3.4589	15	63.1	10.04	5.81E+07	30.84
8511	10.448	-3.4589	15	100	15.92	6.75E+07	30.52
8512	10.448	-3.4589	25	1	0.16	3.16E+06	46.49
8513	10.448	-3.4589	25	1.59	0.25	4.00E+06	45.14
8514	10.448	-3.4589	25	2.51	0.4	4.99E+06	44.09
8515	10.448	-3.4589	25	3.98	0.63	6.25E+06	42.91
8516	10.448	-3.4589	25	6.31	1	7.70E+06	41.66
8517	10.448	-3.4589	25	10	1.59	9.66E+06	42.49
8518	10.448	-3.4589	25	15.9	2.53	1.18E+07	40.19
8519	10.448	-3.4589	25	25.1	3.99	1.46E+07	38.82
8520	10.448	-3.4589	25	39.8	6.33	1.75E+07	38.53
8521	10.448	-3.4589	25	63.1	10.04	2.10E+07	37.9
8522	10.448	-3.4589	25	100	15.92	2.47E+07	36.88
8523	10.448	-3.4589	35	1	0.16	7.04E+05	53.43
8524	10.448	-3.4589	35	1.59	0.25	9.25E+05	52.17
8525	10.448	-3.4589	35	2.51	0.4	1.20E+06	50.95
8526	10.448	-3.4589	35	3.98	0.63	1.55E+06	50.04
8527	10.448	-3.4589	35	6.31	1	1.99E+06	48.95
8528	10.448	-3.4589	35	10	1.59	2.57E+06	47.98
8529	10.448	-3.4589	35	15.9	2.53	3.27E+06	47.36
8530	10.448	-3.4589	35	25.1	3.99	4.15E+06	46.33
8531	10.448	-3.4589	35	39.8	6.33	5.21E+06	45.31
8532	10.448	-3.4589	35	63.1	10.04	6.51E+06	44.26
8533	10.448	-3.4589	35	100	15.92	8.06E+06	43.12
8534	10.448	-3.4589	45	1	0.16	1.17E+05	65.19
8535	10.448	-3.4589	45	1.59	0.25	1.43E+05	65.4
8536	10.448	-3.4589	45	2.51	0.4	1.78E+05	65.32
8537	10.448	-3.4589	45	3.98	0.63	2.20E+05	65.26
8538	10.448	-3.4589	45	6.31	1	2.67E+05	65.38
8539	10.448	-3.4589	45	10	1.59	4.65E+05	58.96
8540	10.448	-3.4589	45	15.9	2.53	5.99E+05	58.43
8541	10.448	-3.4589	45	25.1	3.99	7.64E+05	57.94
8542	10.448	-3.4589	45	39.8	6.33	9.67E+05	57.55
8543	10.448	-3.4589	45	63.1	10.04	1.21E+06	57.23
8544	10.448	-3.4589	45	100	15.92	1.46E+06	57.15
8545	10.448	-3.4589	60	1	0.16	1.32E+04	72.35
8546	10.448	-3.4589	60	1.59	0.25	1.89E+04	70.77
8547	10.448	-3.4589	60	2.51	0.4	2.70E+04	69.31

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8548	10.448	-3.4589	60	3.98	0.63	3.81E+04	67.93
8549	10.448	-3.4589	60	6.31	1	5.34E+04	66.71
8550	10.448	-3.4589	60	10	1.59	7.54E+04	65.23
8551	10.448	-3.4589	60	15.9	2.53	1.05E+05	64.24
8552	10.448	-3.4589	60	25.1	3.99	1.44E+05	63.3
8553	10.448	-3.4589	60	39.8	6.33	1.99E+05	62.52
8554	10.448	-3.4589	60	63.1	10.04	2.73E+05	61.62
8555	10.448	-3.4589	60	100	15.92	3.75E+05	60.77
8556	10.448	-3.4589	70	1	0.16	3.10E+03	79.14
8557	10.448	-3.4589	70	1.59	0.25	4.61E+03	77.61
8558	10.448	-3.4589	70	2.51	0.4	6.82E+03	76.1
8559	10.448	-3.4589	70	3.98	0.63	9.99E+03	74.62
8560	10.448	-3.4589	70	6.31	1	1.45E+04	73.18
8561	10.448	-3.4589	70	10	1.59	2.12E+04	71.45
8562	10.448	-3.4589	70	15.9	2.53	3.03E+04	70.21
8563	10.448	-3.4589	70	25.1	3.99	4.32E+04	68.96
8564	10.448	-3.4589	70	39.8	6.33	6.10E+04	67.85
8565	10.448	-3.4589	70	63.1	10.04	8.58E+04	66.88
8566	10.448	-3.4589	70	100	15.92	1.20E+05	65.93
8567	10.448	-3.4589	80	1	0.16	7.59E+02	83.82
8568	10.448	-3.4589	80	1.59	0.25	1.17E+03	82.77
8569	10.448	-3.4589	80	2.51	0.4	1.77E+03	81.58
8570	10.448	-3.4589	80	3.98	0.63	2.68E+03	80.17
8571	10.448	-3.4589	80	6.31	1	4.03E+03	78.8
8572	10.448	-3.4589	80	10	1.59	6.01E+03	77.41
8573	10.448	-3.4589	80	15.9	2.53	8.88E+03	76.02
8574	10.448	-3.4589	80	25.1	3.99	1.30E+04	74.65
8575	10.448	-3.4589	80	39.8	6.33	1.90E+04	73.37
8576	10.448	-3.4589	80	63.1	10.04	2.74E+04	72.21
8577	10.448	-3.4589	80	100	15.92	3.92E+04	71.17
8578	10.448	-3.4589	95	1	0.16	4.74E+01	88.05
8579	10.448	-3.4589	95	1.59	0.25	7.45E+01	87.5
8580	10.448	-3.4589	95	2.51	0.4	1.17E+02	86.61
8581	10.448	-3.4589	95	3.98	0.63	1.82E+02	85.64
8582	10.448	-3.4589	95	6.31	1	2.82E+02	84.63
8583	10.448	-3.4589	95	10	1.59	4.35E+02	83.62
8584	10.448	-3.4589	95	15.9	2.53	6.64E+02	82.56
8585	10.448	-3.4589	95	25.1	3.99	1.01E+03	81.44

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8586	10.448	-3.4589	95	39.8	6.33	1.52E+03	80.26
8587	10.448	-3.4589	95	63.1	10.04	2.29E+03	79.13
8588	10.448	-3.4589	95	100	15.92	3.39E+03	78.02
8589	10.448	-3.4589	105	1	0.16	1.61E+01	89.36
8590	10.448	-3.4589	105	1.59	0.25	2.55E+01	89.02
8591	10.448	-3.4589	105	2.51	0.4	4.01E+01	88.59
8592	10.448	-3.4589	105	3.98	0.63	6.32E+01	87.96
8593	10.448	-3.4589	105	6.31	1	9.91E+01	87.3
8594	10.448	-3.4589	105	10	1.59	1.56E+02	86.71
8595	10.448	-3.4589	105	15.9	2.53	2.42E+02	85.66
8596	10.448	-3.4589	105	25.1	3.99	3.74E+02	84.67
8597	10.448	-3.4589	105	39.8	6.33	5.75E+02	83.75
8598	10.448	-3.4589	105	63.1	10.04	8.80E+02	82.69
8599	10.448	-3.4589	105	100	15.92	1.33E+03	81.68
8600	10.448	-3.4589	115	1	0.16	6.20E+00	90.03
8601	10.448	-3.4589	115	1.59	0.25	9.78E+00	89.86
8602	10.448	-3.4589	115	2.51	0.4	1.56E+01	89.36
8603	10.448	-3.4589	115	3.98	0.63	2.46E+01	89.1
8604	10.448	-3.4589	115	6.31	1	3.89E+01	88.76
8605	10.448	-3.4589	115	10	1.59	6.20E+01	88.17
8606	10.448	-3.4589	115	15.9	2.53	9.73E+01	87.51
8607	10.448	-3.4589	115	25.1	3.99	1.52E+02	86.94
8608	10.448	-3.4589	115	39.8	6.33	2.37E+02	86.21
8609	10.448	-3.4589	115	63.1	10.04	3.68E+02	85.35
8610	10.448	-3.4589	115	100	15.92	5.64E+02	84.42
8611	10.554	-3.5431	15	1	0.16	1.95E+05	62.32
8612	10.554	-3.5431	15	1.59	0.25	2.68E+05	62.78
8613	10.554	-3.5431	15	2.51	0.4	3.69E+05	63.09
8614	10.554	-3.5431	15	3.98	0.63	5.10E+05	63.18
8615	10.554	-3.5431	15	6.31	1	7.01E+05	63.02
8616	10.554	-3.5431	15	10	1.59	7.61E+05	64.03
8617	10.554	-3.5431	15	15.9	2.53	9.07E+05	64.27
8618	10.554	-3.5431	15	25.1	3.99	1.08E+06	64.38
8619	10.554	-3.5431	15	39.8	6.33	1.26E+06	64.58
8620	10.554	-3.5431	15	63.1	10.04	1.44E+06	64.77
8621	10.554	-3.5431	15	100	15.92	1.42E+06	64.79
8622	10.554	-3.5431	25	1	0.16	3.41E+04	59.95
8623	10.554	-3.5431	25	1.59	0.25	4.60E+04	60.46

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8624	10.554	-3.5431	25	2.51	0.4	6.21E+04	60.94
8625	10.554	-3.5431	25	3.98	0.63	8.37E+04	61.51
8626	10.554	-3.5431	25	6.31	1	1.13E+05	62.08
8627	10.554	-3.5431	25	10	1.59	1.64E+05	62.51
8628	10.554	-3.5431	25	15.9	2.53	2.26E+05	63.18
8629	10.554	-3.5431	25	25.1	3.99	3.13E+05	63.99
8630	10.554	-3.5431	25	39.8	6.33	4.34E+05	64.43
8631	10.554	-3.5431	25	63.1	10.04	6.04E+05	64.75
8632	10.554	-3.5431	25	100	15.92	8.37E+05	64.81
8633	10.554	-3.5431	35	1	0.16	7.70E+03	54.36
8634	10.554	-3.5431	35	1.59	0.25	1.03E+04	57.09
8635	10.554	-3.5431	35	2.51	0.4	1.40E+04	58.83
8636	10.554	-3.5431	35	3.98	0.63	1.90E+04	60.29
8637	10.554	-3.5431	35	6.31	1	2.58E+04	60.94
8638	10.554	-3.5431	35	10	1.59	3.57E+04	61.28
8639	10.554	-3.5431	35	15.9	2.53	4.86E+04	61.76
8640	10.554	-3.5431	35	25.1	3.99	6.61E+04	62.22
8641	10.554	-3.5431	35	39.8	6.33	8.98E+04	62.78
8642	10.554	-3.5431	35	63.1	10.04	1.22E+05	63.52
8643	10.554	-3.5431	35	100	15.92	1.63E+05	64.29
8644	10.554	-3.5431	45	1	0.16	2.97E+03	39.33
8645	10.554	-3.5431	45	1.59	0.25	3.64E+03	45.42
8646	10.554	-3.5431	45	2.51	0.4	4.63E+03	50.06
8647	10.554	-3.5431	45	3.98	0.63	6.06E+03	54.45
8648	10.554	-3.5431	45	6.31	1	8.09E+03	57.85
8649	10.554	-3.5431	45	10	1.59	1.14E+04	58.25
8650	10.554	-3.5431	45	15.9	2.53	1.57E+04	60.35
8651	10.554	-3.5431	45	25.1	3.99	2.16E+04	62.01
8652	10.554	-3.5431	45	39.8	6.33	2.98E+04	63.16
8653	10.554	-3.5431	45	63.1	10.04	4.11E+04	63.93
8654	10.554	-3.5431	45	100	15.92	5.64E+04	64.53
8655	10.554	-3.5431	60	1	0.16	1.01E+03	34.69
8656	10.554	-3.5431	60	1.59	0.25	1.20E+03	36.57
8657	10.554	-3.5431	60	2.51	0.4	1.44E+03	39.57
8658	10.554	-3.5431	60	3.98	0.63	1.76E+03	43.01
8659	10.554	-3.5431	60	6.31	1	2.20E+03	46.71
8660	10.554	-3.5431	60	10	1.59	2.83E+03	50.28
8661	10.554	-3.5431	60	15.9	2.53	3.74E+03	53.37

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8662	10.554	-3.5431	60	25.1	3.99	4.98E+03	56.4
8663	10.554	-3.5431	60	39.8	6.33	6.74E+03	58.98
8664	10.554	-3.5431	60	63.1	10.04	9.23E+03	61.01
8665	10.554	-3.5431	60	100	15.92	1.27E+04	62.55
8666	10.554	-3.5431	70	1	0.16	6.14E+02	40.33
8667	10.554	-3.5431	70	1.59	0.25	7.11E+02	41.92
8668	10.554	-3.5431	70	2.51	0.4	8.55E+02	43.02
8669	10.554	-3.5431	70	3.98	0.63	1.04E+03	44.57
8670	10.554	-3.5431	70	6.31	1	1.26E+03	46.6
8671	10.554	-3.5431	70	10	1.59	1.57E+03	48.98
8672	10.554	-3.5431	70	15.9	2.53	2.24E+03	46.65
8673	10.554	-3.5431	70	25.1	3.99	2.87E+03	49.01
8674	10.554	-3.5431	70	39.8	6.33	3.67E+03	51.85
8675	10.554	-3.5431	70	63.1	10.04	4.81E+03	54.37
8676	10.554	-3.5431	70	100	15.92	6.38E+03	56.79
8677	10.554	-3.5431	80	1	0.16	2.03E+02	58.95
8678	10.554	-3.5431	80	1.59	0.25	2.19E+02	64.17
8679	10.554	-3.5431	80	2.51	0.4	2.76E+02	65.77
8680	10.554	-3.5431	80	3.98	0.63	3.55E+02	66.38
8681	10.554	-3.5431	80	6.31	1	4.67E+02	66.8
8682	10.554	-3.5431	80	10	1.59	6.41E+02	64.16
8683	10.554	-3.5431	80	15.9	2.53	8.84E+02	64.49
8684	10.554	-3.5431	80	25.1	3.99	1.22E+03	64.52
8685	10.554	-3.5431	80	39.8	6.33	1.69E+03	64.6
8686	10.554	-3.5431	80	63.1	10.04	2.35E+03	64.51
8687	10.554	-3.5431	80	100	15.92	3.24E+03	64.3
8688	10.554	-3.5431	95	1	0.16	2.05E+01	81.98
8689	10.554	-3.5431	95	1.59	0.25	3.04E+01	80.16
8690	10.554	-3.5431	95	2.51	0.4	4.54E+01	77.77
8691	10.554	-3.5431	95	3.98	0.63	6.61E+01	74.61
8692	10.554	-3.5431	95	6.31	1	9.42E+01	71.67
8693	10.554	-3.5431	95	10	1.59	1.11E+02	70.89
8694	10.554	-3.5431	95	15.9	2.53	1.26E+02	72.27
8695	10.554	-3.5431	95	25.1	3.99	1.57E+02	74.04
8696	10.554	-3.5431	95	39.8	6.33	2.10E+02	75.34
8697	10.554	-3.5431	95	63.1	10.04	2.97E+02	75.61
8698	10.554	-3.5431	95	100	15.92	4.23E+02	75.33
8699	10.554	-3.5431	105	1	0.16	3.96E+00	86.82

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8700	10.554	-3.5431	105	1.59	0.25	6.11E+00	88.95
8701	10.554	-3.5431	105	2.51	0.4	9.61E+00	86.2
8702	10.554	-3.5431	105	3.98	0.63	1.50E+01	87.09
8703	10.554	-3.5431	105	6.31	1	2.33E+01	86.28
8704	10.554	-3.5431	105	10	1.59	3.56E+01	85.73
8705	10.554	-3.5431	105	15.9	2.53	5.61E+01	84.24
8706	10.554	-3.5431	105	25.1	3.99	8.55E+01	82.8
8707	10.554	-3.5431	105	39.8	6.33	1.29E+02	80.88
8708	10.554	-3.5431	105	63.1	10.04	1.94E+02	79.03
8709	10.554	-3.5431	105	100	15.92	2.89E+02	77.02
8710	10.554	-3.5431	115	1	0.16	1.60E+00	87.76
8711	10.554	-3.5431	115	1.59	0.25	2.65E+00	88.05
8712	10.554	-3.5431	115	2.51	0.4	4.15E+00	89.09
8713	10.554	-3.5431	115	3.98	0.63	6.52E+00	89.22
8714	10.554	-3.5431	115	6.31	1	1.03E+01	89.06
8715	10.554	-3.5431	115	10	1.59	1.63E+01	88.82
8716	10.554	-3.5431	115	15.9	2.53	2.61E+01	87.67
8717	10.554	-3.5431	115	25.1	3.99	4.07E+01	88.66
8718	10.554	-3.5431	115	39.8	6.33	6.39E+01	87.31
8719	10.554	-3.5431	115	63.1	10.04	1.00E+02	86.08
8720	10.554	-3.5431	115	100	15.92	1.55E+02	84.59
8721	9.4616	-3.1281	15	1	0.16	4.90E+05	58.14
8722	9.4616	-3.1281	15	1.59	0.25	6.51E+05	57.63
8723	9.4616	-3.1281	15	2.51	0.4	8.62E+05	57.02
8724	9.4616	-3.1281	15	3.98	0.63	1.14E+06	56.31
8725	9.4616	-3.1281	15	6.31	1	1.48E+06	55.56
8726	9.4616	-3.1281	15	10	1.59	1.47E+06	56.47
8727	9.4616	-3.1281	15	15.9	2.53	1.67E+06	56.5
8728	9.4616	-3.1281	15	25.1	3.99	1.93E+06	56.45
8729	9.4616	-3.1281	15	39.8	6.33	2.22E+06	56.56
8730	9.4616	-3.1281	15	63.1	10.04	2.54E+06	56.76
8731	9.4616	-3.1281	15	100	15.92	2.63E+06	56.81
8732	9.4616	-3.1281	25	1	0.16	7.07E+04	60.59
8733	9.4616	-3.1281	25	1.59	0.25	9.38E+04	60.59
8734	9.4616	-3.1281	25	2.51	0.4	1.25E+05	60.49
8735	9.4616	-3.1281	25	3.98	0.63	1.64E+05	60.31
8736	9.4616	-3.1281	25	6.31	1	2.14E+05	60.01
8737	9.4616	-3.1281	25	10	1.59	3.25E+05	59.4

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8738	9.4616	-3.1281	25	15.9	2.53	4.28E+05	59.13
8739	9.4616	-3.1281	25	25.1	3.99	5.62E+05	58.89
8740	9.4616	-3.1281	25	39.8	6.33	7.33E+05	58.66
8741	9.4616	-3.1281	25	63.1	10.04	9.50E+05	58.52
8742	9.4616	-3.1281	25	100	15.92	1.19E+06	58.32
8743	9.4616	-3.1281	35	1	0.16	1.57E+04	56.86
8744	9.4616	-3.1281	35	1.59	0.25	2.14E+04	59.31
8745	9.4616	-3.1281	35	2.51	0.4	2.89E+04	60.4
8746	9.4616	-3.1281	35	3.98	0.63	3.95E+04	61.2
8747	9.4616	-3.1281	35	6.31	1	5.38E+04	61.74
8748	9.4616	-3.1281	35	10	1.59	7.70E+04	61.11
8749	9.4616	-3.1281	35	15.9	2.53	1.05E+05	61.62
8750	9.4616	-3.1281	35	25.1	3.99	1.44E+05	61.65
8751	9.4616	-3.1281	35	39.8	6.33	1.97E+05	61.52
8752	9.4616	-3.1281	35	63.1	10.04	2.68E+05	61.39
8753	9.4616	-3.1281	35	100	15.92	3.63E+05	61.36
8754	9.4616	-3.1281	45	1	0.16	4.33E+03	49.99
8755	9.4616	-3.1281	45	1.59	0.25	5.60E+03	53.82
8756	9.4616	-3.1281	45	2.51	0.4	7.43E+03	56.37
8757	9.4616	-3.1281	45	3.98	0.63	1.00E+04	58.88
8758	9.4616	-3.1281	45	6.31	1	1.36E+04	60.59
8759	9.4616	-3.1281	45	10	1.59	1.92E+04	60.9
8760	9.4616	-3.1281	45	15.9	2.53	2.63E+04	61.6
8761	9.4616	-3.1281	45	25.1	3.99	3.63E+04	62.32
8762	9.4616	-3.1281	45	39.8	6.33	4.99E+04	62.63
8763	9.4616	-3.1281	45	63.1	10.04	6.86E+04	62.7
8764	9.4616	-3.1281	45	100	15.92	9.33E+04	62.63
8765	9.4616	-3.1281	60	1	0.16	8.01E+02	44.83
8766	9.4616	-3.1281	60	1.59	0.25	1.01E+03	48.43
8767	9.4616	-3.1281	60	2.51	0.4	1.31E+03	52.09
8768	9.4616	-3.1281	60	3.98	0.63	1.74E+03	55.26
8769	9.4616	-3.1281	60	6.31	1	2.34E+03	58.1
8770	9.4616	-3.1281	60	10	1.59	3.20E+03	60.54
8771	9.4616	-3.1281	60	15.9	2.53	4.39E+03	62.62
8772	9.4616	-3.1281	60	25.1	3.99	6.11E+03	64.05
8773	9.4616	-3.1281	60	39.8	6.33	8.55E+03	65.03
8774	9.4616	-3.1281	60	63.1	10.04	1.20E+04	65.66
8775	9.4616	-3.1281	60	100	15.92	1.68E+04	65.91

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8776	9.4616	-3.1281	70	1	0.16	4.21E+02	45.64
8777	9.4616	-3.1281	70	1.59	0.25	5.17E+02	47.94
8778	9.4616	-3.1281	70	2.51	0.4	6.52E+02	50.34
8779	9.4616	-3.1281	70	3.98	0.63	8.39E+02	52.85
8780	9.4616	-3.1281	70	6.31	1	1.10E+03	55.25
8781	9.4616	-3.1281	70	10	1.59	1.46E+03	57.62
8782	9.4616	-3.1281	70	15.9	2.53	2.07E+03	57.98
8783	9.4616	-3.1281	70	25.1	3.99	2.82E+03	60.25
8784	9.4616	-3.1281	70	39.8	6.33	3.87E+03	62.09
8785	9.4616	-3.1281	70	63.1	10.04	5.35E+03	63.52
8786	9.4616	-3.1281	70	100	15.92	7.41E+03	64.68
8787	9.4616	-3.1281	80	1	0.16	2.64E+02	53.95
8788	9.4616	-3.1281	80	1.59	0.25	3.05E+02	56.32
8789	9.4616	-3.1281	80	2.51	0.4	3.76E+02	57.41
8790	9.4616	-3.1281	80	3.98	0.63	4.79E+02	58.7
8791	9.4616	-3.1281	80	6.31	1	6.18E+02	59.74
8792	9.4616	-3.1281	80	10	1.59	8.06E+02	61.17
8793	9.4616	-3.1281	80	15.9	2.53	1.12E+03	59.94
8794	9.4616	-3.1281	80	25.1	3.99	1.53E+03	60.75
8795	9.4616	-3.1281	80	39.8	6.33	2.08E+03	61.46
8796	9.4616	-3.1281	80	63.1	10.04	2.85E+03	62.17
8797	9.4616	-3.1281	80	100	15.92	3.90E+03	62.82
8798	9.4616	-3.1281	95	1	0.16	2.87E+01	78.1
8799	9.4616	-3.1281	95	1.59	0.25	4.17E+01	75.51
8800	9.4616	-3.1281	95	2.51	0.4	5.95E+01	72.74
8801	9.4616	-3.1281	95	3.98	0.63	8.36E+01	69.93
8802	9.4616	-3.1281	95	6.31	1	1.15E+02	67.51
8803	9.4616	-3.1281	95	10	1.59	1.55E+02	65.55
8804	9.4616	-3.1281	95	15.9	2.53	2.13E+02	63.78
8805	9.4616	-3.1281	95	25.1	3.99	2.90E+02	62.42
8806	9.4616	-3.1281	95	39.8	6.33	3.96E+02	61.52
8807	9.4616	-3.1281	95	63.1	10.04	5.36E+02	61.17
8808	9.4616	-3.1281	95	100	15.92	7.22E+02	61.13
8809	9.4616	-3.1281	105	1	0.16	6.21E+00	88.22
8810	9.4616	-3.1281	105	1.59	0.25	9.71E+00	86.84
8811	9.4616	-3.1281	105	2.51	0.4	1.51E+01	85.79
8812	9.4616	-3.1281	105	3.98	0.63	2.30E+01	84.81
8813	9.4616	-3.1281	105	6.31	1	3.50E+01	83.57

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8814	9.4616	-3.1281	105	10	1.59	5.04E+01	82.48
8815	9.4616	-3.1281	105	15.9	2.53	7.66E+01	80.65
8816	9.4616	-3.1281	105	25.1	3.99	1.15E+02	79.14
8817	9.4616	-3.1281	105	39.8	6.33	1.71E+02	77.06
8818	9.4616	-3.1281	105	63.1	10.04	2.50E+02	75.4
8819	9.4616	-3.1281	105	100	15.92	3.63E+02	73.71
8820	9.4616	-3.1281	115	1	0.16	2.14E+00	89.18
8821	9.4616	-3.1281	115	1.59	0.25	3.46E+00	89.76
8822	9.4616	-3.1281	115	2.51	0.4	5.42E+00	88.89
8823	9.4616	-3.1281	115	3.98	0.63	8.53E+00	88.9
8824	9.4616	-3.1281	115	6.31	1	1.35E+01	88.62
8825	9.4616	-3.1281	115	10	1.59	2.09E+01	88.4
8826	9.4616	-3.1281	115	15.9	2.53	3.29E+01	87.63
8827	9.4616	-3.1281	115	25.1	3.99	5.18E+01	87.1
8828	9.4616	-3.1281	115	39.8	6.33	8.07E+01	85.87
8829	9.4616	-3.1281	115	63.1	10.04	1.25E+02	84.57
8830	9.4616	-3.1281	115	100	15.92	1.92E+02	82.93
8831	9.4603	-3.1236	15	1	0.16	6.79E+06	54.01
8832	9.4603	-3.1236	15	1.59	0.25	8.86E+06	53.47
8833	9.4603	-3.1236	15	2.51	0.4	1.15E+07	52.83
8834	9.4603	-3.1236	15	3.98	0.63	1.49E+07	52.11
8835	9.4603	-3.1236	15	6.31	1	1.92E+07	51.41
8836	9.4603	-3.1236	15	10	1.59	1.95E+07	52.74
8837	9.4603	-3.1236	15	15.9	2.53	2.22E+07	53.03
8838	9.4603	-3.1236	15	25.1	3.99	2.59E+07	53.18
8839	9.4603	-3.1236	15	39.8	6.33	3.03E+07	53.42
8840	9.4603	-3.1236	15	63.1	10.04	3.54E+07	53.72
8841	9.4603	-3.1236	15	100	15.92	3.87E+07	54.04
8842	9.4603	-3.1236	25	1	0.16	1.13E+06	56.45
8843	9.4603	-3.1236	25	1.59	0.25	1.43E+06	56.44
8844	9.4603	-3.1236	25	2.51	0.4	1.81E+06	56.44
8845	9.4603	-3.1236	25	3.98	0.63	2.29E+06	56.42
8846	9.4603	-3.1236	25	6.31	1	2.86E+06	56.39
8847	9.4603	-3.1236	25	10	1.59	4.73E+06	55.86
8848	9.4603	-3.1236	25	15.9	2.53	6.09E+06	55.78
8849	9.4603	-3.1236	25	25.1	3.99	7.85E+06	55.68
8850	9.4603	-3.1236	25	39.8	6.33	1.01E+07	55.6
8851	9.4603	-3.1236	25	63.1	10.04	1.29E+07	55.55

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8852	9.4603	-3.1236	25	100	15.92	1.60E+07	55.49
8853	9.4603	-3.1236	35	1	0.16	2.45E+05	55.43
8854	9.4603	-3.1236	35	1.59	0.25	3.21E+05	56.52
8855	9.4603	-3.1236	35	2.51	0.4	4.25E+05	57.24
8856	9.4603	-3.1236	35	3.98	0.63	5.61E+05	57.61
8857	9.4603	-3.1236	35	6.31	1	7.38E+05	57.82
8858	9.4603	-3.1236	35	10	1.59	1.09E+06	57.29
8859	9.4603	-3.1236	35	15.9	2.53	1.45E+06	57.53
8860	9.4603	-3.1236	35	25.1	3.99	1.93E+06	57.33
8861	9.4603	-3.1236	35	39.8	6.33	2.59E+06	57.37
8862	9.4603	-3.1236	35	63.1	10.04	3.46E+06	57.44
8863	9.4603	-3.1236	35	100	15.92	4.59E+06	57.51
8864	9.4603	-3.1236	45	1	0.16	7.96E+04	51.61
8865	9.4603	-3.1236	45	1.59	0.25	1.03E+05	53.64
8866	9.4603	-3.1236	45	2.51	0.4	1.35E+05	55.07
8867	9.4603	-3.1236	45	3.98	0.63	1.78E+05	56.44
8868	9.4603	-3.1236	45	6.31	1	2.36E+05	57.23
8869	9.4603	-3.1236	45	10	1.59	3.33E+05	56.71
8870	9.4603	-3.1236	45	15.9	2.53	4.47E+05	57.15
8871	9.4603	-3.1236	45	25.1	3.99	5.98E+05	57.14
8872	9.4603	-3.1236	45	39.8	6.33	7.99E+05	57.2
8873	9.4603	-3.1236	45	63.1	10.04	1.07E+06	57.1
8874	9.4603	-3.1236	45	100	15.92	1.41E+06	57.09
8875	9.4603	-3.1236	60	1	0.16	1.22E+04	60.69
8876	9.4603	-3.1236	60	1.59	0.25	1.67E+04	62.13
8877	9.4603	-3.1236	60	2.51	0.4	2.32E+04	63.16
8878	9.4603	-3.1236	60	3.98	0.63	3.22E+04	63.85
8879	9.4603	-3.1236	60	6.31	1	4.49E+04	64.32
8880	9.4603	-3.1236	60	10	1.59	6.28E+04	64.58
8881	9.4603	-3.1236	60	15.9	2.53	8.78E+04	64.68
8882	9.4603	-3.1236	60	25.1	3.99	1.22E+05	64.62
8883	9.4603	-3.1236	60	39.8	6.33	1.70E+05	64.26
8884	9.4603	-3.1236	60	63.1	10.04	2.35E+05	64.12
8885	9.4603	-3.1236	60	100	15.92	3.25E+05	63.53
8886	9.4603	-3.1236	70	1	0.16	5.20E+03	59.07
8887	9.4603	-3.1236	70	1.59	0.25	6.98E+03	60.96
8888	9.4603	-3.1236	70	2.51	0.4	9.54E+03	62.4
8889	9.4603	-3.1236	70	3.98	0.63	1.31E+04	63.46

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8890	9.4603	-3.1236	70	6.31	1	1.82E+04	64.33
8891	9.4603	-3.1236	70	10	1.59	2.56E+04	64.05
8892	9.4603	-3.1236	70	15.9	2.53	3.57E+04	64.62
8893	9.4603	-3.1236	70	25.1	3.99	4.98E+04	65.15
8894	9.4603	-3.1236	70	39.8	6.33	6.96E+04	65.33
8895	9.4603	-3.1236	70	63.1	10.04	9.73E+04	65.39
8896	9.4603	-3.1236	70	100	15.92	1.35E+05	65.41
8897	9.4603	-3.1236	80	1	0.16	2.69E+03	61.28
8898	9.4603	-3.1236	80	1.59	0.25	3.59E+03	61.79
8899	9.4603	-3.1236	80	2.51	0.4	4.81E+03	62.4
8900	9.4603	-3.1236	80	3.98	0.63	6.57E+03	62.99
8901	9.4603	-3.1236	80	6.31	1	8.98E+03	63.62
8902	9.4603	-3.1236	80	10	1.59	1.25E+04	63.56
8903	9.4603	-3.1236	80	15.9	2.53	1.73E+04	63.98
8904	9.4603	-3.1236	80	25.1	3.99	2.40E+04	64.32
8905	9.4603	-3.1236	80	39.8	6.33	3.33E+04	64.51
8906	9.4603	-3.1236	80	63.1	10.04	4.64E+04	64.78
8907	9.4603	-3.1236	80	100	15.92	6.44E+04	64.89
8908	9.4603	-3.1236	95	1	0.16	1.57E+02	83.38
8909	9.4603	-3.1236	95	1.59	0.25	2.41E+02	81.95
8910	9.4603	-3.1236	95	2.51	0.4	3.64E+02	81.05
8911	9.4603	-3.1236	95	3.98	0.63	5.47E+02	79.83
8912	9.4603	-3.1236	95	6.31	1	8.15E+02	78.75
8913	9.4603	-3.1236	95	10	1.59	1.23E+03	77.78
8914	9.4603	-3.1236	95	15.9	2.53	1.81E+03	76.77
8915	9.4603	-3.1236	95	25.1	3.99	2.68E+03	76.12
8916	9.4603	-3.1236	95	39.8	6.33	3.92E+03	74.75
8917	9.4603	-3.1236	95	63.1	10.04	5.71E+03	73.81
8918	9.4603	-3.1236	95	100	15.92	8.26E+03	72.73
8919	9.4603	-3.1236	105	1	0.16	6.78E+01	88.28
8920	9.4603	-3.1236	105	1.59	0.25	1.06E+02	88.31
8921	9.4603	-3.1236	105	2.51	0.4	1.67E+02	86.62
8922	9.4603	-3.1236	105	3.98	0.63	2.60E+02	85.88
8923	9.4603	-3.1236	105	6.31	1	4.00E+02	84.71
8924	9.4603	-3.1236	105	10	1.59	6.12E+02	83.78
8925	9.4603	-3.1236	105	15.9	2.53	9.42E+02	83.03
8926	9.4603	-3.1236	105	25.1	3.99	1.41E+03	81.28
8927	9.4603	-3.1236	105	39.8	6.33	2.13E+03	79.45

Data Point	ASTM Ai-VTSi		Temp.	Loading Freq.		$\|G_b^*\|$	δ_b
No.	A	VTS	°C	ω, rad/s	f, Hz	Pa	deg
8928	9.4603	-3.1236	105	63.1	10.04	3.19E+03	78.16
8929	9.4603	-3.1236	105	100	15.92	4.70E+03	76.36
8930	9.4603	-3.1236	115	1	0.16	3.02E+01	89.81
8931	9.4603	-3.1236	115	1.59	0.25	4.76E+01	89.55
8932	9.4603	-3.1236	115	2.51	0.4	7.57E+01	88.96
8933	9.4603	-3.1236	115	3.98	0.63	1.20E+02	88.85
8934	9.4603	-3.1236	115	6.31	1	1.88E+02	88.33
8935	9.4603	-3.1236	115	10	1.59	2.91E+02	88.02
8936	9.4603	-3.1236	115	15.9	2.53	4.57E+02	87.07
8937	9.4603	-3.1236	115	25.1	3.99	7.15E+02	86.15
8938	9.4603	-3.1236	115	39.8	6.33	1.11E+03	84.9
8939	9.4603	-3.1236	115	63.1	10.04	1.71E+03	83.47
8940	9.4603	-3.1236	115	100	15.92	2.60E+03	81.81

APPENDIX D

Data for Soil-Water Characteristics Curve (SWCC) Model Development

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1	53.5	26.5	0.0025	0	0	2	8.5	1.09568	0.7682	0.16778	2533.66
2	53.5	26.5	0.0025	0	0	2	8.5	1.09568	0.7682	0.16778	2533.66
3	60	32.5	0.01087	0	0	2.5	2.5	0.98828	0.75832	0.15694	2558.74
4	50	23.5	0.03334	5	5	5	5	3.86137	0.77537	0.21081	2561.57
5	45	23	0.02751	0	0	5	15	3.86045	0.73493	0.2187	2564.46
6	45	23	0.02751	0	0	5	15	3.86045	0.73493	0.2187	2564.46
7	45	23	0.02751	0	0	5	15	3.86045	0.73493	0.2187	2564.46
8	45	23	0.02751	0	0	5	15	3.86045	0.73493	0.2187	2564.46
9	53.5	27.5	0.00248	0	0	2	8.5	0.96486	0.78018	0.15001	2571.31
10	60	35	0.0025	0	0	0	2.5	4.04082	0.75225	0.21396	2578.25
11	52.5	25.5	0.01084	0	0	2.5	5	4.04082	0.75225	0.21396	2578.25
12	48.5	24.5	0.01084	0	2	0	3.5	1.82292	0.77289	0.18422	2628.65
13	48.5	24.5	0.01084	0	2	0	3.5	1.82292	0.77289	0.18422	2628.65
14	49.5	31.5	0.0025	5	5	0	9.5	1.9481	0.74867	0.18895	2647.74
15	49.5	31.5	0.0025	5	5	0	9.5	1.9481	0.74867	0.18895	2647.74
16	50	23.5	0.02751	15	2.5	0	2.5	1.48028	0.74747	0.15505	2661.66
17	50	23.5	0.02751	15	2.5	0	2.5	1.48028	0.74747	0.15505	2661.66
18	52.5	22.5	0.02751	2.5	2.5	2.5	15	2.45441	0.77365	0.1927	2697.47
19	53	33.5	0.0025	2.5	0	5	8.5	2.66442	0.75649	0.19086	2722.87
20	50	25	0.03334	15	7.5	2.5	2.5	2.81641	0.74416	0.20489	2726.41
21	50	25	0.03334	15	7.5	2.5	2.5	2.81641	0.74416	0.20489	2726.41
22	50	25	0.03334	15	7.5	2.5	2.5	2.81641	0.74416	0.20489	2726.41
23	48	28	0.0025	2.5	0	2.5	24.5	3.137	0.77898	0.19631	2759.9
24	48	28	0.0025	2.5	0	2.5	24.5	3.137	0.77898	0.19631	2759.9
25	52	29	0.01087	0	0	0	2	4.07009	0.72622	0.20651	2829.3
26	55.5	31	0.03334	0	5	2.5	5	3.71103	0.70855	0.16683	2832.28
27	55	27.5	0.0025	0	2.5	0	7.5	4.38805	0.75115	0.16835	2842.01
28	60	25	0.00834	0	2.5	2.5	12.5	3.73629	0.70554	0.15138	2842.57
29	62.5	35	0.01084	2.5	4	6	5	4.24887	0.72677	0.16224	2846.45
30	63.5	40	0.0025	0	0	0	2.5	4.43705	0.71128	0.15129	2849.88
31	63.5	40	0.0025	0	0	0	2.5	4.43705	0.71128	0.15129	2849.88
32	63.5	40	0.0025	0	0	0	2.5	4.43705	0.71128	0.15129	2849.88
33	63.5	40	0.0025	0	0	0	2.5	4.43705	0.71128	0.15129	2849.88
34	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
35	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
36	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
37	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
38	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
39	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
40	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
41	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
42	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
43	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
44	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
45	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
46	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
47	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
48	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
49	58.5	30.5	0.01084	0	0	0	2.5	4.37316	0.7576	0.14793	2853.08
50	78	54.5	0.0025	1	0	3	3.5	4.48918	0.71196	0.17472	2855.93
51	52.5	27.5	0.01084	0	0	5	2.5	5.03626	0.69248	0.17349	2860.53
52	62.5	37.5	0.0025	5	2.5	2.5	2.5	4.96664	0.70107	0.1837	2860.77
53	72.5	47.5	0.01084	1	9	7.5	0	5.0575	0.72943	0.17873	2864.6
54	60.5	32.5	0.03334	2.5	2.5	5	2.5	5.15472	0.74329	0.18111	2868.28
55	60.5	32.5	0.03334	2.5	2.5	5	2.5	5.15472	0.74329	0.18111	2868.28
56	78	50	0.01084	0	0	5	7.5	4.79857	0.72135	0.17239	2869.25
57	78	50	0.01084	0	0	5	7.5	4.79857	0.72135	0.17239	2869.25
58	65	37.5	0.01181	12.5	12.5	2.5	5	5.14915	0.7225	0.17386	2871.36
59	57.5	32.5	0.0025	2.5	5	5	7.5	4.66124	0.69569	0.15587	2871.38
60	56	32.5	0.0025	0	0	5	8.5	4.94903	0.71229	0.16529	2874.87
61	50.5	26	0.0025	5	2.5	2.5	3	5.1184	0.70474	0.18209	2875.21
62	65.5	43.5	0.0025	2.5	2.5	5	3	5.50661	0.6972	0.20426	2875.5
63	69	45	0.0025	0	0.5	9.5	2.5	5.23746	0.71512	0.20704	2876.6
64	69	45	0.0025	0	0.5	9.5	2.5	5.23746	0.71512	0.20704	2876.6
65	67.5	42.5	0.0025	10	2.5	2.5	5	5.27729	0.67486	0.14976	2877.31
66	60	35	0.00248	10	10	2.5	7.5	5.35658	0.71252	0.16565	2877.9
67	60	35	0.00248	10	10	2.5	7.5	5.35658	0.71252	0.16565	2877.9
68	75	55	0.0025	3	0.5	3	2	5.43251	0.71801	0.17825	2878.98
69	72.5	42.5	0.00292	0	0	5	7.5	5.39668	0.72671	0.16776	2881.9
70	72.5	42.5	0.00292	0	0	5	7.5	5.39668	0.72671	0.16776	2881.9
71	47.5	22.5	0.01084	2.5	0	2.5	7.5	5.16053	0.72511	0.15161	2882.3
72	63	40	0.0025	0	2.5	0	12.5	5.36823	0.68405	0.16101	2883.77
73	62.5	35	0.01084	2.5	2.5	5	7.5	5.42237	0.70465	0.21866	2889.09
74	53	23	0.10836	7.5	5	5	7.5	5.90397	0.87024	0.15019	2890.19
75	57.5	32.5	0.0025	0	0	5	10	5.92701	0.70487	0.17303	2896.65
76	65	33	0.01084	0	0	2.5	2.5	5.87959	0.70555	0.20456	2897.77

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
77	65	33	0.01084	0	0	2.5	2.5	5.87959	0.70555	0.20456	2897.77
78	50	27.5	0.01084	0	0	2.5	7.5	5.84685	0.68947	0.16987	2900.94
79	50	30	0.01084	2.5	7.5	2.5	5	5.98657	0.67242	0.20325	2912.63
80	50	25	0.01084	0	0	1	6.5	0.15718	1.43855	0.34573	2979.42
81	50	25	0.01084	0	0	1	6.5	0.15718	1.43855	0.34573	2979.42
82	55	37.5	0.00292	0	0	5	10	0.11816	0.86265	0.16627	2979.9
83	52.5	25	0.00248	0	0	0	7.5	0.11816	0.86265	0.16627	2979.9
84	52.5	25	0.00248	0	0	0	7.5	0.11816	0.86265	0.16627	2979.9
85	57.5	30	0.03334	5	2.5	0	5	0.1774	0.86867	0.16934	2980.2
86	57.5	30	0.03334	5	2.5	0	5	0.1774	0.86867	0.16934	2980.2
87	57.5	30	0.03334	5	2.5	0	5	0.1774	0.86867	0.16934	2980.2
88	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
89	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
90	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
91	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
92	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
93	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
94	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
95	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
96	50	23.5	0.09169	0	2.5	2.5	2.5	0.31326	0.81319	0.18338	2980.37
97	56.5	35.5	0.0025	1	0.5	3.5	11	0.36445	0.80137	0.18255	2980.51
98	50.5	29	0.01084	0	2.5	2.5	7.5	0.28332	0.81614	0.17806	2980.55
99	20	3.5	0.25839	0	0	30	30	0.17588	1.3333	0.33738	2980.67
100	55	30	0.00248	5	0	2.5	7.5	0.39847	0.81415	0.18342	2980.69
101	55	30	0.00248	5	0	2.5	7.5	0.39847	0.81415	0.18342	2980.69
102	50	25	0.03334	0	0	2.5	5	0.77478	0.79107	0.19709	2980.83
103	50.5	27.5	0.01084	0	2.5	0	7.5	0.48677	0.77576	0.18859	2981.15
104	42.5	15.5	0.01084	0	2.5	0	10	0.97972	0.80233	0.19612	2981.2
105	60	30	0.10836	10	2.5	5	7.5	1.13043	0.7952	0.20136	2981.25
106	60	30	0.10836	10	2.5	5	7.5	1.13043	0.7952	0.20136	2981.25
107	55	30	0.01084	0	0	2.5	5	0.17288	1.31584	0.27355	2981.41
108	63	44	0.0025	5	5	3	4.5	0.46714	0.82311	0.17232	2981.66
109	50	25	0.01084	2.5	12.5	2.5	5	0.78007	0.79586	0.18198	2981.78
110	55	26	0.01084	0	0	2.5	6	3.31281	0.7609	0.2238	2982.13
111	70	25	0.10836	2.5	0	2.5	2.5	0.18698	1.34595	0.34526	2982.34
112	70	25	0.10836	2.5	0	2.5	2.5	0.18698	1.34595	0.34526	2982.34
113	47.5	25	0.10836	0	2.5	2.5	10	5.81172	0.71234	0.23363	2983.84
114	47.5	25	0.10836	0	2.5	2.5	10	5.81172	0.71234	0.23363	2983.84
115	47.5	25	0.10836	0	2.5	2.5	10	5.81172	0.71234	0.23363	2983.84

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
116	47.5	25	0.10836	0	2.5	2.5	10	5.81172	0.71234	0.23363	2983.84
117	30	12.5	0.25839	0	0	10.5	61	0.11713	1.5866	0.27962	2984.68
118	31.5	16	0.10836	0	1	20	25	0.66508	1.15581	0.36058	2985.67
119	31.5	16	0.10836	0	1	20	25	0.66508	1.15581	0.36058	2985.67
120	31.5	16	0.10836	0	1	20	25	0.66508	1.15581	0.36058	2985.67
121	31.5	16	0.10836	0	1	20	25	0.66508	1.15581	0.36058	2985.67
122	50	25	0.0025	2.5	0	0	2.5	0.27675	1.29446	0.3072	2987.61
123	36	20.5	0.10836	2.5	0	16	30	0.57504	1.15292	0.35292	2987.98
124	36	20.5	0.10836	2.5	0	16	30	0.57504	1.15292	0.35292	2987.98
125	22.5	7.5	0.85853	2.5	2.5	27.5	37.5	0.42602	1.29049	0.40262	2989.42
126	35	15	0.03334	0	0	2.5	10	0.7804	1.15602	0.42214	2989.86
127	35	15	0.03334	0	0	2.5	10	0.7804	1.15602	0.42214	2989.86
128	35	12.5	0.03334	60	17.5	10	5	0.97372	1.23715	0.43912	2990.3
129	32.5	10	0.10836	5	2.5	10	20	0.81397	1.1361	0.37864	2990.38
130	41.5	17	0.10836	0	0	2.5	7.5	1.14036	1.18592	0.48054	2990.46
131	41.5	17	0.10836	0	0	2.5	7.5	1.14036	1.18592	0.48054	2990.46
132	27.5	12	0.10836	0	2.5	2.5	62.5	0.79334	1.14666	0.39246	2990.52
133	27.5	12	0.10836	1	1.5	2.5	62.5	0.79334	1.14666	0.39246	2990.52
134	28	10	0.10836	12.5	0	6	22	0.72963	1.07798	0.40638	2990.66
135	28	10	0.10836	12.5	0	6	22	0.72963	1.07798	0.40638	2990.66
136	28	10	0.10836	12.5	0	6	22	0.72963	1.07798	0.40638	2990.66
137	28	10	0.10836	12.5	0	6	22	0.72963	1.07798	0.40638	2990.66
138	45	25	0.03334	5	7.5	10	12.5	0.31987	1.24596	0.32313	2990.91
139	32.5	12.5	0.03543	2.5	5	10	25	0.37059	1.49668	0.41706	2991.03
140	32.5	12.5	0.03543	2.5	5	10	25	0.37059	1.49668	0.41706	2991.03
141	30	7.5	0.33341	17.5	22.5	10	22.5	0.78489	1.11213	0.42355	2991.26
142	35	12.5	0.03543	0	2.5	17.5	27.5	0.3217	1.57767	0.46827	2991.6
143	35	15	0.03334	55	5	5	10	0.33787	1.29319	0.31073	2991.7
144	32.5	10	0.03543	70	7.5	10	2.5	0.36346	1.50761	0.33745	2991.79
145	35	12.5	0.10836	5	2.5	15	27.5	0.86948	1.09422	0.44307	2992.01
146	35	12.5	0.10836	5	2.5	15	27.5	0.86948	1.09422	0.44307	2992.01
147	35	16.5	0.10836	0	2.5	10	35	0.80412	1.11534	0.35698	2992.02
148	35	16.5	0.10836	0	2.5	10	35	0.80412	1.11534	0.35698	2992.02
149	27.5	10	0.10836	52.5	5	5	10	0.58684	1.20366	0.42871	2992.09
150	37	15	0.09169	2.5	2.5	17.5	40	0.48569	1.15213	0.31994	2992.1
151	37	15	0.09169	2.5	2.5	17.5	40	0.48569	1.15213	0.31994	2992.1
152	37	15	0.09169	2.5	2.5	17.5	40	0.48569	1.15213	0.31994	2992.1
153	30	12.5	0.03334	5	5	7.5	15	0.42406	1.20958	0.37634	2992.12
154	37.5	15	0.08585	12.5	10	2.5	25	0.43098	1.18352	0.38238	2992.28

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
155	37.5	15	0.08585	12.5	10	2.5	25	0.43098	1.18352	0.38238	2992.28
156	44.5	22	0.03189	25	10	2.5	5	0.66134	1.20137	0.45065	2992.41
157	37.5	17.5	0.03334	32.5	12.5	15	12.5	0.44718	1.19946	0.35906	2992.51
158	35	15	0.03334	10	2.5	12.5	25	0.83641	1.20961	0.3383	2992.71
159	42.5	20	0.01084	45	5	5	5	0.63671	1.1881	0.43282	2992.91
160	32.5	12.5	0.03334	2.5	0	12.5	30	0.58963	1.20298	0.41205	2992.91
161	30	10	0.10836	0	0	22.5	25	1.16129	1.1708	0.47116	2992.98
162	27.5	7.5	0.03334	0	0	10	27.5	1.16129	1.1708	0.47116	2992.98
163	27.5	7.5	0.03334	0	0	10	27.5	1.16129	1.1708	0.47116	2992.98
164	27.5	7.5	0.03334	0	0	10	27.5	1.16129	1.1708	0.47116	2992.98
165	25	4.5	0.10836	25	2.5	7.5	35	0.82455	1.1102	0.3902	2993.23
166	29.5	6.5	0.27506	7.5	0	40	17.5	1.01955	1.11057	0.49141	2993.29
167	37.5	17.5	0.03334	25	5	10	12.5	0.63488	1.25093	0.40219	2993.32
168	37.5	17.5	0.03334	25	5	10	12.5	0.63488	1.25093	0.40219	2993.32
169	30	10	0.03334	30	5	7.5	17.5	1.1189	1.12216	0.35595	2993.32
170	23	5	0.10836	0	0	3	23	0.97031	1.08817	0.41086	2993.35
171	23	5	0.10836	0	0	3	23	0.97031	1.08817	0.41086	2993.35
172	27.5	10	0.10836	0	0	12.5	27.5	0.97031	1.08817	0.41086	2993.35
173	25	12.5	0.33341	5	2.5	17.5	25	0.98292	1.12179	0.47397	2993.36
174	18.5	7	0.33341	7.5	0	2.5	20.5	1.05691	1.08696	0.43588	2993.63
175	30	11.5	0.27506	10	5	10	22.5	0.77413	1.17403	0.47443	2993.67
176	30	11.5	0.27506	10	5	10	22.5	0.77413	1.17403	0.47443	2993.67
177	22.5	10	0.10836	2.5	0	7.5	45	1.33833	1.09245	0.52562	2993.75
178	32.5	12.5	0.03543	2.5	5	12.5	40	0.32006	1.58019	0.46414	2993.82
179	32.5	20	0.10836	60	2.5	2.5	15	1.23286	1.1471	0.48505	2993.82
180	23	4	0.27506	25	5	22.5	22.5	0.99401	1.10987	0.45268	2993.85
181	23	4	0.27506	25	5	22.5	22.5	0.99401	1.10987	0.45268	2993.85
182	23	4	0.27506	25	5	22.5	22.5	0.99401	1.10987	0.45268	2993.85
183	30	10	0.03334	2.5	2.5	17.5	15	0.67676	1.15762	0.44507	2993.88
184	40	13.5	0.10836	5	2.5	10	19.5	0.53444	1.25819	0.35034	2993.89
185	40	13.5	0.10836	5	2.5	10	19.5	0.53444	1.25819	0.35034	2993.89
186	37.5	12.5	0.10836	2.5	0	12.5	20	0.553	1.15937	0.35896	2993.94
187	40	17.5	0.1063	50	5	15	7.5	0.6249	1.1595	0.42259	2993.98
188	30	10	0.09169	45	7.5	7.5	12.5	0.58408	1.17551	0.36282	2994.06
189	26.5	11	0.10836	1	1.5	17.5	40	1.29751	1.14446	0.49566	2994.07
190	32.5	15	0.10836	5	2.5	12.5	25	0.64416	1.14347	0.43355	2994.07
191	32.5	15	0.10836	5	2.5	12.5	25	0.64416	1.14347	0.43355	2994.07
192	32.5	15	0.10836	5	2.5	12.5	25	0.64416	1.14347	0.43355	2994.07
193	21	5	1.08358	30	7.5	5	20	1.45957	1.19144	0.51804	2994.09

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
194	35	15	0.10836	0	2.5	7.5	30	0.44624	1.16944	0.34128	2994.19
195	22.5	4	0.33341	5	7.5	17.5	24.5	1.36326	1.1421	0.5133	2994.2
196	32.5	15	0.10836	2.5	2.5	20	22.5	1.08759	1.17516	0.39966	2994.22
197	37.5	17.5	0.03334	20	15	12.5	12.5	0.57354	1.13768	0.38071	2994.26
198	37.5	17.5	0.03334	20	15	12.5	12.5	0.57354	1.13768	0.38071	2994.26
199	37.5	17.5	0.03334	20	15	12.5	12.5	0.57354	1.13768	0.38071	2994.26
200	35	15	0.10836	10	5	5	17.5	0.51787	1.1585	0.44572	2994.33
201	30	12.5	0.10836	2.5	2.5	20	27.5	1.17252	1.09631	0.52023	2994.41
202	30	7	0.10836	2.5	7.5	10	20	1.20623	1.09164	0.50326	2994.42
203	30	10	0.03334	7.5	5	22.5	22.5	1.05289	1.09308	0.35845	2994.45
204	20	2.5	1.08358	17.5	5	17.5	25	1.40406	1.07706	0.53781	2994.47
205	20	2.5	1.08358	17.5	5	17.5	25	1.40406	1.07706	0.53781	2994.47
206	20	2.5	1.08358	17.5	5	17.5	25	1.40406	1.07706	0.53781	2994.47
207	30	12.5	0.10836	25	12.5	27.5	7.5	1.17364	1.09041	0.44207	2994.51
208	30	12.5	0.10836	25	12.5	27.5	7.5	1.17364	1.09041	0.44207	2994.51
209	32.5	12.5	0.10836	0	0	2.5	37.5	1.18027	1.08044	0.44534	2994.55
210	32.5	12.5	0.10836	0	0	2.5	37.5	1.18027	1.08044	0.44534	2994.55
211	32.5	12.5	0.10836	0	0	2.5	37.5	1.18027	1.08044	0.44534	2994.55
212	32.5	12.5	0.03543	2.5	5	12.5	40	0.70744	1.11577	0.46181	2994.63
213	28.5	10	0.33341	0	2.5	30	25	1.38472	1.11283	0.53706	2994.64
214	28.5	10	0.33341	0	2.5	30	25	1.38472	1.11283	0.53706	2994.64
215	28.5	10	0.33341	0	2.5	30	25	1.38472	1.11283	0.53706	2994.64
216	37.5	15	0.10836	0	0	20	35	0.65504	1.17766	0.36244	2994.7
217	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
218	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
219	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
220	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
221	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
222	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
223	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
224	30	9	0.02751	10	10	5	5	0.95483	1.0646	0.41867	2994.76
225	35	15	0.10836	17.5	2.5	7.5	20	0.52528	1.14474	0.33059	2994.77
226	35	15	0.10836	17.5	2.5	7.5	20	0.52528	1.14474	0.33059	2994.77
227	35	15	0.10836	17.5	2.5	7.5	20	0.52528	1.14474	0.33059	2994.77
228	35	7	0.10836	30	5	10	12.5	0.84463	1.15315	0.46763	2994.8
229	32.5	15	0.03334	2.5	2.5	15	27.5	1.01886	1.08779	0.44895	2994.84
230	30	7.5	0.10836	55	5	5	15	0.94707	1.0896	0.43436	2994.91
231	25	10	0.10836	10	50	2.5	15	0.94707	1.0896	0.43436	2994.91
232	17.5	2	0.10836	2.5	2.5	7.5	25	1.42928	1.09896	0.5494	2994.98

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
233	37	13	0.10836	2.5	0	3.5	26.5	1.2851	1.107	0.44719	2994.98
234	27.5	7.5	0.10836	0	0	2.5	27.5	1.2456	1.11622	0.49002	2995.02
235	27.5	7.5	0.10836	0	0	2.5	27.5	1.2456	1.11622	0.49002	2995.02
236	30	10	0.10836	12.5	0	7.5	25	0.62014	1.20023	0.39778	2995.04
237	32.5	10	0.10836	0	0	15	32.5	0.78529	1.1428	0.44886	2995.28
238	32.5	10	0.10836	0	0	15	32.5	0.78529	1.1428	0.44886	2995.28
239	40	3.5	0.33341	17.5	7.5	22.5	17.5	1.4424	1.08419	0.53631	2995.42
240	35	15	0.10836	47.5	5	7.5	10	0.78586	1.13847	0.44711	2995.42
241	22	3	0.27165	8	7	3	42	0.51863	1.4891	0.56801	2995.43
242	22	3	0.27165	8	7	3	42	0.51863	1.4891	0.56801	2995.43
243	20	4.5	0.33341	0	0	7.5	22.5	1.49163	1.09939	0.55454	2995.45
244	20	2.5	0.33341	30	10	17.5	15	0.94911	1.09779	0.50994	2995.67
245	32.5	15	0.10836	2.5	2.5	5	42.5	0.77626	1.09759	0.39485	2995.67
246	25	5	0.10836	50	5	7.5	12.5	1.54649	1.07805	0.55488	2995.69
247	25	5	0.10836	50	5	7.5	12.5	1.54649	1.07805	0.55488	2995.69
248	25	5	0.10836	50	5	7.5	12.5	1.54649	1.07805	0.55488	2995.69
249	35	15	0.03334	7.5	7.5	7.5	15	0.64984	1.13723	0.38487	2995.77
250	30	12.5	0.10836	25	0	10	25	0.74902	1.24743	0.39916	2995.81
251	30	12.5	0.10836	25	0	10	25	0.74902	1.24743	0.39916	2995.81
252	32.5	12.5	0.10836	2.5	2.5	7.5	27.5	0.85216	1.18335	0.42975	2995.82
253	37.5	15	0.10836	32.5	5	7.5	20	0.76849	1.1244	0.43304	2995.84
254	27.5	7.5	0.33341	22.5	10	17.5	20	1.58651	1.12584	0.52567	2995.87
255	27.5	7.5	0.33341	22.5	10	17.5	20	1.58651	1.12584	0.52567	2995.87
256	25	3.5	0.33341	0	2.5	12.5	45	0.96816	1.09031	0.51548	2995.9
257	25	3.5	0.33341	0	2.5	12.5	45	0.96816	1.09031	0.51548	2995.9
258	25	3.5	0.33341	0	2.5	12.5	45	0.96816	1.09031	0.51548	2995.9
259	25	3.5	0.33341	0	2.5	12.5	45	0.96816	1.09031	0.51548	2995.9
260	27.5	7.5	0.03331	32.5	5	10	10	0.83943	1.10279	0.47126	2995.9
261	27.5	7.5	0.03331	32.5	5	10	10	0.83943	1.10279	0.47126	2995.9
262	27.5	5	0.10831	20	5	17.5	22.5	1.69072	1.13775	0.55361	2995.94
263	27.5	5	0.10831	20	5	17.5	22.5	1.69072	1.13775	0.55361	2995.94
264	35.5	17	0.02751	0	1	4	35	0.63916	1.14823	0.39949	2995.95
265	35.5	17	0.02751	0	1	4	35	0.63916	1.14823	0.39949	2995.95
266	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
267	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
268	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
269	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
270	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
271	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
272	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
273	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
274	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
275	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
276	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
277	28	10	0.10836	12.5	0	6	22	0.82935	1.11877	0.41789	2995.96
278	27.5	10	0.10836	0	0	2.5	25	1.58314	1.08144	0.55392	2995.99
279	30	12.5	0.03334	52.5	7.5	12.5	5	1.58764	1.19045	0.50565	2996.02
280	30	7.5	0.10836	62.5	5	10	7.5	1.71301	1.17617	0.51913	2996.03
281	27.5	4	0.10836	2.5	0	15	30	1.58681	1.07448	0.57592	2996.04
282	22.5	5	0.10836	0	2.5	12.5	42.5	1.58681	1.07448	0.57592	2996.04
283	32.5	10	0.03334	45	5	7.5	12.5	1.03287	1.20484	0.46125	2996.06
284	30	13.5	0.10836	5	2.5	10	17.5	0.66966	1.1615	0.39994	2996.11
285	30	13.5	0.10836	5	2.5	10	17.5	0.66966	1.1615	0.39994	2996.11
286	30	10	0.03331	0	0	2.5	20	0.83523	1.11914	0.45081	2996.12
287	30	10	0.10831	40	5	12.5	20	0.9406	1.21421	0.42876	2996.13
288	30	10	0.10831	40	5	12.5	20	0.9406	1.21421	0.42876	2996.13
289	30	10	0.10836	45	12.5	12.5	10	1.30764	1.05135	0.52593	2996.14
290	30	10	0.10836	45	12.5	12.5	10	1.30764	1.05135	0.52593	2996.14
291	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
292	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
293	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
294	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
295	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
296	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
297	27.5	10	0.10836	0	0	17.5	12.5	0.79557	1.13949	0.34859	2996.17
298	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
299	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
300	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
301	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
302	27.5	10	0.10836	0	0	12.5	17.5	0.79557	1.13949	0.34859	2996.17
303	30	12.5	0.1063	2.5	2.5	20	15	1.09598	1.10961	0.52214	2996.17
304	40	19	0.10836	2.5	2.5	15	27	0.85479	1.1	0.4694	2996.22
305	35	15	0.03334	30	7.5	5	10	0.67414	1.16425	0.38109	2996.23
306	22.5	5	0.10836	5	5	7.5	40	1.68217	1.11707	0.56027	2996.26
307	47.5	30	0.0025	0	1	1.5	10	1.404	1.14119	0.4342	2996.27
308	47.5	30	0.0025	0	1	1.5	10	1.404	1.14119	0.4342	2996.27
309	27.5	7.5	0.10831	15	5	17.5	25	1.13794	1.11653	0.52543	2996.28
310	27.5	7.5	0.10831	15	5	17.5	25	1.13794	1.11653	0.52543	2996.28

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
311	35	15	0.10836	2.5	2.5	10	45	0.9445	1.12802	0.47634	2996.29
312	30	7.5	0.10836	27.5	5	7.5	30	0.84359	1.12303	0.45285	2996.33
313	25	7	0.10836	0	0	17.5	30	1.61367	1.06105	0.56802	2996.33
314	25	10	0.33341	0	0	27.5	32.5	1.61367	1.06105	0.56802	2996.33
315	29.5	6.5	0.27506	7.5	0	40	17.5	1.07384	1.1054	0.50806	2996.34
316	29.5	6.5	0.27506	7.5	0	40	17.5	1.07384	1.1054	0.50806	2996.34
317	27.5	10	0.03334	0	0	7.5	20	1.05435	1.16407	0.47665	2996.34
318	25	5	0.10836	0	0	5	20	1.41841	1.07293	0.51768	2996.36
319	20	2.5	0.10836	5	7.5	12.5	20	1.57975	1.02811	0.58194	2996.42
320	32	16	0.10836	0	5	13.5	33.5	0.94367	1.18517	0.42181	2996.47
321	32.5	7.5	0.03334	50	7.5	12.5	10	0.93936	1.10182	0.48571	2996.53
322	22.5	5	0.33341	0	0	25	30	1.30056	1.08042	0.48804	2996.55
323	25	7	0.10836	0	0	17.5	30	1.70608	1.07024	0.57604	2996.57
324	12.5	2.5	0.1063	0	0	10	37.5	1.74443	1.07832	0.5957	2996.6
325	28.5	11	0.10836	5	0	6	36	0.82978	1.10181	0.40438	2996.6
326	28.5	11	0.10836	5	0	6	36	0.82978	1.10181	0.40438	2996.6
327	28.5	11	0.10836	5	0	6	36	0.82978	1.10181	0.40438	2996.6
328	22.5	2.5	0.33341	0	0	22.5	35	1.17587	1.08813	0.53675	2996.63
329	30	10	0.10831	40	5	12.5	20	1.04587	1.19985	0.44737	2996.63
330	30	7.5	0.33341	2.5	5	27.5	20	1.90088	1.148	0.56616	2996.65
331	30	10	0.10836	10	2.5	12.5	17.5	1.14175	1.05986	0.45263	2996.66
332	22.5	7	0.33341	0	1	15	31.5	1.79127	1.10253	0.58607	2996.68
333	22.5	7	0.33341	0	1	15	31.5	1.79127	1.10253	0.58607	2996.68
334	30	10	0.10836	52.5	10	12.5	10	1.46266	1.09008	0.52925	2996.73
335	27.5	10	0.27506	17.5	12.5	10	15	0.90037	1.09799	0.44605	2996.76
336	30	10	0.10831	32.5	5	10	22.5	0.92519	1.11662	0.46121	2996.78
337	25	2.5	0.10836	37.5	5	22.5	15	2.05262	1.1683	0.57843	2996.83
338	25	2.5	0.10836	0	0	2.5	15	0.80032	1.13233	0.42978	2996.86
339	39	20	0.10836	0	2.5	20	36	0.9963	1.14388	0.4333	2996.86
340	32.5	15	0.10836	52.5	12.5	5	7.5	0.78207	1.13504	0.42535	2996.89
341	25	7.5	0.33341	5	10	22.5	27.5	1.66101	1.05191	0.57438	2996.93
342	20	0	1.08358	2.5	0	32.5	45	1.93356	1.13336	0.57393	2996.93
343	20	0	1.08358	2.5	0	32.5	45	1.93356	1.13336	0.57393	2996.93
344	27.5	7.5	0.33341	20	15	15	20	1.8481	1.10172	0.58944	2996.99
345	27.5	7.5	0.33341	20	15	15	20	1.8481	1.10172	0.58944	2996.99
346	32.5	12.5	0.03543	2.5	5	10	25	0.87299	1.10143	0.40334	2997
347	32.5	12.5	0.03543	2.5	5	10	25	0.87299	1.10143	0.40334	2997
348	22.5	2.5	0.33341	27.5	10	12.5	20	1.38463	1.06527	0.47048	2997
349	32.5	14.5	0.10836	2.5	1	1.5	34	0.88958	1.10726	0.40234	2997.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
350	32.5	14.5	0.10836	2.5	1	1.5	34	0.88958	1.10726	0.40234	2997.01
351	32.5	14.5	0.10836	2.5	1	1.5	34	0.88958	1.10726	0.40234	2997.01
352	32.5	17.5	0.10836	2.5	0	20	23.5	0.88958	1.10726	0.40234	2997.01
353	32.5	17.5	0.10836	2.5	0	20	23.5	0.88958	1.10726	0.40234	2997.01
354	32.5	17.5	0.10836	2.5	0	20	23.5	0.88958	1.10726	0.40234	2997.01
355	14	3.5	0.10836	0	0	3	34	2.14491	1.08564	0.58751	2997.02
356	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
357	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
358	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
359	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
360	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
361	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
362	22.5	2.5	0.10836	0	1.5	4.5	43	1.82613	1.09263	0.56117	2997.02
363	31	15.5	0.10836	1	0	6.5	12.5	1.39835	1.14845	0.54013	2997.06
364	32.5	12.5	0.03334	45	12.5	12.5	7.5	0.78493	1.12104	0.40358	2997.06
365	32.5	12.5	0.03334	45	12.5	12.5	7.5	0.78493	1.12104	0.40358	2997.06
366	18.5	3	0.10836	10	2.5	5	30	1.52026	1.03746	0.55167	2997.06
367	35	15	0.10836	0	0	10	45	0.88376	1.09724	0.3869	2997.12
368	35	15	0.10836	0	0	10	45	0.88376	1.09724	0.3869	2997.12
369	27.5	7.5	0.33341	0	0	15	35	2.08987	1.13144	0.49011	2997.13
370	22.5	7.5	0.27506	0	0	7.5	30	0.79368	1.12544	0.43652	2997.13
371	32.5	15	0.03334	0	2.5	15	12.5	0.48032	1.16962	0.38658	2997.15
372	30	15	0.10836	2.5	10	10	25	0.95095	1.16985	0.40067	2997.18
373	35	12.5	0.03331	2.5	0	15	32.5	1.00451	1.11076	0.44882	2997.2
374	33	20	0.10836	0	2.5	7.5	24.5	1.00451	1.11076	0.44882	2997.2
375	25	11.5	0.10836	2.5	0	16	35	1.49746	1.07958	0.5064	2997.21
376	25	11.5	0.10836	2.5	0	16	35	1.49746	1.07958	0.5064	2997.21
377	32.5	13.5	0.10836	0	0	0	7.5	0.9405	1.14178	0.41161	2997.25
378	32.5	13.5	0.10836	0	0	0	7.5	0.9405	1.14178	0.41161	2997.25
379	32.5	13.5	0.10836	0	0	0	7.5	0.9405	1.14178	0.41161	2997.25
380	32.5	13.5	0.10836	0	0	0	7.5	0.9405	1.14178	0.41161	2997.25
381	32.5	13.5	0.10836	0	0	0	7.5	0.9405	1.14178	0.41161	2997.25
382	27.5	11	0.10836	4	1	10	39	0.91526	1.09012	0.43602	2997.26
383	20	3.5	0.33341	22.5	0	12.5	22.5	1.81915	1.05649	0.6	2997.27
384	20	3.5	0.33341	22.5	2.5	15	20	1.81915	1.05649	0.6	2997.27
385	20	3.5	0.33341	22.5	2.5	15	20	1.81915	1.05649	0.6	2997.27
386	12.5	3.5	0.33071	22.5	2.5	15	20	1.81915	1.05649	0.6	2997.27
387	20	3	0.09169	0	0	7.5	22.5	2.07909	1.09778	0.56147	2997.28
388	20	3	0.09169	0	0	7.5	22.5	2.07909	1.09778	0.56147	2997.28

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
389	20	3	0.09169	0	0	7.5	22.5	2.07909	1.09778	0.56147	2997.28
390	27.5	10	0.10836	45	5	5	12.5	1.13886	1.1781	0.45367	2997.29
391	35	5	0.10836	0	0	2.5	22.5	1.26194	1.07223	0.55077	2997.35
392	21.5	3.5	0.10836	0	2.5	23.5	34	1.87477	1.0716	0.57665	2997.39
393	37.5	18	0.1063	2.5	0	17.5	47.5	0.57324	1.44964	0.52451	2997.4
394	20	2.5	0.27506	2.5	2.5	12.5	55	1.81202	1.03835	0.59773	2997.41
395	22.5	5	0.33341	0	1	2	49	1.82899	1.05331	0.59295	2997.46
396	22.5	5	0.33341	0	1	2	49	1.82899	1.05331	0.59295	2997.46
397	20.5	3.5	0.33341	0	1	2	49	1.82899	1.05331	0.59295	2997.46
398	30	10	0.10836	5	2.5	12.5	35	0.98555	1.10063	0.45826	2997.5
399	22.5	5	0.10836	5	7.5	32.5	25	2.01271	1.10924	0.58911	2997.5
400	20	2.5	0.10836	25	12.5	15	20	1.4212	1.17147	0.51665	2997.51
401	25	2.5	0.10836	10	2.5	27.5	17.5	1.79694	1.05191	0.59057	2997.51
402	20	7.5	0.08335	5	7.5	17.5	30	1.79694	1.05191	0.59057	2997.51
403	42.5	17.5	0.27508	0	0	5	10	1.31317	1.06973	0.55294	2997.52
404	30	10	0.1063	0	0	0	60	1.16849	1.13868	0.47764	2997.53
405	25	7.5	0.33341	0	0	7.5	42.5	2.00755	1.09632	0.5938	2997.55
406	27.5	9.5	0.10836	0	0	2.5	7.5	1.77759	1.12392	0.43677	2997.55
407	30	12.5	0.03334	0	0	5	17.5	1.77759	1.12392	0.43677	2997.55
408	25	5	0.33341	52.5	7.5	15	10	2.20654	1.16472	0.58245	2997.56
409	45	22.5	0.01087	20	5	5	5	1.05162	1.05184	0.36354	2997.6
410	25	2.5	0.10836	2.5	0	17.5	30	1.73217	0.99227	0.43746	2997.6
411	27.5	5	0.33341	20	10	10	20	1.67806	1.05044	0.56245	2997.62
412	30	3.5	0.33341	15	2.5	5	38	1.40204	1.10928	0.41421	2997.66
413	35	15	0.10836	60	5	7.5	7.5	0.90216	1.10296	0.41196	2997.68
414	25	7.5	0.1063	0	5	10	20	1.70005	1.08684	0.40364	2997.69
415	27.5	8	0.33341	0	0	2.5	12.5	3.08182	1.13545	0.74401	2997.72
416	25	2.5	0.33341	32.5	5	12.5	10	1.87693	1.05904	0.59304	2997.73
417	27.5	7.5	0.10836	27.5	7.5	15	17.5	1.87693	1.05904	0.59304	2997.73
418	25	2.5	0.33341	27.5	5	22.5	17.5	1.87693	1.05904	0.59304	2997.73
419	22.5	4	0.33341	22.5	7.5	10	17.5	1.45167	1.09646	0.54853	2997.73
420	22.5	4	0.33341	22.5	7.5	10	17.5	1.45167	1.09646	0.54853	2997.73
421	32.5	13	0.10836	7.5	0	2.5	40	0.9099	1.08063	0.36708	2997.73
422	22.5	6	0.33341	2.5	12.5	10	32.5	1.88181	1.05747	0.46222	2997.74
423	45.5	18	0.10836	5	0	5	35	0.60873	1.172	0.40079	2997.76
424	32.5	17.5	0.10836	2.5	0	20	23.5	1.01663	1.08579	0.43988	2997.76
425	30	7.5	0.10836	10	5	12.5	30	0.96021	1.09749	0.42025	2997.76
426	19	3.5	0.33341	2.5	2.5	13	34.5	1.59703	1.15378	0.54078	2997.78
427	25	7.5	0.33341	30	5	12.5	32.5	2.30657	1.03079	0.65824	2997.78

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
428	25	2.5	0.10836	5	2.5	22.5	27.5	1.77342	1.07242	0.45282	2997.79
429	25	2.5	0.10836	5	2.5	22.5	27.5	1.77342	1.07242	0.45282	2997.79
430	30	10	0.10836	22.5	15	7.5	7.5	0.59302	1.15781	0.3878	2997.79
431	30	10	0.10836	22.5	15	7.5	7.5	0.59302	1.15781	0.3878	2997.79
432	21	5	1.08358	15	5	5	12.5	1.44171	1.09355	0.56104	2997.8
433	30	10	0.03543	70	5	2.5	5	1.2316	1.06243	0.41568	2997.82
434	31.5	13	0.09169	1	1.5	5	32.5	0.80744	1.1154	0.35446	2997.82
435	27.5	7.5	0.33341	0	0	35	30	1.52824	1.12021	0.54662	2997.83
436	22.5	5	0.10836	47.5	2.5	5	14	1.63416	1.06239	0.52706	2997.83
437	22.5	5	0.10836	47.5	2.5	5	14	1.63416	1.06239	0.52706	2997.83
438	22.5	5	0.10836	47.5	2.5	5	14	1.63416	1.06239	0.52706	2997.83
439	30	10	0.10836	7.5	5	15	25	0.90714	1.08787	0.4536	2997.84
440	25	5	0.33341	0	2.5	30	27	1.71376	1.07592	0.53068	2997.84
441	25	5	0.33341	0	2.5	30	27	1.71376	1.07592	0.53068	2997.84
442	25	5	0.33341	0	2.5	30	27	1.71376	1.07592	0.53068	2997.84
443	27.5	10	0.10836	0	2.5	25	30	1.71376	1.07592	0.53068	2997.84
444	15	5	0.10836	0	0	2.5	32.5	1.87842	1.04167	0.60194	2997.85
445	26	9	0.10836	0	2.5	7.5	39	2.87572	1.14774	0.71218	2997.85
446	26	9	0.10836	0	2.5	7.5	39	2.87572	1.14774	0.71218	2997.85
447	20	2.5	0.33341	60	10	10	10	2.87572	1.14774	0.71218	2997.85
448	22.5	5	0.33343	2.5	12.5	-5	40	1.60533	1.10948	0.44689	2997.87
449	23	7	0.33071	50	10	5	5	1.99754	1.06712	0.6197	2997.88
450	35	15	0.10836	22.5	0	10	17.5	0.85225	1.07997	0.38949	2997.89
451	35	15	0.10836	22.5	0	10	17.5	0.85225	1.07997	0.38949	2997.89
452	31	12.5	0.10836	0	0	7.5	39.5	1.18315	1.11651	0.47174	2997.9
453	27.5	7.5	0.10836	5	2.5	15	20	1.49543	1.13633	0.53085	2997.91
454	25	5	0.33341	2.5	10	22.5	25	1.49543	1.13633	0.53085	2997.91
455	25	5	0.33341	2.5	10	22.5	25	1.49543	1.13633	0.53085	2997.91
456	25	5	0.33341	2.5	10	22.5	25	1.49543	1.13633	0.53085	2997.91
457	25	5	0.33341	2.5	10	22.5	25	1.49543	1.13633	0.53085	2997.91
458	25	5	0.33341	2.5	10	22.5	25	1.49543	1.13633	0.53085	2997.91
459	25	5	0.33341	2.5	10	22.5	25	1.49543	1.13633	0.53085	2997.91
460	20	2.5	0.33341	30	5	20	20	3.02036	1.16459	0.74793	2997.91
461	20	2.5	0.10836	2.5	0	22.5	25	1.89841	1.04752	0.58831	2997.92
462	20	2.5	0.10836	2.5	0	22.5	25	1.89841	1.04752	0.58831	2997.92
463	20	2.5	0.10836	2.5	0	22.5	25	1.89841	1.04752	0.58831	2997.92
464	20	2.5	0.10836	2.5	0	22.5	25	1.89841	1.04752	0.58831	2997.92
465	31	13.5	0.33341	0	0	10	56.5	1.32842	1.11209	0.3981	2997.94
466	30	12.5	0.03334	55	7.5	7.5	5	1.23079	1.06258	0.41685	2997.94

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
467	35	15	0.03334	0	0	10	20	0.6064	1.15888	0.42931	2997.95
468	35	15	0.03334	0	0	10	20	0.6064	1.15888	0.42931	2997.95
469	30	7.5	0.03334	5	0	22.5	22.5	1.14069	1.1295	0.46025	2997.95
470	32.5	11.5	0.10836	22.5	12.5	10	15	0.96602	1.0785	0.37104	2997.96
471	27.5	6	0.10836	0	0	10	10	2.12999	1.07604	0.59876	2997.96
472	25	2.5	1.08358	32.5	5	15	22.5	2.6624	1.08759	0.72227	2997.96
473	27.5	9.5	0.10836	12.5	5	10	30	1.15575	1.1468	0.39865	2997.97
474	20	3	0.33341	1.5	1.5	2	52.5	3.23213	1.07871	0.81423	2997.97
475	20	3	0.33341	1.5	1.5	2	52.5	3.23213	1.07871	0.81423	2997.97
476	20	3	0.33341	1.5	1.5	2	52.5	3.23213	1.07871	0.81423	2997.97
477	20	3	0.33341	1.5	1.5	2	52.5	3.23213	1.07871	0.81423	2997.97
478	20	3	0.33341	1.5	1.5	2	52.5	3.23213	1.07871	0.81423	2997.97
479	25	2.5	0.33071	2.5	5	32.5	30	2.57598	1.12571	0.66654	2997.97
480	21	3.5	0.10836	0	7.5	17.5	22.5	2.57598	1.12571	0.66654	2997.97
481	21	3.5	0.10836	0	7.5	17.5	22.5	2.57598	1.12571	0.66654	2997.97
482	21	3.5	0.10836	0	7.5	17.5	22.5	2.57598	1.12571	0.66654	2997.97
483	21	3.5	0.10836	0	7.5	17.5	22.5	2.57598	1.12571	0.66654	2997.97
484	21	3.5	0.10836	0	7.5	17.5	22.5	2.57598	1.12571	0.66654	2997.97
485	25	2.5	0.33071	2.5	5	32.5	30	2.57598	1.12571	0.66654	2997.97
486	25	5	0.10836	5	2.5	20	25	2.57598	1.12571	0.66654	2997.97
487	25	5	0.10836	5	2.5	20	25	2.57598	1.12571	0.66654	2997.97
488	25	2.5	0.33341	0	2.5	20	40	2.61931	1.10318	0.56192	2997.97
489	22.5	5	0.10836	0	2.5	15	37.5	2.61931	1.10318	0.56192	2997.97
490	20	4.5	0.33341	30	2.5	17.5	17.5	2.48989	1.03091	0.67993	2997.97
491	22.5	5	0.33341	2.5	1	1.5	57.5	1.95483	1.11153	0.55538	2997.97
492	22.5	5	0.33341	2.5	1	1.5	57.5	1.95483	1.11153	0.55538	2997.97
493	22.5	5	0.33341	2.5	1	1.5	57.5	1.95483	1.11153	0.55538	2997.97
494	22.5	5	0.33341	2.5	1	1.5	57.5	1.95483	1.11153	0.55538	2997.97
495	20	3.5	0.33341	7.5	5	17.5	30	2.15954	1.052	0.61961	2997.97
496	30	11	0.10836	47.5	2.5	5	14	1.21255	1.11703	0.41262	2997.97
497	20	3	0.10836	5	0	32.5	27.5	2.93451	1.04817	0.77783	2997.98
498	32.5	9	0.10836	12.5	7.5	0	30	1.67373	1.05242	0.41448	2997.99
499	30	9	0.10836	5	2.5	12.5	30	1.42504	1.02374	0.4038	2997.99
500	30	7.5	0.10836	57.5	5	5	15	1.13658	1.08391	0.47955	2998
501	30	7.5	0.10836	57.5	5	5	15	1.13658	1.08391	0.47955	2998
502	20	2	1.08358	0	0	12.5	62.5	2.72325	1.13908	0.64699	2998
503	17.5	2.5	0.10836	5	7.5	20	30	2.76352	1.03715	0.7631	2998
504	25	7.5	0.10836	35	5	10	17.5	1.04885	1.09895	0.41054	2998
505	30	10	0.10836	0	0	15	40	1.14412	1.1316	0.42851	2998.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
506	30	10	0.10836	0	0	15	40	1.14412	1.1316	0.42851	2998.01
507	30	10	0.10836	0	0	15	40	1.14412	1.1316	0.42851	2998.01
508	35	15	0.03334	0	0	5	15	1.14412	1.1316	0.42851	2998.01
509	34	16	0.10836	50	10	5	15	1.13213	1.09571	0.47394	2998.01
510	25	3.5	0.33341	0	0	17.5	35	1.19901	1.05232	0.51005	2998.01
511	32.5	12.5	0.03334	0	2.5	17.5	27.5	0.76367	1.15434	0.46068	2998.01
512	35	12.5	0.03334	0	2.5	17.5	27.5	0.76367	1.15434	0.46068	2998.01
513	27.5	7.5	0.03334	10	2.5	2.5	20	1.07963	1.05713	0.48713	2998.01
514	30	15	0.10836	2.5	0	5	35	1.19081	1.02603	0.40181	2998.02
515	25	5	0.10836	0	0	10	30	2.00335	1.05388	0.62381	2998.02
516	7	0	1.08661	0	0	27.5	50	2.7841	1.14075	0.67905	2998.03
517	25	5	0.10836	47.5	10	12.5	12.5	2.7841	1.14075	0.67905	2998.03
518	25	5	0.10836	47.5	10	12.5	12.5	2.7841	1.14075	0.67905	2998.03
519	25	5	0.10836	47.5	10	12.5	12.5	2.7841	1.14075	0.67905	2998.03
520	20	3.5	0.10836	15	2.5	17.5	17.5	2.71314	1.0311	0.7319	2998.04
521	33	18	0.10836	0.5	0.5	4	32	1.52656	1.03446	0.44001	2998.04
522	35	15	0.03334	50	10	7.5	7.5	0.69121	1.11002	0.3662	2998.04
523	22.5	7.5	0.33341	2.5	2.5	25	27.5	2.29124	1.04855	0.62217	2998.04
524	42.5	17.5	0.01084	0	0	5	10	1.16659	1.06342	0.49454	2998.04
525	30	10	0.03334	7.5	10	10	35	1.20246	1.09538	0.48859	2998.05
526	17.5	2.5	0.33341	2.5	2.5	10	55	3.15275	1.06049	0.82799	2998.06
527	20	3.5	0.10836	12.5	5	25	25	2.90834	1.04001	0.76214	2998.06
528	35	15	0.10836	12.5	0	10	30	0.85026	1.18048	0.45614	2998.07
529	22.5	2.5	0.33341	20	17.5	22.5	17.5	2.8184	1.03961	0.75361	2998.07
530	22.5	2.5	0.33341	15	15	30	12.5	1.81242	1.09545	0.54288	2998.08
531	26	7	0.10836	0	2.5	2.5	21	1.19805	1.09161	0.47275	2998.09
532	17.5	0	0.33341	6.5	1.5	2	45	2.48387	1.08986	0.65685	2998.1
533	17.5	0	0.33341	6.5	1.5	2	45	2.48387	1.08986	0.65685	2998.1
534	17.5	0	0.33341	6.5	1.5	2	45	2.48387	1.08986	0.65685	2998.1
535	17.5	0	0.33341	6.5	1.5	2	45	2.48387	1.08986	0.65685	2998.1
536	17.5	0	0.33341	6.5	1.5	2	45	2.48387	1.08986	0.65685	2998.1
537	34.5	12	0.10836	5	3	17	22	1.8777	1.04299	0.48599	2998.1
538	34.5	12	0.10836	5	3	17	22	1.8777	1.04299	0.48599	2998.1
539	34.5	12	0.10836	5	3	17	22	1.8777	1.04299	0.48599	2998.1
540	25	5	0.33341	12.5	2.5	22.5	25	1.85039	1.07688	0.56261	2998.1
541	25	5	0.10836	0	0	10	10	1.36335	1.06943	0.54333	2998.1
542	25	5	0.03334	0	0	37.5	20	2.9769	1.15139	0.76143	2998.11
543	25	7.5	0.10836	52.5	7.5	7.5	7.5	2.01531	1.0381	0.62897	2998.12
544	22.5	7.5	0.33341	0	0	22.5	32.5	2.50225	1.12455	0.65934	2998.12

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
545	21	3.5	0.10836	0	0	2.5	22.5	2.50225	1.12455	0.65934	2998.12
546	21	3.5	0.10836	0	0	2.5	22.5	2.50225	1.12455	0.65934	2998.12
547	21	3.5	0.10836	0	0	2.5	22.5	2.50225	1.12455	0.65934	2998.12
548	22.5	2.5	0.33341	10	2.5	22.5	32.5	2.50219	1.04687	0.67395	2998.12
549	20	2.5	1.08358	32.5	7.5	17.5	12.5	1.4646	1.09969	0.53862	2998.12
550	17.5	2.5	0.33343	60	5	5	12.5	2.98492	1.15423	0.74812	2998.13
551	20	5	0.33341	55	5	10	10	2.98492	1.15423	0.74812	2998.13
552	20	5	0.33341	55	5	10	10	2.98492	1.15423	0.74812	2998.13
553	20	1.5	1.08358	2.5	0	17.5	65	3.13648	1.10246	0.7955	2998.13
554	20	3.5	0.33341	2.5	0	15	37.5	2.00581	1.0457	0.62796	2998.14
555	20	5	0.33071	7.5	15	15	27.5	2.95028	1.11742	0.77258	2998.14
556	35	10	0.10836	57.5	0	7.5	12.5	0.61787	1.14712	0.43374	2998.15
557	21.5	4.5	0.33341	5	0	15	42.5	2.65249	1.02513	0.72275	2998.15
558	21.5	4.5	0.33341	5	0	15	42.5	2.65249	1.02513	0.72275	2998.15
559	22.5	2.5	0.27506	15	5	10	22.5	2.91883	1.06454	1.11737	2998.15
560	22.5	7	0.10836	12.5	0	7.5	22.5	1.24034	1.07398	0.51517	2998.16
561	17.5	2.5	0.10836	5	5	5	35	2.22536	1.09656	1.0088	2998.18
562	22.5	5	0.33341	10	0	17.5	35.5	3.1206	1.09244	0.75019	2998.18
563	50	27.5	0.01084	50	5	2.5	2.5	1.31485	1.05338	0.41057	2998.18
564	30	12.5	0.10836	0	2.5	10	22.5	2.03264	1.03017	0.4671	2998.18
565	32	15	0.10836	5	0	0	50	1.0092	1.06319	0.37251	2998.18
566	20	3.5	0.10836	0	0	5	15	1.26032	1.05802	0.47499	2998.19
567	32.5	12.5	0.10836	5	2.5	7.5	27.5	1.58799	1.07267	0.40767	2998.19
568	32.5	12.5	0.10836	5	2.5	7.5	27.5	1.58799	1.07267	0.40767	2998.19
569	20	3.5	0.10836	0	0	27.5	32.5	2.20202	1.07296	0.6012	2998.2
570	25	2.5	0.33341	57.5	5	17.5	7.5	1.71558	1.1036	0.583	2998.2
571	50	30	0.0025	2.5	5	7.5	12.5	1.65107	1.0877	0.40507	2998.2
572	35	15	0.10836	2.5	5	12.5	22.5	1.94036	1.04284	0.45278	2998.2
573	35	15	0.10836	2.5	5	12.5	22.5	1.94036	1.04284	0.45278	2998.2
574	35	15	0.10836	2.5	5	12.5	22.5	1.94036	1.04284	0.45278	2998.2
575	35	15	0.10836	2.5	5	12.5	22.5	1.94036	1.04284	0.45278	2998.2
576	17.5	3.5	1.08358	0	2.5	30	37.5	1.30014	1.05324	0.40529	2998.2
577	33	16.5	0.03334	2.5	0	2.5	39.5	1.30014	1.05324	0.40529	2998.2
578	17.5	2.5	0.10836	2.5	2.5	22.5	22.5	2.28823	1.06944	0.52029	2998.2
579	19	3	0.10836	10	2.5	30	25	2.98651	1.10357	0.76331	2998.21
580	19	3	0.10836	10	2.5	30	25	2.98651	1.10357	0.76331	2998.21
581	47.5	22.5	0.03334	0	0	10	12.5	1.62738	1.01885	0.42972	2998.21
582	20	2.5	0.33341	7.5	20	20	20	3.17945	1.15194	0.81914	2998.22
583	22.5	2.5	0.33341	55	10	10	7.5	2.77244	1.0741	0.74476	2998.22

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
584	22.5	2.5	0.33341	55	10	10	7.5	2.77244	1.0741	0.74476	2998.22
585	22.5	5	0.33341	0	2.5	2.5	34.5	2.97245	1.08783	0.75139	2998.22
586	22.5	5	0.33341	0	2.5	2.5	34.5	2.97245	1.08783	0.75139	2998.22
587	22.5	5	0.33341	0	2.5	2.5	34.5	2.97245	1.08783	0.75139	2998.22
588	22.5	5	0.33341	0	2.5	2.5	34.5	2.97245	1.08783	0.75139	2998.22
589	22.5	5	0.33341	0	2.5	2.5	34.5	2.97245	1.08783	0.75139	2998.22
590	22.5	5	0.33341	0	0	10	50	2.4645	1.05613	0.59472	2998.22
591	25	3.5	0.33341	0	0	5	45	2.53138	1.02139	0.70229	2998.23
592	25	3.5	0.33341	0	0	5	45	2.53138	1.02139	0.70229	2998.23
593	35	12.5	0.27508	2.5	2.5	7.5	42.5	1.41408	1.05017	0.43502	2998.23
594	25	5	0.33341	0	2.5	20	37.5	2.41093	1.01448	0.66673	2998.23
595	20	3.5	0.33341	2.5	2.5	7.5	68.5	2.42051	1.04271	0.67338	2998.24
596	27.5	10	0.10836	5	15	10	20	2.20077	1.03312	0.57841	2998.24
597	25	5	0.33341	0	2.5	20	37.5	2.60936	1.0231	0.61812	2998.24
598	25	5	0.33341	0	2.5	20	37.5	2.60936	1.0231	0.61812	2998.24
599	24	6	0.33341	2.5	0	5	47	2.60936	1.0231	0.61812	2998.24
600	45	27.5	0.0025	0	0	0	10	0.92543	1.07282	0.36076	2998.24
601	20	5	0.33341	2.5	0	22.5	35	2.36542	1.15665	0.5967	2998.24
602	20	5	0.33341	2.5	0	22.5	35	2.36542	1.15665	0.5967	2998.24
603	50	20	0.01084	0	0	2.5	12.5	1.25002	1.05468	0.39053	2998.24
604	25.5	11	0.10836	5	5	15	30	1.58959	1.07042	0.40473	2998.25
605	25.5	11	0.10836	5	5	15	30	1.58959	1.07042	0.40473	2998.25
606	25	2.5	0.10836	10	2.5	22.5	25	2.73029	1.04939	0.70303	2998.25
607	26	8	0.33341	14	0	3.5	32	2.26725	1.03321	0.5314	2998.25
608	17.5	0	1.08358	2.5	2.5	32.5	45	2.98053	1.04574	0.8005	2998.26
609	17.5	0	1.08358	2.5	2.5	32.5	45	2.98053	1.04574	0.8005	2998.26
610	22.5	5	0.10836	5	0	10	37.5	1.90572	1.03288	0.61666	2998.26
611	22.5	7.5	0.33341	42.5	5	5	15	1.60274	1.04153	0.53096	2998.26
612	22.5	7.5	0.33341	42.5	5	5	15	1.60274	1.04153	0.53096	2998.26
613	23.5	10	0.25839	5	10	17.5	25	1.55355	1.0509	0.41133	2998.26
614	20	3.5	0.33341	0	2.5	10	50	1.77408	1.06921	0.5377	2998.26
615	27.5	3.5	0.27506	5	2.5	20	27.5	2.22299	1.02584	0.60592	2998.26
616	17.5	5	0.33341	0	0	20	32.5	2.28362	1.02492	0.62809	2998.27
617	25	3.5	0.33341	0	0	17.5	35	1.16253	1.06767	0.48822	2998.28
618	25	7.5	0.10836	5	0	5	40	2.496	1.03831	0.67658	2998.29
619	23	3.5	0.10836	5	5	2.5	36	2.5014	1.04032	0.70771	2998.29
620	23	3.5	0.10836	5	5	2.5	36	2.5014	1.04032	0.70771	2998.29
621	25	7.5	0.33341	55	5	7.5	17.5	2.28531	1.04128	0.69359	2998.3
622	40	20	0.10836	2.5	2.5	0	32.5	0.80721	1.11852	0.34535	2998.3

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
623	19	5	0.27506	2.5	2.5	22.5	25	2.71741	1.02904	0.76788	2998.31
624	25	2.5	0.33341	2.5	0	20	35	2.33625	1.02407	0.67511	2998.31
625	17.5	5	0.10836	22.5	5	2.5	15	1.50343	1.08439	0.55737	2998.31
626	17.5	5	0.10836	22.5	5	2.5	15	1.50343	1.08439	0.55737	2998.31
627	17.5	5	0.10836	22.5	5	2.5	15	1.50343	1.08439	0.55737	2998.31
628	17.5	5	0.10836	22.5	5	2.5	15	1.50343	1.08439	0.55737	2998.31
629	30	7	0.10836	0	2.5	12.5	30	2.32787	1.02373	0.66977	2998.31
630	30	7	0.10836	0	2.5	12.5	30	2.32787	1.02373	0.66977	2998.31
631	26.5	8.5	1.08358	50	15	10	12.5	2.75915	1.02968	0.77293	2998.32
632	26.5	8.5	1.08358	50	15	10	12.5	2.75915	1.02968	0.77293	2998.32
633	25	7.5	0.10836	57.5	7.5	7.5	7.5	2.35878	1.07154	0.68337	2998.32
634	25	7.5	0.10836	57.5	7.5	7.5	7.5	2.35878	1.07154	0.68337	2998.32
635	22.5	2.5	0.33341	5	10	25	27.5	1.43244	1.05961	0.56043	2998.32
636	35	15	0.10831	5	5	12.5	22.5	0.77406	1.18363	0.45704	2998.32
637	35	15	0.10836	12.5	0	12.5	30	0.77406	1.18363	0.45704	2998.32
638	20	4.5	0.33341	2.5	2.5	32.5	30	2.59338	1.09168	0.72937	2998.32
639	32.5	15	0.10836	10	0	5	22.5	1.06715	1.08185	0.40696	2998.32
640	32.5	15	0.10836	10	0	5	22.5	1.06715	1.08185	0.40696	2998.32
641	32.5	14	0.10836	2.5	0	5	52	1.14391	1.08446	0.40192	2998.33
642	24	7.5	0.33341	5	0	11	46.5	1.74587	1.11251	0.5749	2998.33
643	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
644	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
645	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
646	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
647	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
648	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
649	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
650	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
651	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
652	19	4.5	0.33341	1	1	6.5	51.5	2.4418	1.04415	0.70318	2998.34
653	18.5	7	0.33341	7.5	0	2.5	26.5	1.54663	1.12501	0.52643	2998.34
654	17.5	2.5	0.33341	17.5	12.5	22.5	20	4.07565	1.16367	1.04256	2998.34
655	35	5	0.33341	7.5	2.5	10	31	2.36229	1.06998	0.67146	2998.34
656	45	15	0.33341	5	5	5	10	1.80738	1.09178	0.48891	2998.35
657	45	15	0.33341	5	5	5	10	1.80738	1.09178	0.48891	2998.35
658	45	15	0.33341	5	5	5	10	1.80738	1.09178	0.48891	2998.35
659	20	2	0.10836	5	2.5	22.5	30	3.16973	1.0908	0.86906	2998.35
660	20	2.5	0.33341	0	0	22.5	30	2.40335	1.04713	0.69234	2998.35
661	17.5	2.5	0.33343	2.5	2.5	25	17.5	2.39261	1.03499	0.66997	2998.35

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
662	17.5	2.5	0.33343	2.5	2.5	25	17.5	2.39261	1.03499	0.66997	2998.35
663	17.5	2.5	0.33343	2.5	2.5	25	17.5	2.39261	1.03499	0.66997	2998.35
664	17.5	2.5	0.33343	2.5	2.5	25	17.5	2.39261	1.03499	0.66997	2998.35
665	7	0	1.66701	32.5	5	35	10	3.67817	1.15342	0.95847	2998.35
666	20	2.5	0.91688	25	22.5	7.5	25	2.42043	1.07719	0.70754	2998.35
667	37.5	15	0.10836	10	0	0	2.5	2.62037	1.01487	0.49264	2998.36
668	22.5	2.5	0.33341	40	10	7.5	15	1.9631	1.0006	0.47774	2998.36
669	34	20	0.01084	2.5	0	5	37.5	1.58254	1.04382	0.41963	2998.36
670	25	7.5	0.10836	17.5	2.5	2.5	25	1.2997	1.05472	0.41632	2998.36
671	25	7.5	0.10836	17.5	2.5	2.5	25	1.2997	1.05472	0.41632	2998.36
672	25	7.5	0.10836	17.5	2.5	2.5	25	1.2997	1.05472	0.41632	2998.36
673	25	7.5	0.10836	17.5	2.5	2.5	25	1.2997	1.05472	0.41632	2998.36
674	25	7.5	0.10836	17.5	2.5	2.5	25	1.2997	1.05472	0.41632	2998.36
675	20	1.5	0.33341	0	2.5	22.5	40	2.51067	1.00122	0.53827	2998.36
676	20	1.5	0.33341	0	2.5	22.5	40	2.51067	1.00122	0.53827	2998.36
677	20	1.5	0.33341	0	2.5	22.5	40	2.51067	1.00122	0.53827	2998.36
678	37.5	12.5	0.1063	62.5	2.5	10	2.5	1.67432	1.09785	0.47786	2998.36
679	25	2.5	0.10836	12.5	2.5	12.5	27.5	2.66771	1.05653	0.74778	2998.36
680	22.5	7.5	0.33341	35	2.5	15	20	1.76002	1.14424	0.55675	2998.37
681	17.5	2.5	0.33341	27.5	10	7.5	10	1.76002	1.14424	0.55675	2998.37
682	30	12.5	0.03334	30	5	12.5	22.5	1.50585	1.02668	0.45913	2998.37
683	20	2	1.08358	2.5	0	12.5	65	2.92087	1.04748	0.8422	2998.38
684	45	10	0.10836	15	2.5	5	15	2.88662	1.06125	0.77423	2998.38
685	25	7.5	0.10836	25	15	22.5	10	1.78872	1.16871	0.55695	2998.38
686	42.5	27.5	0.03334	5	5	5	15	2.42877	0.99366	0.53436	2998.38
687	22.5	7.5	0.10836	2.5	7.5	22.5	17.5	2.3314	1.01617	0.68064	2998.38
688	22.5	7.5	0.10836	2.5	7.5	22.5	17.5	2.3314	1.01617	0.68064	2998.38
689	22.5	7.5	0.10836	2.5	7.5	22.5	17.5	2.3314	1.01617	0.68064	2998.38
690	22.5	7.5	0.33341	5	2.5	5	50	2.51636	1.03983	0.73394	2998.39
691	22.5	7.5	0.33341	5	2.5	5	50	2.51636	1.03983	0.73394	2998.39
692	25	2.5	0.10836	12.5	0	15	27.5	2.63072	1.04577	0.79911	2998.39
693	25	2.5	0.10836	12.5	0	15	27.5	2.63072	1.04577	0.79911	2998.39
694	25	2.5	0.10836	12.5	0	15	27.5	2.63072	1.04577	0.79911	2998.39
695	25	2.5	0.10836	12.5	0	15	27.5	2.63072	1.04577	0.79911	2998.39
696	25	5	0.33341	0	0	25	32.5	2.65729	1.05262	0.77113	2998.39
697	20	2	1.08358	1	1.5	12.5	60	3.39772	1.05058	0.93497	2998.39
698	17.5	0	1.08358	1	1.5	32.5	47.5	3.39772	1.05058	0.93497	2998.39
699	37.5	17.5	0.03334	0	0	10	2.5	2.89773	0.99596	0.61799	2998.4
700	35	12.5	0.01084	0	0	30	22.5	0.7956	1.103	0.36712	2998.4

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
701	36	17.5	0.03334	0	0	10	25	0.7956	1.103	0.36712	2998.4
702	20	3.5	0.33341	17.5	15	27.5	12.5	2.45802	1.02114	0.61238	2998.4
703	22.5	2.5	0.33341	50	12.5	10	12.5	2.60212	1.02136	0.61357	2998.41
704	22.5	2.5	0.33071	5	0	37.5	32.5	3.06725	1.0325	0.85226	2998.41
705	22.5	2.5	0.33071	5	0	37.5	32.5	3.06725	1.0325	0.85226	2998.41
706	22.5	2.5	0.33341	2.5	10	32.5	20	2.50448	1.04156	0.75053	2998.41
707	20	4	0.33341	35	2.5	10	20	2.87927	1.05033	0.70106	2998.41
708	30	10	0.10836	0	5	12.5	22.5	1.5384	1.05163	0.56899	2998.41
709	30	10	0.10836	0	5	12.5	22.5	1.5384	1.05163	0.56899	2998.41
710	25	2.5	0.33341	2.5	0	32.5	22.5	2.52246	1.02554	0.74432	2998.42
711	25	2.5	0.10836	2.5	0	32.5	22.5	2.52246	1.02554	0.74432	2998.42
712	20	2.5	0.33341	2.5	1.5	13.5	52.5	2.25994	1.01644	0.69208	2998.42
713	20	2.5	0.33341	2.5	1.5	13.5	52.5	2.25994	1.01644	0.69208	2998.42
714	25	2.5	0.33341	10	5	22.5	20	2.50355	1.08009	0.607	2998.42
715	22.5	3.5	0.33341	0	0	10	57.5	1.45947	1.04683	0.57531	2998.43
716	22.5	2.5	0.10836	42.5	10	5	20	2.71799	1.08644	0.7458	2998.43
717	22.5	2.5	0.10836	42.5	10	5	20	2.71799	1.08644	0.7458	2998.43
718	20	2.5	1.08358	0	0	5	62.5	2.65677	1.06542	0.78508	2998.43
719	20	2.5	1.08358	0	0	5	62.5	2.65677	1.06542	0.78508	2998.43
720	20	2.5	1.08358	0	0	5	62.5	2.65677	1.06542	0.78508	2998.43
721	20	2.5	1.08358	0	0	5	62.5	2.65677	1.06542	0.78508	2998.43
722	20	2.5	1.08358	0	0	5	62.5	2.65677	1.06542	0.78508	2998.43
723	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.52187	1.05547	0.7106	2998.43
724	25	2.5	0.33341	15	5	22.5	27.5	2.52133	1.03389	0.69452	2998.44
725	35	16	0.10836	5	2.5	10	22.5	0.75391	1.1734	0.36865	2998.44
726	20	3.5	0.10836	1	0	1.5	47.5	2.93699	1.03136	0.78513	2998.44
727	50	22.5	0.09169	0	2.5	7.5	7.5	2.1015	1.00698	0.47974	2998.44
728	20	3.5	0.33341	5	7.5	30	27.5	2.07813	1.01786	0.47926	2998.45
729	25	2.5	0.33341	50	10	12.5	10	2.42173	1.03808	0.72248	2998.46
730	27.5	2.5	0.10836	17.5	2.5	10	7.5	3.65165	1.06181	0.84225	2998.46
731	27.5	2.5	0.10836	17.5	2.5	10	7.5	3.65165	1.06181	0.84225	2998.46
732	17.5	2	0.33341	5	2.5	14.5	30.5	2.36473	1.02765	0.56876	2998.47
733	15	2.5	0.33343	7.5	7.5	17.5	30	2.59424	1.03323	0.78913	2998.47
734	25	5	0.10836	40	10	10	10	2.21228	1.03703	0.653	2998.47
735	25	5	0.10836	40	10	10	10	2.21228	1.03703	0.653	2998.47
736	25	5	0.10836	40	10	10	10	2.21228	1.03703	0.653	2998.47
737	25.5	5	0.10836	0	0	5	22.5	2.02894	1.02584	0.63003	2998.47
738	25.5	5	0.10836	0	0	5	22.5	2.02894	1.02584	0.63003	2998.47
739	29	9.5	0.10836	0	2.5	5	42.5	1.35503	1.13639	0.40962	2998.48

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
740	29	9.5	0.10836	0	2.5	5	42.5	1.35503	1.13639	0.40962	2998.48
741	18	2	0.91688	37.5	2.5	15	30	4.30166	1.06588	0.98364	2998.48
742	18	2	0.91688	37.5	2.5	15	30	4.30166	1.06588	0.98364	2998.48
743	25	2.5	0.10836	2.5	5	32.5	17.5	2.7434	1.03957	0.58674	2998.48
744	25	5	0.10836	2.5	5	25	30	2.7434	1.03957	0.58674	2998.48
745	30	2.5	0.10836	35	10	27.5	5	1.1897	1.04939	0.49807	2998.48
746	30	2.5	0.10836	35	10	27.5	5	1.1897	1.04939	0.49807	2998.48
747	13	3.5	0.33341	5	1	2.5	46.5	2.17267	1.05271	0.62986	2998.49
748	22.5	5	0.10836	12.5	0	20	24	2.17267	1.05271	0.62986	2998.49
749	22.5	5	0.10836	12.5	0	20	24	2.17267	1.05271	0.62986	2998.49
750	22.5	5	0.10836	12.5	0	20	24	2.17267	1.05271	0.62986	2998.49
751	22.5	5	0.10836	12.5	0	20	24	2.17267	1.05271	0.62986	2998.49
752	22.5	5	0.10836	12.5	0	20	24	2.17267	1.05271	0.62986	2998.49
753	17.5	2.5	1.08358	10	2.5	12.5	45	3.23066	1.04377	0.80689	2998.49
754	20	2.5	0.33341	5	5	10	47.5	2.7161	1.02992	0.72668	2998.49
755	20	2.5	0.33341	5	5	10	47.5	2.7161	1.02992	0.72668	2998.49
756	22.5	3.5	0.33341	0	2.5	17.5	47.5	2.38153	1.01621	0.50202	2998.49
757	30	13	0.10836	2.5	5	10	27.5	0.75998	1.17008	0.40529	2998.5
758	20	1.5	0.33341	0	0	5	57.5	2.41204	1.01167	0.69751	2998.5
759	20	1.5	0.33341	0	0	5	57.5	2.41204	1.01167	0.69751	2998.5
760	20	1.5	0.33341	0	0	5	57.5	2.41204	1.01167	0.69751	2998.5
761	20	1.5	0.33341	0	0	5	57.5	2.41204	1.01167	0.69751	2998.5
762	20	1.5	0.33341	0	0	5	57.5	2.41204	1.01167	0.69751	2998.5
763	20	5	0.10836	5	5	20	32.5	2.72424	1.06214	0.81492	2998.5
764	17.5	2	0.10836	5	5	27.5	27.5	2.50065	1.02161	0.74918	2998.51
765	27.5	7.5	0.10836	0	2.5	17.5	20	1.21953	1.06799	0.48867	2998.51
766	17.5	2.5	0.33343	2.5	2.5	32.5	25	2.68263	1.03752	0.77668	2998.51
767	17.5	2.5	0.33343	2.5	2.5	32.5	25	2.68263	1.03752	0.77668	2998.51
768	17.5	2.5	0.33343	2.5	2.5	32.5	25	2.68263	1.03752	0.77668	2998.51
769	17.5	2.5	0.33343	2.5	2.5	32.5	25	2.68263	1.03752	0.77668	2998.51
770	22.5	3.5	0.33341	22.5	0	5	27.5	2.57315	1.01909	0.55032	2998.51
771	22.5	3.5	0.33341	22.5	0	5	27.5	2.57315	1.01909	0.55032	2998.51
772	22.5	3.5	0.33341	22.5	0	5	27.5	2.57315	1.01909	0.55032	2998.51
773	21	3.5	0.10836	0	0	5	67.5	2.81385	1.03513	0.71859	2998.51
774	21	3.5	0.10836	0	0	5	67.5	2.81385	1.03513	0.71859	2998.51
775	45	2.5	0.10836	2.5	2.5	10	12.5	2.73624	1.02427	0.71963	2998.51
776	55	2.5	0.10836	30	5	10	5	3.10548	1.07305	0.8658	2998.52
777	22.5	7.5	0.33341	40	5	7.5	25	2.32756	1.03736	0.68923	2998.52
778	29	12	0.10836	0	2.5	21	26.5	0.73913	1.09685	0.3474	2998.52

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
779	29	12	0.10836	0	2.5	21	26.5	0.73913	1.09685	0.3474	2998.52
780	29	12	0.10836	0	2.5	21	26.5	0.73913	1.09685	0.3474	2998.52
781	29	12	0.10836	0	2.5	21	26.5	0.73913	1.09685	0.3474	2998.52
782	27.5	10	0.27508	2.5	0	12.5	25	0.73913	1.09685	0.3474	2998.52
783	22.5	3.5	0.33341	22.5	0	5	25	2.42377	1.01046	0.55567	2998.52
784	25	2.5	0.33341	20	5	12.5	32.5	3.22449	1.06001	0.8765	2998.52
785	25	2.5	0.10836	0	0	27.5	30	2.71654	1.00481	0.5543	2998.52
786	20	5	0.33341	2.5	0	12.5	54	2.39855	1.04108	0.71279	2998.52
787	19	3	0.27506	10	3.5	26.5	27.5	3.36265	1.0586	0.91735	2998.52
788	20	2.5	0.33341	27.5	7.5	17.5	22.5	2.4521	1.05829	0.71934	2998.52
789	17.5	2	0.33341	5	7.5	22.5	27.5	2.22447	1.02851	0.65996	2998.52
790	27.5	3.5	0.27506	5	2.5	20	27.5	2.22447	1.02851	0.65996	2998.52
791	25	2.5	0.33341	0	2.5	20	35	3.09036	1.04644	0.7686	2998.53
792	7	0	1.08354	0	0	37.5	37.5	3.90434	1.14863	0.92961	2998.53
793	30	13	0.10836	5	5	25	27.5	1.76153	1.01056	0.57431	2998.53
794	22.5	3.5	0.33341	10	0	10	40	2.86183	1.04091	0.6048	2998.53
795	22.5	3.5	0.33341	10	0	10	40	2.86183	1.04091	0.6048	2998.53
796	20.5	4	0.85853	15	10	15	30	3.23592	1.05505	0.89995	2998.53
797	22.5	5.5	0.33341	32.5	7.5	22.5	17.5	2.45851	1.04257	0.74399	2998.54
798	20	2.5	0.1063	25	2.5	15	17.5	3.19997	1.03284	0.88549	2998.54
799	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
800	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
801	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
802	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
803	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
804	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
805	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
806	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
807	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
808	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
809	22.5	5	0.10836	12.5	0	20	24	2.16329	1.05124	0.62499	2998.55
810	20	2.5	0.33343	0	10	17.5	30	2.33819	1.04582	0.71549	2998.55
811	18.5	3.5	0.33341	10	6	21.5	30	3.27239	1.08242	0.78464	2998.55
812	20	2.5	0.27506	5	5	7.5	30	2.8051	1.04708	0.83197	2998.55
813	18	2	0.10836	22.5	2.5	15	27.5	2.95208	1.00831	0.85073	2998.55
814	20	2.5	0.33343	5	7.5	22.5	25	2.51462	1.03676	0.75301	2998.56
815	20	2.5	0.33343	5	7.5	22.5	25	2.51462	1.03676	0.75301	2998.56
816	30	10	0.10836	3	3.5	6.5	24.5	0.81606	1.14001	0.42815	2998.56
817	27.5	10	0.10836	25	0	7.5	20	1.45994	1.06732	0.5371	2998.56

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
818	20	3	0.33341	2.5	2.5	17.5	56	3.16568	1.04991	0.86251	2998.56
819	20	5	0.10836	2.5	20	12.5	32.5	3.06351	1.0424	0.63683	2998.57
820	20	3.5	0.33341	2.5	0	10	34.5	2.61217	1.00976	0.57884	2998.57
821	20	3.5	0.33341	2.5	0	10	34.5	2.61217	1.00976	0.57884	2998.57
822	20	3.5	0.10836	10	3.5	14	30	2.59972	1.02948	0.72026	2998.57
823	20.5	4.5	0.33341	2.5	7.5	22.5	27.5	2.55671	1.00904	0.5926	2998.58
824	20	5	0.33343	1	1	25.5	35	2.85084	1.02185	0.60881	2998.59
825	55	2.5	0.10836	42.5	12.5	15	5	3.65983	1.04789	1.07448	2998.59
826	20	2.5	0.10836	2.5	0	25	32.5	2.37482	1.03272	0.68369	2998.59
827	20	2.5	0.10836	2.5	0	25	32.5	2.37482	1.03272	0.68369	2998.59
828	20	2.5	0.10836	2.5	0	25	32.5	2.37482	1.03272	0.68369	2998.59
829	22.5	2.5	0.33341	12.5	10	22.5	27.5	2.31436	1.03459	0.70512	2998.59
830	22.5	2.5	0.33341	12.5	10	22.5	27.5	2.31436	1.03459	0.70512	2998.59
831	22.5	2.5	0.33341	12.5	10	22.5	27.5	2.31436	1.03459	0.70512	2998.59
832	22.5	2.5	1.08358	32.5	5	30	12.5	3.59739	1.04308	0.89345	2998.6
833	25	2.5	0.10836	0	2.5	22.5	32.5	2.90466	1.056	0.70504	2998.6
834	25	2.5	0.10836	0	2.5	22.5	32.5	2.90466	1.056	0.70504	2998.6
835	25	2.5	0.10836	0	2.5	22.5	32.5	2.90466	1.056	0.70504	2998.6
836	22.5	5	0.33341	2.5	5	12.5	30	2.84803	1.01587	0.72243	2998.6
837	17.5	2	0.10836	2.5	2.5	22.5	40	1.50326	1.07581	0.53767	2998.6
838	25	5	0.33341	60	7.5	10	12.5	2.85599	1.02682	0.60157	2998.6
839	25	2.5	0.10836	0	2.5	25	30	2.52667	1.1426	0.62243	2998.6
840	15	2.5	1.08358	32.5	12.5	5	30	2.67983	1.02157	0.71774	2998.61
841	35	15	0.03334	2.5	0	17.5	37.5	1.63241	1.04094	0.43813	2998.61
842	35	15	0.03334	2.5	0	17.5	37.5	1.63241	1.04094	0.43813	2998.61
843	35	15	0.03334	2.5	0	17.5	37.5	1.63241	1.04094	0.43813	2998.61
844	25	7.5	0.33341	0	17.5	15	32.5	2.35064	1.03492	0.71007	2998.61
845	22.5	2.5	0.33341	27.5	7.5	20	20	2.00868	1.06892	0.57072	2998.61
846	20	5	0.33341	0	0	35	30	2.75477	1.06057	0.82931	2998.61
847	22.5	5	0.10836	20	7.5	10	12.5	3.16229	1.04376	0.91417	2998.61
848	22.5	5	0.10836	20	7.5	10	12.5	3.16229	1.04376	0.91417	2998.61
849	22.5	5	0.10836	20	7.5	10	12.5	3.16229	1.04376	0.91417	2998.61
850	30	5	0.10836	30	5	10	12.5	4.00258	1.02848	0.90965	2998.61
851	27.5	10	0.91688	2.5	0	40	30	2.81098	1.02942	0.85226	2998.61
852	27.5	10	0.91688	2.5	0	40	30	2.81098	1.02942	0.85226	2998.61
853	45	24.5	0.10836	1	1	4	30	0.68375	1.13044	0.3467	2998.62
854	20	3.5	0.10836	2.5	0	12	19.5	2.27309	1.00646	0.71847	2998.62
855	25	2.5	0.33341	32.5	5	12.5	20	1.12135	1.07265	0.36676	2998.62
856	20	3	0.10836	2.5	5	25	30	2.97158	1.0452	0.89226	2998.62

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
857	20	2.5	0.33343	2.5	2.5	20	25	2.97158	1.0452	0.89226	2998.62
858	25	3.5	1.08358	15	12.5	12.5	20.5	2.99248	1.03347	0.73072	2998.62
859	17.5	2	1.08358	2.5	15	20	40	3.00637	1.07854	0.86673	2998.62
860	31	4	0.10836	22.5	7.5	7.5	15	4.57377	1.13997	1.09673	2998.62
861	31	4	0.10836	22.5	7.5	7.5	15	4.57377	1.13997	1.09673	2998.62
862	27.5	12.5	0.03334	2.5	10	22.5	20	1.71827	1.05958	0.49635	2998.63
863	20	2.5	0.33341	22.5	15	15	12.5	2.66039	1.04497	0.82846	2998.64
864	27.5	5	0.10836	5	0	15	17.5	2.37818	1.02424	0.73034	2998.64
865	27.5	5	0.10836	5	0	15	17.5	2.37818	1.02424	0.73034	2998.64
866	27.5	5	0.10836	5	0	15	17.5	2.37818	1.02424	0.73034	2998.64
867	22.5	5	0.33341	5	7.5	15	27.5	2.7871	1.01282	0.62346	2998.64
868	22.5	5	0.33341	5	7.5	15	27.5	2.7871	1.01282	0.62346	2998.64
869	35	15	0.10831	0	2.5	12.5	20	1.00993	1.07567	0.40289	2998.64
870	25	10	0.10831	7.5	6	14	30	3.0427	1.02258	0.62495	2998.64
871	19	3	0.10836	22.5	2.5	12.5	15	3.24507	1.06353	0.94151	2998.65
872	15	0	0.28346	0	40	20	20	3.3456	1.06656	1.11906	2998.65
873	20	2.5	0.10836	2.5	0	5	32.5	1.60373	1.08463	0.56962	2998.65
874	40.5	9	0.33341	4	3	15.5	18	1.52267	1.08375	0.53205	2998.65
875	27.5	2.5	0.10836	10	7.5	7.5	20	2.40421	1.02007	0.76191	2998.65
876	27.5	2.5	0.10836	10	7.5	7.5	20	2.40421	1.02007	0.76191	2998.65
877	18.5	1.5	0.33341	0	0	16	59	2.74999	1.02509	0.80353	2998.65
878	18.5	1.5	0.33341	0	0	16	59	2.74999	1.02509	0.80353	2998.65
879	30	10	0.10836	40	5	12.5	12.5	0.64158	1.20218	0.41194	2998.66
880	30	10	0.10836	40	5	12.5	12.5	0.64158	1.20218	0.41194	2998.66
881	30	10	0.10836	40	5	12.5	12.5	0.64158	1.20218	0.41194	2998.66
882	30	10	0.10836	40	5	12.5	12.5	0.64158	1.20218	0.41194	2998.66
883	22.5	5	0.33341	10	7.5	17.5	27.5	2.29958	1.05577	0.64785	2998.66
884	20	3.5	0.33341	10	17.5	10	15	1.34274	1.04891	0.51476	2998.66
885	22.5	2	0.10836	5	0	17.5	37	3.03091	1.05879	0.87713	2998.67
886	22.5	2	0.10836	5	0	17.5	37	3.03091	1.05879	0.87713	2998.67
887	22.5	3.5	0.33341	10	0	10	40	2.86089	0.99467	0.65425	2998.67
888	40	20	0.03334	0	5	5	10	2.7457	1.00978	0.55858	2998.68
889	25	5	0.33341	7.5	7.5	27.5	20	3.15369	1.0266	0.5986	2998.69
890	20	2.5	0.33071	32.5	5	7.5	22.5	2.70573	1.03189	0.80857	2998.69
891	25	2.5	0.33341	5	2.5	32.5	27.5	2.00903	1.04367	0.59339	2998.69
892	43	3.5	0.33341	15	7.5	5	31.5	1.92387	1.0731	0.51694	2998.69
893	43	3.5	0.33341	15	7.5	5	31.5	1.92387	1.0731	0.51694	2998.69
894	17.5	2	0.33341	5	7.5	7.5	47.5	2.91311	1.04754	0.89807	2998.69
895	27.5	12.5	0.10831	7.5	6	14	30	2.44565	0.9993	0.52865	2998.7

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
896	35	12.5	0.10836	10	0	20	10	1.17956	1.08311	0.4523	2998.7
897	35	12.5	0.10836	10	0	20	10	1.17956	1.08311	0.4523	2998.7
898	35	12.5	0.10836	10	0	20	10	1.17956	1.08311	0.4523	2998.7
899	35	12.5	0.10836	10	0	20	10	1.17956	1.08311	0.4523	2998.7
900	40	20	0.01084	0	0	2.5	5	2.63293	0.98952	0.44402	2998.7
901	40	20	0.01084	0	0	2.5	5	2.63293	0.98952	0.44402	2998.7
902	40	20	0.01084	0	0	2.5	5	2.63293	0.98952	0.44402	2998.7
903	17.5	2.5	0.33343	0	7.5	17.5	25	2.58465	0.98139	0.60721	2998.7
904	22.5	3.5	0.33341	0	2.5	7.5	60	2.78553	0.99671	0.52945	2998.7
905	22.5	3.5	0.33341	0	2.5	7.5	60	2.78553	0.99671	0.52945	2998.7
906	32.5	7.5	0.10836	2.5	0	0	10	3.22936	1.01966	0.79447	2998.7
907	25.5	4	0.33341	4	4.5	18	23.5	2.57463	1.03898	0.67823	2998.7
908	27.5	5	0.10836	0	0	22.5	32.5	1.42968	1.08077	0.50532	2998.7
909	20	2.5	0.10836	0	0	22.5	30	1.42968	1.08077	0.50532	2998.7
910	47.5	25	0.01084	12.5	0	0	5	0.53589	1.15922	0.37879	2998.71
911	22.5	7.5	0.33341	2	3	6	44	2.18339	1.03926	0.64582	2998.71
912	27.5	10	0.03543	0	0	10	35	1.02444	1.12459	0.40305	2998.71
913	22.5	2.5	0.33341	30	7.5	20	20	3.13416	1.00981	0.73502	2998.71
914	41.5	16	0.03334	0	2.5	7.5	10	2.70118	1.012	0.46098	2998.72
915	31	16.5	0.10836	0	1	21.5	37.5	1.45162	1.09169	0.4812	2998.72
916	31	16.5	0.10836	0	1	21.5	37.5	1.45162	1.09169	0.4812	2998.72
917	31	16.5	0.10836	0	1	21.5	37.5	1.45162	1.09169	0.4812	2998.72
918	22.5	2.5	0.33341	2.5	2.5	25	30	2.30354	1.00083	0.7449	2998.72
919	40	20	0.01084	0	0	2.5	5	0.71839	1.15284	0.36399	2998.72
920	30	12.5	0.1063	10	2.5	7.5	25	0.62932	1.12703	0.42845	2998.73
921	30	12.5	0.10836	10	2.5	7.5	25	0.62932	1.12703	0.42845	2998.73
922	29	9	0.10836	5	8.5	14	32.5	1.07755	1.22677	0.42392	2998.73
923	29	9	0.10836	5	8.5	14	32.5	1.07755	1.22677	0.42392	2998.73
924	22.5	6	0.27506	10	2.5	17.5	20	2.91317	1.02529	0.7643	2998.73
925	20	6.5	0.27506	5	5	25	25	2.91317	1.02529	0.7643	2998.73
926	22	6	0.33341	1	0	24	29.5	2.13988	0.99628	0.64409	2998.73
927	22	6	0.33341	1	0	24	29.5	2.13988	0.99628	0.64409	2998.73
928	22	6	0.33341	1	0	24	29.5	2.13988	0.99628	0.64409	2998.73
929	22	6	0.33341	1	0	24	29.5	2.13988	0.99628	0.64409	2998.73
930	22	6	0.33341	1	0	24	29.5	2.13988	0.99628	0.64409	2998.73
931	22	6	0.33341	1	0	24	29.5	2.13988	0.99628	0.64409	2998.73
932	17.5	2.5	0.33341	5	2.5	10	17.5	3.18525	1.01257	0.82392	2998.74
933	25	2.5	0.33341	17.5	7.5	25	20	4.09021	1.10133	0.71231	2998.74
934	0	0	1.08661	52.5	5	17.5	15	4.23087	0.99692	1.13026	2998.74

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
935	20	4.5	0.33341	5	7.5	20	30	2.30789	1.05684	0.63875	2998.74
936	17.5	4.5	0.33341	0	7.5	20	37.5	3.19758	0.9884	0.58979	2998.74
937	40	25	0.02751	2.5	0	0	12.5	3.17461	1.00738	0.55934	2998.74
938	20	2	0.33341	0	0	15	66.5	3.2978	1.02617	0.8452	2998.75
939	30	10	0.10836	27.5	5	7.5	10	3.34042	1.02827	0.48726	2998.75
940	17.5	2	1.08358	5	0	32.5	40	3.54457	1.0682	1.1888	2998.75
941	17.5	2	1.08358	5	0	32.5	40	3.54457	1.0682	1.1888	2998.75
942	17.5	2	1.08358	5	0	32.5	40	3.54457	1.0682	1.1888	2998.75
943	17.5	2	1.08358	5	0	32.5	40	3.54457	1.0682	1.1888	2998.75
944	42.5	15	0.10836	2.5	2.5	10	12.5	3.15556	1.01387	0.62857	2998.75
945	25	2.5	0.33343	0	2.5	17.5	35	2.97536	0.99973	0.5687	2998.75
946	22	5.5	0.27506	12.5	2.5	17.5	20	2.96877	1.01437	0.76024	2998.75
947	27.5	9.5	0.10836	2.5	2.5	20	25	2.00069	1.07091	0.56757	2998.75
948	15	2.5	0.33343	2.5	0	35	30	3.02525	1.0005	0.67197	2998.75
949	30.5	12.5	0.10836	0	0	20	40	1.46374	1.1201	0.42097	2998.76
950	30.5	12.5	0.10836	0	0	20	40	1.46374	1.1201	0.42097	2998.76
951	30.5	12.5	0.10836	0	0	20	40	1.46374	1.1201	0.42097	2998.76
952	30.5	12.5	0.10836	0	0	20	40	1.46374	1.1201	0.42097	2998.76
953	30.5	12.5	0.10836	0	0	20	40	1.46374	1.1201	0.42097	2998.76
954	55	20	0.03334	5	0	2.5	2.5	2.12785	0.98929	0.42346	2998.76
955	23	3	0.27506	45	15	2.5	12.5	1.96257	1.05647	0.56159	2998.76
956	12.5	5	0.10831	10	3.5	16.5	37.5	2.99221	1.01873	0.73975	2998.76
957	35	13.5	0.10836	2.5	5	7.5	25	0.93906	1.14717	0.42937	2998.76
958	40	2.5	0.10836	0	2.5	2.5	10	3.46348	1.03405	0.8535	2998.77
959	22.5	5	0.33341	22.5	2.5	15	20	2.97958	0.99499	0.62765	2998.78
960	20	2.5	0.33341	37.5	10	10	17.5	2.02381	1.16375	0.56144	2998.78
961	22.5	2.5	0.33341	30	7.5	12.5	22.5	2.08026	1.04442	0.60948	2998.78
962	22.5	2.5	0.33341	30	7.5	12.5	22.5	2.08026	1.04442	0.60948	2998.78
963	18	2	0.27506	10	2.5	20	32.5	3.15502	1.01075	0.82717	2998.79
964	22.5	5	0.33341	17.5	2.5	20	17.5	3.0749	1.00818	0.6171	2998.79
965	7.5	0	1.08354	55	5	15	17.5	3.10024	1.05308	0.95375	2998.79
966	7.5	2.5	1.08358	27.5	5	25	27.5	3.72221	1.06507	1.10987	2998.79
967	20	5	0.03334	12.5	20	12.5	15	2.55284	1.05477	0.65952	2998.79
968	20	2.5	0.10836	32.5	5	20	15	2.91812	1.03549	0.9293	2998.79
969	37.5	18	0.10836	2.5	0	15	50	1.49326	1.07549	0.5184	2998.8
970	35	15	0.33341	52.5	12.5	10	10	1.93187	1.03923	0.5112	2998.81
971	27.5	9.5	0.10836	5	0	6	38.5	0.98113	1.09905	0.43941	2998.81
972	25	7.5	0.33341	0	7.5	5	47.5	2.2337	1.05026	0.6404	2998.81
973	20	2.5	0.33341	1	1	13	63.5	2.82997	1.01404	0.8033	2998.82

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
974	20	2	1.08358	0	2.5	12.5	65	2.82997	1.01404	0.8033	2998.82
975	22.5	2.5	1.08358	2.5	2.5	32.5	40	3.35724	1.07998	1.02032	2998.82
976	17.5	0	1.08358	0	5	32.5	35	3.35724	1.07998	1.02032	2998.82
977	45.5	10	0.09169	1	1.5	0	5	3.26731	1.00213	0.6698	2998.83
978	20	5	0.33341	0	2.5	22.5	40	3.4056	1.05141	0.90849	2998.83
979	20	5	0.33341	0	2.5	22.5	40	3.4056	1.05141	0.90849	2998.83
980	20	5	0.33341	0	2.5	22.5	40	3.4056	1.05141	0.90849	2998.83
981	17.5	1.5	1.08358	2.5	0	7.5	61.5	3.39521	1.01861	0.83619	2998.83
982	17.5	1.5	1.08358	2.5	0	7.5	61.5	3.39521	1.01861	0.83619	2998.83
983	20	7.5	0.33341	10	2.5	20	35	2.26286	1.02327	0.69636	2998.83
984	22.5	2.5	0.10836	10	2.5	30	22.5	2.26286	1.02327	0.69636	2998.83
985	30	9.5	0.10836	60	2.5	2.5	9	1.3449	1.068	0.46328	2998.83
986	30	9.5	0.10836	60	2.5	2.5	9	1.3449	1.068	0.46328	2998.83
987	27.5	7.5	0.33341	52.5	5	12.5	10	1.46855	1.06008	0.53295	2998.83
988	30	17.5	0.10836	2.5	2.5	22.5	22.5	1.46855	1.06008	0.53295	2998.83
989	20	2.5	0.33341	5	7.5	25	20	3.48379	1.05896	0.95076	2998.84
990	27.5	10.5	0.33341	5	2.5	10	34.5	1.4531	1.05073	0.52667	2998.84
991	27.5	10.5	0.33341	5	2.5	10	34.5	1.4531	1.05073	0.52667	2998.84
992	25	7.5	0.33341	0	0	17.5	42.5	2.12101	1.02994	0.63571	2998.84
993	37.5	17.5	0.03334	5	0	10	17.5	3.92351	1.08098	0.55315	2998.84
994	37.5	17.5	0.03334	5	0	10	17.5	3.92351	1.08098	0.55315	2998.84
995	37.5	17.5	0.03334	5	0	10	17.5	3.92351	1.08098	0.55315	2998.84
996	25	2.5	0.33341	0	2.5	22.5	32.5	2.61464	1.06483	0.63887	2998.84
997	20	2.5	0.33341	10	5	25	22.5	1.50946	1.06994	0.51737	2998.85
998	27.5	7.5	0.33341	0	0	30	27.5	1.99051	1.02216	0.59801	2998.85
999	25	2.5	0.27506	0	0	35	30	1.99051	1.02216	0.59801	2998.85
1000	25	2.5	0.27506	0	0	35	30	1.99051	1.02216	0.59801	2998.85
1001	25	2.5	0.27506	0	0	35	30	1.99051	1.02216	0.59801	2998.85
1002	35	12.5	0.09169	37.5	5	7.5	17.5	0.56859	1.13137	0.38317	2998.85
1003	20	3.5	0.33341	0	0	7.5	60	3.58211	0.99757	0.89836	2998.85
1004	20	3.5	0.33341	0	0	7.5	60	3.58211	0.99757	0.89836	2998.85
1005	25	7.5	0.10836	30	10	5	12.5	4.07998	1.04062	0.71106	2998.85
1006	25	7.5	0.10836	30	10	5	12.5	4.07998	1.04062	0.71106	2998.85
1007	25	7.5	0.10836	30	10	5	12.5	4.07998	1.04062	0.71106	2998.85
1008	20.5	3.5	0.33341	1	0	4	57.5	3.63165	1.04034	0.88738	2998.85
1009	25	6.5	0.03334	2.5	0	20	15	1.56136	1.07539	0.52387	2998.86
1010	25	6.5	0.03334	2.5	0	20	15	1.56136	1.07539	0.52387	2998.86
1011	25	6.5	0.03334	2.5	0	20	15	1.56136	1.07539	0.52387	2998.86
1012	25	6.5	0.03334	2.5	0	20	15	1.56136	1.07539	0.52387	2998.86

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1013	25	6.5	0.03334	2.5	0	20	15	1.56136	1.07539	0.52387	2998.86
1014	35	2.5	0.10836	27.5	5	5	10	3.93543	1.07496	0.97031	2998.86
1015	50	2.5	0.1063	7.5	2.5	5	7.5	4.38451	1.06561	1.28221	2998.86
1016	20	2.5	0.33341	0	2.5	7.5	35	2.92431	1.05066	1.10724	2998.86
1017	20	2.5	0.33341	0	2.5	7.5	35	2.92431	1.05066	1.10724	2998.86
1018	35	15	0.03334	25	5	17.5	15	0.99493	1.08626	0.3562	2998.87
1019	25	2.5	0.33071	35	5	15	17.5	4.1078	1.00127	0.92414	2998.87
1020	25	2.5	0.33071	35	5	15	17.5	4.1078	1.00127	0.92414	2998.87
1021	25	2.5	0.10836	40	10	5	10	3.74673	1.02981	0.70513	2998.87
1022	25	2.5	0.10836	40	10	5	10	3.74673	1.02981	0.70513	2998.87
1023	20	3.5	0.33341	1	1.5	17.5	40.5	2.95747	0.97214	0.58642	2998.88
1024	22.5	2.5	0.33341	7.5	12.5	25	20	2.76563	1.01179	0.89278	2998.88
1025	25	5	0.33341	7.5	7.5	27.5	20	3.27958	1.02286	0.64496	2998.88
1026	17.5	4	0.33341	32.5	12.5	5	15	2.45728	1.02025	0.65525	2998.89
1027	17.5	4	0.33341	32.5	12.5	5	15	2.45728	1.02025	0.65525	2998.89
1028	22.5	2	1.08358	0	2.5	21	51.5	3.11697	1.02226	0.68947	2998.89
1029	22.5	2.5	0.33341	10	2.5	10	32.5	1.5984	1.08111	0.52163	2998.9
1030	17.5	2.5	0.33341	2.5	0	32.5	30	3.51563	1.00499	0.63248	2998.9
1031	35	5	0.10836	22.5	5	7.5	15	4.58668	1.07465	1.16761	2998.9
1032	35	5	0.10836	22.5	5	7.5	15	4.58668	1.07465	1.16761	2998.9
1033	17.5	0	1.08358	0	2.5	22.5	45	3.51242	1.03553	1.01257	2998.9
1034	22.5	9	0.27506	10	7.5	5	15	2.7105	1.01712	0.69584	2998.91
1035	17.5	2	0.33341	1	1	6.5	66.5	3.26808	1.02163	0.99764	2998.91
1036	17.5	2	0.33341	1	1	6.5	66.5	3.26808	1.02163	0.99764	2998.91
1037	20	0	0.33071	0	0	22.5	30	2.35982	1.00914	0.66517	2998.91
1038	28.5	12.5	0.03334	1	1.5	7.5	43.5	1.80375	1.04159	0.5092	2998.91
1039	25	5	0.33341	2.5	0	20	35	1.62875	1.10837	0.52142	2998.91
1040	35	19	0.09169	5	5	20	22.5	0.93766	1.1116	0.44026	2998.91
1041	35	19	0.09169	5	5	20	22.5	0.93766	1.1116	0.44026	2998.91
1042	27.5	7.5	0.1063	25	20	7.5	15	1.02665	1.10398	0.44175	2998.92
1043	23	7.5	0.10836	1	6.5	20	37.5	3.30977	0.98969	0.65262	2998.92
1044	25	0	0.33341	10	20	25	25	3.32615	1.00801	0.94178	2998.92
1045	25	0	0.33341	10	20	25	25	3.32615	1.00801	0.94178	2998.92
1046	45	20	0.01084	22.5	5	12.5	17.5	2.76403	0.96725	0.43888	2998.92
1047	25	2.5	0.33341	10	5	22.5	20	2.69616	1.10136	0.63746	2998.92
1048	25	2.5	0.33341	10	5	22.5	20	2.69616	1.10136	0.63746	2998.92
1049	25	2.5	0.33341	10	5	22.5	20	2.69616	1.10136	0.63746	2998.92
1050	17.5	0	0.27508	47.5	5	12.5	12.5	2.70315	1.04728	1.09769	2998.92
1051	22.5	4	0.33341	5	2.5	18.5	29	1.85512	1.17261	0.51501	2998.92

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1052	22.5	4	0.33341	5	2.5	18.5	29	1.85512	1.17261	0.51501	2998.92
1053	40	10	0.10836	2.5	2.5	0	15	3.58094	1.01498	0.85103	2998.93
1054	30	10	0.10836	0	5	0	57.5	3.48913	1.02058	0.84567	2998.93
1055	25	2.5	0.33341	5	2.5	15	40	1.66501	1.07529	0.47413	2998.93
1056	25	2.5	0.33341	55	5	7.5	7.5	2.50244	1.14644	0.59277	2998.94
1057	22.5	3.5	0.33341	2.5	0	12.5	27.5	2.50244	1.14644	0.59277	2998.94
1058	35	10	0.10836	0	2.5	0	17.5	3.25147	0.97408	0.72163	2998.94
1059	15	5	1.08661	7.5	30	20	22.5	3.21753	1.04708	1.02297	2998.94
1060	35	11.5	0.25839	2.5	12.5	15	17.5	2.78868	0.95595	0.52776	2998.94
1061	20	3.5	0.33341	1	1.5	17.5	40.5	2.98985	0.97199	0.55727	2998.95
1062	25	7.5	0.1063	2.5	0	5	17.5	4.31334	1.09798	1.19514	2998.95
1063	30	10	0.03331	7.5	0	7.5	30	1.3599	1.06781	0.38462	2998.95
1064	30	10	0.03331	7.5	0	7.5	30	1.3599	1.06781	0.38462	2998.95
1065	22.5	5	0.10836	5	0	2.5	45	2.14945	1.07185	0.57474	2998.95
1066	20.5	4	0.33341	0	2.5	17.5	42.5	3.00982	1.0427	0.73627	2998.96
1067	20.5	4	0.33341	0	2.5	17.5	42.5	3.00982	1.0427	0.73627	2998.96
1068	30	2.5	0.03334	0	0	10	32.5	3.3197	1.00349	0.9373	2998.96
1069	25	2.5	0.10836	0	2.5	27.5	27.5	2.13089	1.02724	0.62871	2998.96
1070	42.5	17.5	0.03334	0	0	12.5	2.5	3.32097	1.01463	0.43353	2998.97
1071	30	7.5	0.10836	0	0	2.5	15	4.18345	1.06615	0.74248	2998.97
1072	22.5	2.5	0.33341	0	0	15	42.5	1.87311	1.04577	0.55012	2998.97
1073	30	2.5	0.33341	20	15	12.5	15	4.44948	1.06673	0.96333	2998.97
1074	27.5	5	0.10836	55	5	7.5	7.5	1.65399	1.09485	0.52969	2998.97
1075	22.5	6	0.27506	12.5	2.5	17.5	20	2.55463	1.01962	0.63776	2998.98
1076	30	9.5	0.10836	60	2.5	2.5	9	1.19557	1.12159	0.4112	2998.98
1077	30	9.5	0.10836	60	2.5	2.5	9	1.19557	1.12159	0.4112	2998.98
1078	30	13.5	0.10836	0	1	1.5	13.5	1.68975	1.10397	0.52384	2998.99
1079	30	13.5	0.10836	0	1	1.5	13.5	1.68975	1.10397	0.52384	2998.99
1080	19.5	2	1.08358	0	2.5	0	80	3.28743	1.02426	0.93608	2998.99
1081	19.5	2	1.08358	0	2.5	0	80	3.28743	1.02426	0.93608	2998.99
1082	19.5	2	1.08358	0	2.5	0	80	3.28743	1.02426	0.93608	2998.99
1083	55	2.5	0.10836	67.5	5	2.5	5	3.57631	1.03273	1.09469	2998.99
1084	20	2	0.10836	32.5	5	10	12.5	3.18212	1.035	1.02836	2998.99
1085	37.5	17.5	0.03334	0	0	5	20	3.34769	1.00442	0.51804	2998.99
1086	25	2.5	0.10836	5	2.5	17.5	35	1.62551	1.06284	0.55198	2998.99
1087	22.5	4	0.10836	25	5	10	22.5	1.38735	1.05507	0.42771	2998.99
1088	25	5	0.03334	25	20	12.5	20	2.31318	1.12015	0.57274	2999
1089	22.5	2.5	0.03189	0	0	2.5	17.5	3.6973	1.0147	1.15725	2999
1090	22.5	2.5	0.03189	0	0	2.5	17.5	3.6973	1.0147	1.15725	2999

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1091	22.5	2.5	0.33341	20	10	27.5	20	3.60171	1.02226	0.96994	2999
1092	25	2.5	0.33341	2.5	0	22.5	32.5	3.14544	1.02924	0.81827	2999
1093	25	2.5	0.33341	0	2.5	25	30	2.14458	1.01106	0.45583	2999.01
1094	32	15	0.10836	5	0	0	50	1.18381	1.03017	0.41345	2999.01
1095	20	3	0.33341	2.5	2.5	20	40	3.33208	1.00247	0.81188	2999.01
1096	20	3	0.33341	2.5	2.5	20	40	3.33208	1.00247	0.81188	2999.01
1097	7.5	0	1.08354	12.5	25	27.5	15	3.85037	1.02362	1.11742	2999.01
1098	7.5	0	1.08354	12.5	25	27.5	15	3.85037	1.02362	1.11742	2999.01
1099	23	3	0.27506	45	15	2.5	12.5	2.09544	1.03142	0.60952	2999.01
1100	23	3	0.27506	45	15	2.5	12.5	2.09544	1.03142	0.60952	2999.01
1101	25	7.5	0.33341	42.5	5	17.5	17.5	1.83389	1.15046	0.49777	2999.02
1102	30	10	0.10836	40	2.5	12.5	7.5	3.67471	0.98478	0.72001	2999.02
1103	30	10	0.10836	40	2.5	12.5	7.5	3.67471	0.98478	0.72001	2999.02
1104	37.5	17.5	0.03334	0	0	2.5	7.5	3.65438	1.05968	0.44603	2999.02
1105	42.5	17.5	0.10836	0	0	2.5	5	3.65438	1.05968	0.44603	2999.02
1106	42.5	18	0.10836	0	0	2.5	5	3.65438	1.05968	0.44603	2999.02
1107	42.5	17.5	0.10836	0	0	2.5	5	3.65438	1.05968	0.44603	2999.02
1108	42.5	17.5	0.10836	0	0	2.5	5	3.65438	1.05968	0.44603	2999.02
1109	42.5	17.5	0.10836	0	0	2.5	5	3.65438	1.05968	0.44603	2999.02
1110	30	10	0.10836	22.5	7.5	12.5	20	0.73106	1.11972	0.41887	2999.02
1111	20	3.5	0.33341	0	0	5	77.5	3.72762	0.99596	0.85423	2999.03
1112	20	3.5	0.33341	0	0	5	77.5	3.72762	0.99596	0.85423	2999.03
1113	22.5	7.5	0.10836	45	12.5	12.5	12.5	5.54633	1.06991	0.9868	2999.03
1114	30	15.5	0.10836	2.5	0	16	35	1.19322	1.0888	0.46989	2999.03
1115	30	15.5	0.10836	2.5	0	16	35	1.19322	1.0888	0.46989	2999.03
1116	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1117	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1118	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1119	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1120	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1121	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1122	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1123	32.5	8.5	0.10836	2	0.5	17.5	27	0.82352	1.08766	0.36458	2999.03
1124	35	15	0.10836	5	2.5	20	30	0.78216	1.10875	0.36242	2999.04
1125	35	10	0.10836	10	5	7.5	5	3.89487	1.10296	0.69093	2999.04
1126	42.5	18.5	0.03334	0	0	2.5	5	3.18955	1.04446	0.63811	2999.04
1127	22.5	7	0.10836	2.5	7.5	25	15	2.67722	1.0374	0.65501	2999.04
1128	32.5	7.5	0.10836	25	10	10	5	3.60923	1.08173	0.7155	2999.04
1129	27.5	7.5	0.10836	5	0	2.5	0	4.92984	1.07786	0.89466	2999.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1130	12.5	2.5	0.10836	20	2.5	17.5	15	2.74571	1.04135	0.66799	2999.04
1131	30	7.5	0.10836	10	2.5	2.5	15	5.80552	1.08601	1.00896	2999.05
1132	27.5	6	0.33341	27.5	7.5	10	15	1.42162	1.18695	0.45882	2999.05
1133	30	7.5	0.10836	17.5	5	17.5	17.5	4.61395	1.08153	0.6641	2999.05
1134	35	10.5	0.10836	0	0	2.5	10	3.96084	1.07202	0.47477	2999.05
1135	32.5	14	0.10836	2.5	0	7.5	27.5	0.86656	1.0836	0.37469	2999.06
1136	22.5	3.5	0.10836	0	0	22.5	30	1.45594	1.0246	0.5114	2999.06
1137	22.5	7	0.10836	2.5	2.5	30	5	3.31235	1.03186	0.59902	2999.06
1138	30	12.5	0.10836	20	0	20	15	1.05576	1.15346	0.43839	2999.06
1139	27.5	7.5	0.03334	0	0	7.5	17.5	5.5101	1.0645	0.93666	2999.06
1140	20	3.5	0.33341	7.5	0	20	32	2.27179	1.02669	0.65935	2999.06
1141	20	3.5	0.33341	7.5	0	20	32	2.27179	1.02669	0.65935	2999.06
1142	21	3.5	0.10836	0	7.5	17.5	22.5	2.27179	1.02669	0.65935	2999.06
1143	21	3.5	0.10836	0	7.5	17.5	22.5	2.27179	1.02669	0.65935	2999.06
1144	21	3.5	0.10836	0	7.5	17.5	22.5	2.27179	1.02669	0.65935	2999.06
1145	21	3.5	0.10836	0	7.5	17.5	22.5	2.27179	1.02669	0.65935	2999.06
1146	21	3.5	0.10836	0	7.5	17.5	22.5	2.27179	1.02669	0.65935	2999.06
1147	35	12.5	0.03334	10	2.5	15	25	1.16857	1.07673	0.46027	2999.06
1148	32.5	17.5	0.03331	0	2.5	5	20	3.94617	1.04954	0.51649	2999.06
1149	17.5	6	0.10836	2.5	7.5	25	25	1.75531	1.03082	0.50266	2999.07
1150	17.5	6	0.10836	2.5	7.5	25	25	1.75531	1.03082	0.50266	2999.07
1151	20	2.5	0.10836	37.5	5	7.5	10	2.26015	1.05242	0.61628	2999.07
1152	25	7.5	0.10836	0	2.5	5	20	4.22793	1.02836	0.7158	2999.07
1153	20	3.5	0.10836	10	2.5	25	25	3.04657	1.12275	0.65777	2999.07
1154	20	1.5	0.33341	0	2.5	17	59	3.04657	1.12275	0.65777	2999.07
1155	20	1.5	0.33341	0	2.5	17	59	3.04657	1.12275	0.65777	2999.07
1156	20	1.5	0.33341	0	2.5	17	59	3.04657	1.12275	0.65777	2999.07
1157	30	9	0.10836	0	2.5	15	25	3.04657	1.12275	0.65777	2999.07
1158	20	1.5	0.33341	0	2.5	17	59	3.04657	1.12275	0.65777	2999.07
1159	20	1.5	0.33341	0	2.5	17	59	3.04657	1.12275	0.65777	2999.07
1160	25	7.5	0.33071	52.5	5	12.5	7.5	3.04657	1.12275	0.65777	2999.07
1161	22.5	2.5	0.33343	62.5	5	10	5	3.30357	0.96824	0.47503	2999.08
1162	40	2.5	0.1063	35	5	5	7.5	4.18063	1.06566	1.20419	2999.08
1163	27.5	10	0.33343	25	12.5	7.5	7.5	1.98099	1.04929	0.52408	2999.08
1164	30	2.5	0.10836	35	10	12.5	10	1.43371	1.05261	0.47875	2999.08
1165	30	2.5	0.10836	35	10	12.5	10	1.43371	1.05261	0.47875	2999.08
1166	27.5	5	0.33341	25	5	15	17.5	4.12497	1.01247	0.94074	2999.09
1167	30	5	0.1063	35	5	7.5	12.5	4.42877	1.03899	1.30619	2999.09
1168	37.5	17.5	0.10836	10	2.5	5	17.5	3.3234	0.96676	0.50579	2999.1

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1169	20	3.5	1.08358	2.5	10	32.5	40	3.7517	1.05011	0.84796	2999.11
1170	25	2.5	0.33341	32.5	5	10	10	4.09558	1.02086	1.13124	2999.11
1171	22.5	2.5	0.33071	5	5	40	25	1.75367	1.03523	0.60269	2999.12
1172	25	7.5	0.10836	0	0	10	10	3.56536	0.97844	0.53019	2999.12
1173	35	5	0.10836	30	5	5	7.5	4.67274	1.07491	1.16951	2999.12
1174	35	5	0.10836	30	5	5	7.5	4.67274	1.07491	1.16951	2999.12
1175	35	5	0.10836	30	5	5	7.5	4.67274	1.07491	1.16951	2999.12
1176	35	5	0.10836	30	5	5	7.5	4.67274	1.07491	1.16951	2999.12
1177	35	5	0.10836	30	5	5	7.5	4.67274	1.07491	1.16951	2999.12
1178	35	15	0.03334	0	0	7.5	7.5	3.20901	0.97296	0.52828	2999.13
1179	35	15	0.03334	0	0	7.5	7.5	3.20901	0.97296	0.52828	2999.13
1180	22.5	3.5	0.33341	0	2.5	27.5	30	0.93487	1.17852	0.41112	2999.13
1181	30	5	0.10836	5	5	5	12.5	4.05233	1.08034	0.77442	2999.14
1182	35	2.5	0.10836	5	0	0	12.5	3.99559	1.04477	1.20191	2999.14
1183	26	7.5	0.33341	2.5	0	10	48	1.74721	0.98919	0.42793	2999.14
1184	32.5	12.5	0.09169	2.5	2.5	10	17.5	5.11062	1.05439	0.77385	2999.14
1185	37.5	7	0.10836	20	10	5	10	3.9264	1.02819	0.7272	2999.14
1186	35	15	0.10836	10	7.5	5	15	4.05423	1.00429	0.59027	2999.14
1187	35	15	0.10836	10	7.5	5	15	4.05423	1.00429	0.59027	2999.14
1188	25	5	0.10836	57.5	5	7.5	10	1.85113	1.06656	0.5812	2999.14
1189	25	5	0.10836	57.5	5	7.5	10	1.85113	1.06656	0.5812	2999.14
1190	25	5	0.10836	57.5	5	7.5	10	1.85113	1.06656	0.5812	2999.14
1191	25	5	0.10836	57.5	5	7.5	10	1.85113	1.06656	0.5812	2999.14
1192	25	5	0.10836	57.5	5	7.5	10	1.85113	1.06656	0.5812	2999.14
1193	25	5	0.10836	57.5	5	7.5	10	1.85113	1.06656	0.5812	2999.14
1194	30	5	0.03334	0	0	2.5	5	4.50698	1.06318	0.75642	2999.14
1195	32.5	9	0.10836	0	2.5	0	5	4.57908	1.07857	0.57904	2999.14
1196	22.5	7.5	0.10836	7.5	0	7.5	7.5	4.09838	1.00389	0.6848	2999.14
1197	25	2.5	0.10836	57.5	7.5	10	12.5	1.93711	1.1355	0.53289	2999.14
1198	35	15	0.03334	0	0	5	20	3.1607	0.95752	0.49402	2999.14
1199	35	15	0.01084	0	0	5	7.5	3.25966	0.97099	0.50048	2999.15
1200	37.5	12.5	0.10836	0	0	2.5	7.5	4.17718	1.05378	0.51493	2999.15
1201	45.5	12.5	0.09169	0	2.5	2.5	10	3.2001	0.96118	0.51157	2999.15
1202	45.5	12.5	0.09169	0	2.5	2.5	10	3.2001	0.96118	0.51157	2999.15
1203	45.5	12.5	0.09169	0	2.5	2.5	10	3.2001	0.96118	0.51157	2999.15
1204	45.5	12.5	0.09169	0	2.5	2.5	10	3.2001	0.96118	0.51157	2999.15
1205	50.5	29.5	0.01084	1	6.5	10	25	1.13329	1.09136	0.4446	2999.15
1206	37.5	17.5	0.10836	12.5	0	7.5	10	3.57987	0.97832	0.58215	2999.15
1207	30	7.5	0.10836	5	0	15	10	5.34898	1.07531	0.80471	2999.15

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1208	30	7.5	0.10836	5	0	15	10	5.34898	1.07531	0.80471	2999.15
1209	22.5	9.5	0.09169	1	1.5	0	7.5	3.83043	1.06651	0.66196	2999.16
1210	30	10	0.10836	27.5	5	5	10	3.1927	0.94825	0.43138	2999.16
1211	35	15	0.10836	7.5	2.5	7.5	5	3.6452	1.01757	0.40751	2999.16
1212	30	10	0.33343	55	5	5	7.5	3.85325	0.97757	0.76679	2999.17
1213	37.5	17.5	0.03543	0	0	2.5	7.5	3.78578	0.9794	0.66662	2999.17
1214	37.5	17.5	0.03543	0	0	2.5	7.5	3.78578	0.9794	0.66662	2999.17
1215	37.5	17.5	0.03543	0	0	2.5	7.5	3.78578	0.9794	0.66662	2999.17
1216	20	2.5	0.10836	12.5	2.5	7.5	35	1.59059	1.0367	0.51933	2999.17
1217	25	2.5	0.33341	0	2.5	20	35	1.78256	1.10942	0.51645	2999.17
1218	28	8	0.10831	2.5	0	2.5	2.5	4.59619	1.03838	0.84082	2999.18
1219	25	2.5	0.33341	5	10	30	20	2.74937	1.0397	0.66979	2999.18
1220	25	2.5	0.33341	5	10	30	20	2.74937	1.0397	0.66979	2999.18
1221	25	2.5	0.33341	5	10	30	20	2.74937	1.0397	0.66979	2999.18
1222	30	10	0.10836	10	5	12.5	30	1.07999	1.05994	0.43851	2999.18
1223	27.5	10	0.10836	10	2.5	12.5	25	1.07999	1.05994	0.43851	2999.18
1224	0	0	1.08354	2.5	0	22.5	55	4.00774	1.06432	0.78004	2999.18
1225	30	10	0.10836	5	0	7.5	17.5	5.25342	1.08398	0.72616	2999.18
1226	30	10	0.10836	5	0	7.5	17.5	5.25342	1.08398	0.72616	2999.18
1227	25	10	0.03334	10	2.5	12.5	32.5	1.49684	1.06874	0.50614	2999.18
1228	30	2.5	0.10836	5	2.5	12.5	20	1.49684	1.06874	0.50614	2999.18
1229	30	5	0.10836	27.5	7.5	12.5	10	4.29326	1.00353	0.77966	2999.18
1230	25	4	0.33341	7.5	2.5	15	34.5	2.51518	1.02215	0.63455	2999.18
1231	35	12.5	0.10836	27.5	10	5	15	3.9983	0.993	0.67979	2999.18
1232	32	9	0.10836	0	0	5	10	3.98165	0.99867	0.77057	2999.19
1233	32.5	7.5	0.10836	0	2.5	7.5	22.5	4.50685	1.05811	0.5878	2999.19
1234	22.5	2.5	0.33341	12.5	0	20	30	2.57055	1.03084	0.78247	2999.19
1235	17.5	0	1.08358	10	2.5	25	42.5	2.57055	1.03084	0.78247	2999.19
1236	40	23	0.10831	0	0	2.5	7.5	3.57828	0.98601	0.53126	2999.19
1237	35	15	0.03543	5	5	5	17.5	0.89891	1.11939	0.57645	2999.19
1238	35	2.5	0.10836	2.5	0	10	2.5	4.70226	1.07064	1.23137	2999.2
1239	35	2.5	0.10836	2.5	0	10	2.5	4.70226	1.07064	1.23137	2999.2
1240	35	2.5	0.10836	2.5	0	10	2.5	4.70226	1.07064	1.23137	2999.2
1241	35	2.5	0.10836	2.5	0	10	2.5	4.70226	1.07064	1.23137	2999.2
1242	35	2.5	0.10836	2.5	0	10	2.5	4.70226	1.07064	1.23137	2999.2
1243	35	2.5	0.10836	2.5	0	10	2.5	4.70226	1.07064	1.23137	2999.2
1244	22.5	7	0.33341	2.5	0	30	27.5	4.2806	1.0361	0.58979	2999.2
1245	45	12.5	0.10836	0	2.5	10	10	3.40033	0.98009	0.43983	2999.2
1246	27.5	7.5	0.1063	30	5	10	27	3.86524	0.98376	0.63675	2999.2

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1247	27.5	7.5	0.1063	30	5	10	27	3.86524	0.98376	0.63675	2999.2
1248	21	3.5	0.10836	0	0	7.5	30	1.92356	1.02568	0.52768	2999.2
1249	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1250	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1251	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1252	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1253	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1254	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1255	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1256	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1257	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1258	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1259	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1260	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1261	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1262	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1263	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1264	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1265	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1266	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1267	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1268	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1269	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1270	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1271	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1272	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1273	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1274	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1275	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1276	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1277	40	5	0.10836	0	0	2.5	15	3.88047	0.95851	0.58067	2999.2
1278	20	4	0.33341	0	2.5	25	30	2.19326	1.01327	0.64962	2999.21
1279	20	4	0.33341	0	2.5	25	30	2.19326	1.01327	0.64962	2999.21
1280	20	4	0.33341	0	2.5	25	30	2.19326	1.01327	0.64962	2999.21
1281	55	7.5	0.1063	0	0	5	10	4.11672	0.98657	0.89749	2999.21
1282	27.5	5	0.27506	20	5	7.5	20	5.25808	1.07209	0.81274	2999.21
1283	27.5	5	0.27506	20	5	7.5	20	5.25808	1.07209	0.81274	2999.21
1284	25	5	0.33341	15	5	12.5	30	2.42908	1.12992	0.52722	2999.22
1285	27.5	7.5	0.10836	10	0	17.5	7.5	5.26248	1.03124	0.79382	2999.22

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1286	32.5	15	0.01084	5	0	5	15	3.28245	0.96503	0.49835	2999.22
1287	32.5	15	0.01084	5	0	5	15	3.28245	0.96503	0.49835	2999.22
1288	27.5	2.5	0.33341	0	12.5	37.5	15	2.23666	1.07117	0.58278	2999.22
1289	25	3.5	0.33341	2.5	7.5	10	17.5	3.67663	1.02447	0.8165	2999.22
1290	25	3.5	0.33341	2.5	7.5	10	17.5	3.67663	1.02447	0.8165	2999.22
1291	25	3.5	0.33341	2.5	7.5	10	17.5	3.67663	1.02447	0.8165	2999.22
1292	30	15	0.10836	0	0	2.5	15	3.67601	0.98552	0.57968	2999.22
1293	30	9	0.10836	2.5	0	5	17.5	3.95012	0.99803	0.59278	2999.22
1294	30	9	0.10836	2.5	0	5	17.5	3.95012	0.99803	0.59278	2999.22
1295	30	9	0.10836	2.5	0	5	17.5	3.95012	0.99803	0.59278	2999.22
1296	30	9	0.10836	2.5	0	5	17.5	3.95012	0.99803	0.59278	2999.22
1297	35	12.5	0.10836	7.5	2.5	2.5	25	4.01609	1.00126	0.59545	2999.23
1298	35	12.5	0.10836	7.5	2.5	2.5	25	4.01609	1.00126	0.59545	2999.23
1299	35	12.5	0.10836	7.5	2.5	2.5	25	4.01609	1.00126	0.59545	2999.23
1300	35	12.5	0.10836	7.5	2.5	2.5	25	4.01609	1.00126	0.59545	2999.23
1301	35	12.5	0.10836	7.5	2.5	2.5	25	4.01609	1.00126	0.59545	2999.23
1302	30	2.5	0.10836	22.5	0	10	5	4.63294	1.0484	1.27359	2999.23
1303	40	20	0.10831	2.5	0	2.5	2.5	4.02051	0.99692	0.60847	2999.23
1304	35	15	0.03334	2.5	0	0	12.5	4.02051	0.99692	0.60847	2999.23
1305	27.5	7.5	0.33341	40	5	7.5	5	1.58862	1.05669	0.49228	2999.23
1306	16	3	0.23622	65	0	5	5	1.27343	1.24987	1.0098	2999.23
1307	25	7.5	0.10836	2.5	2.5	20	15	5.10185	1.07492	0.7005	2999.23
1308	22.5	7.5	0.33341	2.5	2.5	30	32.5	2.32382	1.06496	0.60822	2999.23
1309	22.5	7.5	0.33341	2.5	2.5	30	32.5	2.32382	1.06496	0.60822	2999.23
1310	22.5	7.5	0.33341	2.5	2.5	30	32.5	2.32382	1.06496	0.60822	2999.23
1311	22.5	7.5	0.33341	2.5	2.5	30	32.5	2.32382	1.06496	0.60822	2999.23
1312	22.5	7.5	0.33341	2.5	2.5	30	32.5	2.32382	1.06496	0.60822	2999.23
1313	37.5	15	0.03334	0	2.5	2.5	7.5	3.56069	0.99674	0.45454	2999.23
1314	27.5	7.5	0.10836	7.5	5	2.5	12.5	4.28621	1.06802	0.67028	2999.23
1315	32.5	12.5	0.10836	35	5	7.5	12.5	4.00695	0.98417	0.71585	2999.24
1316	19	3.5	0.10836	12.5	3.5	16.5	17.5	3.48798	1.002	0.89479	2999.24
1317	30	12.5	0.10836	65	17.5	0	5	5.22877	1.09264	0.75809	2999.24
1318	27.5	10	0.10836	50	5	2.5	10	5.22877	1.09264	0.75809	2999.24
1319	37.5	17.5	0.03334	32.5	2.5	5	12.5	3.49438	0.9773	0.47402	2999.24
1320	37.5	17.5	0.03334	32.5	2.5	5	12.5	3.49438	0.9773	0.47402	2999.24
1321	37.5	17.5	0.03334	32.5	2.5	5	12.5	3.49438	0.9773	0.47402	2999.24
1322	37.5	13.5	0.10836	0	0	2.5	2.5	4.18192	1.0143	0.59772	2999.24
1323	17.5	2	0.10836	5	5	10	30	2.90427	1.02224	0.67299	2999.24
1324	17.5	2	0.10836	5	5	10	30	2.90427	1.02224	0.67299	2999.24

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1325	25	4.5	0.33341	10	2.5	10	37.5	1.86699	1.04043	0.59651	2999.24
1326	35	15	0.03334	57.5	0	5	5	3.63167	0.97628	0.50394	2999.24
1327	27.5	7.5	0.10836	2.5	2.5	10	15	5.22176	1.06504	0.75647	2999.24
1328	20	7.5	0.10836	2.5	0	7.5	22.5	5.22176	1.06504	0.75647	2999.24
1329	45	12.5	0.01087	0	0	2.5	7.5	3.61539	0.96968	0.53995	2999.24
1330	7.5	0	1.08354	12.5	25	27.5	15	3.82484	1.07756	1.08915	2999.24
1331	7.5	0	1.08354	12.5	25	27.5	15	3.82484	1.07756	1.08915	2999.24
1332	32.5	10.5	0.10836	0	2.5	2.5	20	4.75805	1.05738	0.62822	2999.24
1333	32.5	10.5	0.10836	0	2.5	2.5	20	4.75805	1.05738	0.62822	2999.24
1334	28	13	0.10831	2.5	0	2.5	2.5	5.53885	1.03189	0.87683	2999.25
1335	27.5	7.5	0.10836	50	5	5	7.5	4.67967	0.98661	0.75671	2999.25
1336	22.5	10	0.10836	10	22.5	10	2.5	4.95266	1.00344	0.79365	2999.25
1337	20	2.5	0.33341	37.5	5	7.5	17.5	1.88474	1.04374	0.53551	2999.25
1338	20	2.5	0.33341	37.5	5	7.5	17.5	1.88474	1.04374	0.53551	2999.25
1339	20	2.5	0.33341	37.5	5	7.5	17.5	1.88474	1.04374	0.53551	2999.25
1340	25	5	0.10836	15	0	10	20	4.37279	0.99778	0.74025	2999.25
1341	25	6	0.33071	20	5	5	0	4.40162	0.98615	0.76593	2999.25
1342	35	2.5	0.1063	2.5	2.5	5	12.5	4.3414	1.00644	1.11827	2999.25
1343	30	7.5	0.10836	80	5	2.5	3.5	5.07303	1.06515	0.70806	2999.26
1344	32.5	7.5	0.10831	32.5	5	2.5	7.5	5.07303	1.06515	0.70806	2999.26
1345	30	12.5	0.10836	45	12.5	5	7.5	5.07303	1.06515	0.70806	2999.26
1346	30	10	0.03331	77.5	5	0	5	5.07303	1.06515	0.70806	2999.26
1347	35	15	0.10836	35	12.5	7.5	10	3.3364	0.98437	0.45863	2999.26
1348	32.5	14	0.10836	0	0	2.5	0	4.75227	1.06703	0.58449	2999.26
1349	35	10	0.10836	0	0	2.5	2.5	4.75227	1.06703	0.58449	2999.26
1350	32.5	5	0.1063	52.5	7.5	5	10	5.13417	1.06808	0.75638	2999.26
1351	22.5	4.5	0.33341	0	1	14	52.5	2.51451	1.0228	0.66088	2999.26
1352	22.5	4.5	0.33341	0	1	14	52.5	2.51451	1.0228	0.66088	2999.26
1353	20	3.5	0.10836	1	0	4	54	2.51451	1.0228	0.66088	2999.26
1354	20	3.5	0.10836	1	0	4	54	2.51451	1.0228	0.66088	2999.26
1355	17.5	2.5	0.91688	0	0	20	40	3.78234	0.99878	0.94023	2999.26
1356	40	15	0.10836	0	0	5	5	3.89561	0.96887	0.58427	2999.26
1357	40	15	0.10836	0	0	5	5	3.89561	0.96887	0.58427	2999.26
1358	35	12.5	0.10836	2.5	0	5	12.5	4.5912	1.04187	0.65086	2999.26
1359	35	12.5	0.10836	2.5	0	5	12.5	4.5912	1.04187	0.65086	2999.26
1360	35	12.5	0.10836	2.5	0	5	12.5	4.5912	1.04187	0.65086	2999.26
1361	25	5	0.33341	55	7.5	5	12.5	1.8246	1.03451	0.59677	2999.26
1362	32.5	9	0.10836	0	0	5	15	3.99546	0.99125	0.63204	2999.26
1363	35	5	0.10836	7.5	10	12.5	12.5	3.08971	1.03968	0.60553	2999.27

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1364	25	7.5	0.10836	20	5	10	10	4.06777	1.04517	0.66036	2999.27
1365	25	7.5	0.10836	20	5	10	10	4.06777	1.04517	0.66036	2999.27
1366	25	7.5	0.10836	20	5	10	10	4.06777	1.04517	0.66036	2999.27
1367	30	10	0.10836	2.5	2.5	2.5	12.5	5.12689	1.0467	0.72723	2999.27
1368	25	2.5	0.33341	5	2.5	2.5	35	1.93605	1.04308	0.60125	2999.27
1369	25	2.5	0.33341	5	2.5	2.5	35	1.93605	1.04308	0.60125	2999.27
1370	27.5	7.5	0.10836	0	7.5	7.5	17.5	5.1892	1.07032	0.78367	2999.27
1371	27.5	7.5	0.10836	0	7.5	7.5	17.5	5.1892	1.07032	0.78367	2999.27
1372	27.5	7.5	0.10836	32.5	5	7.5	12.5	5.40262	1.07367	0.75562	2999.27
1373	40	7.5	0.1063	5	10	10	7.5	3.87548	1.05675	0.63574	2999.27
1374	30	10	0.10836	30	7.5	12.5	7.5	4.05089	0.99287	0.7314	2999.27
1375	30	7.5	0.10836	77.5	5	7.5	2.5	1.95215	1.14389	0.52324	2999.27
1376	35	12.5	0.03334	52.5	10	7.5	5	3.99575	0.97964	0.60857	2999.27
1377	7	0	1.08661	0	0	27.5	63.5	3.94369	1.04039	0.93213	2999.27
1378	17.5	2.5	1.08358	0	0	35	40	3.94369	1.04039	0.93213	2999.27
1379	17.5	2.5	1.08358	0	0	35	40	3.94369	1.04039	0.93213	2999.27
1380	17.5	2.5	1.08358	0	0	35	40	3.94369	1.04039	0.93213	2999.27
1381	17.5	2.5	1.08358	0	0	35	40	3.94369	1.04039	0.93213	2999.27
1382	32.5	2.5	0.10836	2.5	0	5	7.5	5.34027	1.08031	0.72408	2999.28
1383	20	4	0.33341	10	2.5	30	27.5	2.9475	1.02007	0.78837	2999.28
1384	18	2	0.27506	10	2.5	20	32.5	3.22938	1.05678	0.7865	2999.28
1385	10.5	5	0.33341	0	0	22.5	25	2.45522	1.0149	0.62162	2999.28
1386	35	2.5	0.1063	7.5	0	10	15	4.73782	1.05382	1.32376	2999.28
1387	35	2.5	0.1063	7.5	0	10	15	4.73782	1.05382	1.32376	2999.28
1388	27.5	7.5	0.10836	0	0	10	17.5	4.23176	1.00421	0.61259	2999.28
1389	32.5	10.5	0.10836	2.5	0	7.5	22.5	5.06507	1.06507	0.67776	2999.28
1390	32.5	10.5	0.10836	2.5	0	7.5	22.5	5.06507	1.06507	0.67776	2999.28
1391	22	7	0.1063	17	10	9	4	4.77057	1.04611	0.642	2999.28
1392	25	2.5	0.10836	2.5	0	10	32.5	5.07122	1.06649	0.669	2999.28
1393	25	2.5	0.10836	2.5	0	10	32.5	5.07122	1.06649	0.669	2999.28
1394	22.5	3.5	0.10836	1	1.5	22.5	35	2.14852	1.11691	0.58798	2999.28
1395	40	10	0.10836	17.5	17.5	5	12.5	4.74492	1.03155	0.74127	2999.29
1396	25	3.5	0.33341	7	3	17	48	2.57881	1.0421	0.64029	2999.29
1397	25	3.5	0.33341	7	3	17	48	2.57881	1.0421	0.64029	2999.29
1398	22.5	5	0.10836	10	2.5	0	37	2.57881	1.0421	0.64029	2999.29
1399	25	3.5	0.33341	7	3	17	48	2.57881	1.0421	0.64029	2999.29
1400	27.5	10	0.1063	0	0	15	25	4.64035	1.0514	0.57032	2999.29
1401	40	12.5	0.03331	0	0	5	12.5	4.64035	1.0514	0.57032	2999.29
1402	21.5	2	0.33341	32.5	10	5	10	4.39679	0.98953	0.96994	2999.29

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1403	30	10	0.10836	17.5	10	17.5	12.5	4.75014	1.00299	0.73045	2999.29
1404	25	7.5	0.03334	0	0	0	20	5.10735	1.05208	0.77705	2999.29
1405	25	7.5	0.03334	0	0	0	20	5.10735	1.05208	0.77705	2999.29
1406	25	7.5	0.10836	0	0	2.5	10	5.10735	1.05208	0.77705	2999.29
1407	25	2.5	0.33341	10	2.5	27.5	17.5	2.10696	1.03262	0.58091	2999.29
1408	30	5	0.10836	70	10	2.5	5	4.86417	0.99972	0.72183	2999.29
1409	35	12.5	0.10836	2.5	2.5	10	15	3.91381	1.01537	0.44815	2999.3
1410	37.5	17.5	0.10836	2.5	2.5	5	25	4.6236	1.01445	0.72767	2999.3
1411	37.5	17.5	0.10836	2.5	2.5	5	25	4.6236	1.01445	0.72767	2999.3
1412	25	7	0.01084	12.5	15	12.5	17.5	5.11697	1.07359	0.6351	2999.3
1413	37.5	15	0.03334	5	0	2.5	5	3.91155	0.97189	0.44131	2999.3
1414	27.5	7.5	0.10836	45	12.5	5	7.5	4.45822	0.99698	0.77753	2999.3
1415	22.5	2.5	0.33341	30	5	5	20	1.99047	1.06606	0.54285	2999.3
1416	22.5	2.5	0.33341	5	5	20	27.5	2.49652	1.05557	0.72713	2999.3
1417	25	9.5	0.10836	0	0	5	27.5	5.31261	1.07695	0.68097	2999.3
1418	30	7.5	0.10836	25	0	17.5	15	4.47491	0.9868	0.76728	2999.3
1419	30	12.5	0.10836	57.5	5	5	7.5	4.72154	0.99562	0.77874	2999.3
1420	30	12.5	0.10836	57.5	5	5	7.5	4.72154	0.99562	0.77874	2999.3
1421	30	12.5	0.10836	57.5	5	5	7.5	4.72154	0.99562	0.77874	2999.3
1422	30	12.5	0.10836	57.5	5	5	7.5	4.72154	0.99562	0.77874	2999.3
1423	41	17.5	0.10836	0	2.5	0	0	5.04201	1.03447	0.88914	2999.3
1424	27.5	7.5	0.10836	0	0	5	25	5.00278	1.04406	0.70842	2999.31
1425	32.5	12.5	0.10836	0	0	10	22.5	5.00278	1.04406	0.70842	2999.31
1426	32.5	12.5	0.10836	22.5	7.5	5	15	4.7139	1.03298	0.68064	2999.31
1427	32.5	12.5	0.10836	22.5	7.5	5	15	4.7139	1.03298	0.68064	2999.31
1428	32.5	12.5	0.10836	22.5	7.5	5	15	4.7139	1.03298	0.68064	2999.31
1429	25	2.5	0.33341	2.5	0	20	35	2.07806	1.05879	0.62412	2999.31
1430	32.5	9	0.10836	2.5	0	7.5	22.5	5.30941	1.06934	0.73236	2999.31
1431	32.5	9	0.10836	2.5	0	7.5	22.5	5.30941	1.06934	0.73236	2999.31
1432	20	1.5	0.33341	0	2.5	17	59	2.59818	1.01192	0.64724	2999.31
1433	32.5	6	0.10836	0	0	5	20	4.984	1.06075	0.62608	2999.31
1434	35	15	0.10836	0	0	2.5	12.5	5.08007	1.06339	0.64192	2999.31
1435	32.5	10	0.1063	27.5	5	7.5	10	4.46266	0.99078	0.70361	2999.31
1436	32.5	12.5	0.1063	12.5	5	12.5	20	4.18908	0.97385	0.75782	2999.32
1437	20	2.5	0.33341	55	7.5	7.5	10	3.34524	0.99421	0.76941	2999.32
1438	20	2.5	0.33341	55	7.5	7.5	10	3.34524	0.99421	0.76941	2999.32
1439	20	2.5	0.33341	55	7.5	7.5	10	3.34524	0.99421	0.76941	2999.32
1440	0	0	1.08354	0	0	32.5	47.5	3.98161	1.02963	0.95733	2999.32
1441	27.5	2.5	0.10836	42.5	5	5	12.5	4.74941	1.04072	1.27578	2999.32

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1442	25	2.5	0.10836	5	30	10	7.5	5.38601	1.00897	0.87641	2999.32
1443	25	2.5	0.33071	27.5	7.5	20	17.5	3.7551	1.01778	0.75989	2999.32
1444	25	2.5	0.33071	27.5	7.5	20	17.5	3.7551	1.01778	0.75989	2999.32
1445	25	10	0.10836	35	7.5	5	10	4.84461	1.04191	0.68552	2999.32
1446	25	7	0.01084	12.5	15	12.5	17.5	4.91888	1.05948	0.59955	2999.32
1447	32.5	12.5	0.10836	0	2.5	22.5	30	1.43935	1.04508	0.47579	2999.32
1448	32.5	12.5	0.10836	0	2.5	22.5	30	1.43935	1.04508	0.47579	2999.32
1449	32.5	12.5	0.10836	0	2.5	22.5	30	1.43935	1.04508	0.47579	2999.32
1450	40	25	0.01084	2.5	2.5	0	5	3.33952	0.96794	0.41593	2999.32
1451	30	8	0.10836	0	0	10	22.5	5.29989	1.07236	0.67401	2999.32
1452	30	12.5	0.10836	0	0	5	20	5.29989	1.07236	0.67401	2999.32
1453	50	17.5	0.10836	0	0	2.5	12.5	5.29989	1.07236	0.67401	2999.32
1454	25	7.5	0.10836	0	0	15	15	5.29989	1.07236	0.67401	2999.32
1455	25	7.5	0.01084	0	0	5	12.5	5.29989	1.07236	0.67401	2999.32
1456	27.5	7.5	0.10836	0	0	7.5	15	5.29989	1.07236	0.67401	2999.32
1457	30	2.5	0.1063	30	5	5	7.5	4.39368	1.03681	1.27165	2999.33
1458	25	7.5	0.10836	0	2.5	5	10	5.18189	1.06868	0.69507	2999.33
1459	32.5	17.5	0.03334	2.5	2.5	12.5	27.5	4.59593	1.02739	0.60572	2999.33
1460	37.5	17.5	0.10836	0	0	5	17.5	4.95725	1.05056	0.62527	2999.33
1461	17.5	1.5	1.08358	2.5	1.5	16	57.5	3.81184	1.03131	0.88215	2999.33
1462	20	2.5	0.33341	10	2.5	17.5	30	2.68158	1.05743	0.80281	2999.33
1463	20	2.5	0.33341	10	2.5	17.5	30	2.68158	1.05743	0.80281	2999.33
1464	20	2.5	0.33341	10	2.5	17.5	30	2.68158	1.05743	0.80281	2999.33
1465	25	10	0.10836	45	5	7.5	12.5	5.30895	1.07357	0.71257	2999.33
1466	32.5	12.5	0.10836	2.5	0	27.5	20	5.30895	1.07357	0.71257	2999.33
1467	30	10	0.10836	5	2.5	17.5	7.5	4.04419	0.97355	0.4756	2999.33
1468	25	8	0.10836	2.5	5	17.5	22.5	1.91658	1.08433	0.53206	2999.33
1469	30	10	0.09169	0	0	5	12.5	5.18497	1.06622	0.6542	2999.33
1470	30	12.5	0.03334	0	0	2.5	7.5	3.83203	0.97739	0.57705	2999.33
1471	27.5	12.5	0.10836	12.5	10	5	15	4.48957	0.99324	0.73593	2999.33
1472	40	20	0.03334	0	2.5	0	7.5	3.47221	0.944	0.41856	2999.34
1473	25	7.5	0.03334	2.5	10	10	12.5	4.99199	1.04035	0.71158	2999.34
1474	25	7.5	0.03334	2.5	10	10	12.5	4.99199	1.04035	0.71158	2999.34
1475	30	10	0.1063	2.5	7.5	2.5	10	4.99199	1.04035	0.71158	2999.34
1476	25	7.5	0.1063	2.5	10	7.5	20	4.99199	1.04035	0.71158	2999.34
1477	25	7.5	0.1063	2.5	10	7.5	20	4.99199	1.04035	0.71158	2999.34
1478	32.5	14	0.10836	0	0	5	10	5.06718	1.05647	0.63623	2999.34
1479	35	15	0.03334	0	0	5	20	4.22633	1.05113	0.5289	2999.34
1480	35	15	0.03334	0	0	5	20	4.22633	1.05113	0.5289	2999.34

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1481	25	10	0.10836	7.5	5	7.5	5	4.17467	0.97604	0.6869	2999.34
1482	25	10	0.10836	7.5	5	7.5	5	4.17467	0.97604	0.6869	2999.34
1483	25	7.5	0.10836	15	5	10	12.5	4.99372	1.04248	0.68278	2999.34
1484	22	7	0.10831	0	0	5	7.5	5.2621	1.04038	0.89584	2999.34
1485	18.5	2	0.33341	5	5	17.5	37.5	2.15468	1.01277	0.60264	2999.35
1486	27.5	10	0.10836	0	0	15	25	5.40396	1.07233	0.69228	2999.35
1487	27.5	7.5	0.33341	32.5	5	22.5	17.5	1.89575	1.02423	0.6038	2999.35
1488	35	10	0.10836	2.5	0	2.5	17.5	4.02162	0.9742	0.63892	2999.35
1489	32.5	12.5	0.09169	2.5	2.5	10	17.5	4.37013	0.9904	0.65344	2999.35
1490	35	12.5	0.03334	12.5	10	5	15	4.17609	0.99277	0.56508	2999.35
1491	30	7.5	0.10836	12.5	0	12.5	17.5	4.5664	1.00667	0.64132	2999.35
1492	5	0	0.33071	0	0	17.5	45	3.25822	1.03384	0.95366	2999.36
1493	27.5	7.5	0.10836	10	2.5	15	7.5	5.11936	1.02914	0.86624	2999.36
1494	25	7.5	0.10836	2.5	0	32.5	37.5	2.6873	1.03464	0.55424	2999.36
1495	40	12.5	0.10836	7.5	5	12.5	17.5	5.21771	1.05818	0.57477	2999.36
1496	25	5	0.33343	12.5	15	17.5	20	5.21771	1.05818	0.57477	2999.36
1497	25	6	0.33071	50	5	5	10	4.53102	0.99653	0.7661	2999.36
1498	25	6	0.33071	50	5	5	10	4.53102	0.99653	0.7661	2999.36
1499	25	5	0.33071	50	5	5	10	4.53102	0.99653	0.7661	2999.36
1500	27.5	7.5	0.10836	25	2.5	20	10	4.48237	0.96622	0.69959	2999.36
1501	52.5	22.5	0.01084	0	0	0	2.5	3.69639	1.05441	0.45604	2999.36
1502	52.5	22.5	0.01084	0	0	0	2.5	3.69639	1.05441	0.45604	2999.36
1503	25	10	0.10836	2.5	0	7.5	15	5.08223	1.03982	0.83244	2999.36
1504	20	6	0.10836	20	5	5	12.5	3.9759	1.02304	1.0011	2999.36
1505	23	6.5	0.10836	22.5	2.5	5	20	3.1121	1.03826	0.78033	2999.36
1506	23	6.5	0.10836	22.5	2.5	5	20	3.1121	1.03826	0.78033	2999.36
1507	30	17.5	0.27506	0	0	7.5	17.5	4.8117	1.03243	0.6181	2999.36
1508	30	17.5	0.27506	0	0	7.5	17.5	4.8117	1.03243	0.6181	2999.36
1509	30	17.5	0.27506	0	0	7.5	17.5	4.8117	1.03243	0.6181	2999.36
1510	30	17.5	0.27506	0	0	7.5	17.5	4.8117	1.03243	0.6181	2999.36
1511	30	17.5	0.27506	0	0	7.5	17.5	4.8117	1.03243	0.6181	2999.36
1512	50	17.5	0.03334	2.5	0	10	10	4.07058	1.06031	0.51825	2999.36
1513	27.5	2.5	0.10836	55	5	5	10	5.12274	1.05982	0.60918	2999.36
1514	35	15	0.03334	40	5	5	7.5	5.12274	1.05982	0.60918	2999.36
1515	27.5	10	0.03334	77.5	5	0	5	5.12274	1.05982	0.60918	2999.36
1516	35	2.5	0.10836	30	5	5	12.5	5.02396	1.1257	1.15819	2999.36
1517	29	9.5	0.10836	0	0	0	2.5	5.13183	1.05041	0.66303	2999.37
1518	28.5	9	0.10836	0	0	2.5	20	5.13183	1.05041	0.66303	2999.37
1519	30	10	0.10836	0	0	7.5	10	5.13183	1.05041	0.66303	2999.37

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1520	25	10	0.10836	0	0	22.5	10	4.40189	0.99467	0.86282	2999.37
1521	30	10	0.03334	0	0	2.5	12.5	4.66244	1.06418	0.57373	2999.37
1522	35	15	0.03334	0	0	10	27.5	4.54826	0.98879	0.73471	2999.37
1523	26.5	12.5	0.10836	0	0	10	61.5	2.02041	1.02727	0.42436	2999.37
1524	26.5	12.5	0.10836	0	0	10	61.5	2.02041	1.02727	0.42436	2999.37
1525	34	13	0.09169	0	0	0	12.5	3.36685	0.96827	0.43688	2999.37
1526	34	13	0.09169	0	0	0	12.5	3.36685	0.96827	0.43688	2999.37
1527	34	13	0.09169	0	0	0	12.5	3.36685	0.96827	0.43688	2999.37
1528	34	13	0.09169	0	0	0	12.5	3.36685	0.96827	0.43688	2999.37
1529	40	15	0.03334	10	7.5	5	17.5	4.05993	0.98474	0.46874	2999.37
1530	25	7.5	0.10836	7.5	2.5	10	12.5	4.42199	0.99067	0.65618	2999.37
1531	21	4.5	0.33341	0	0	11	49	2.05516	1.04092	0.61656	2999.37
1532	34.5	11.5	0.10836	2.5	2.5	5	7.5	4.53079	1.00868	0.61493	2999.37
1533	30	10	0.1063	2.5	2.5	0	10	3.37195	0.98017	0.63674	2999.37
1534	30	10	0.10836	2.5	2.5	0	10	3.37195	0.98017	0.63674	2999.37
1535	30	10	0.1063	2.5	2.5	0	10	3.37195	0.98017	0.63674	2999.37
1536	30	7.5	0.10836	52.5	0	5	12.5	4.46579	0.98943	0.697	2999.37
1537	35	15	0.03334	0	0	5	5	4.3056	1.06492	0.51656	2999.37
1538	35	15	0.03334	0	0	5	5	4.3056	1.06492	0.51656	2999.37
1539	27.5	9.5	0.10836	0	1	12.5	41	1.04303	1.13798	0.43267	2999.38
1540	35	15	0.01084	0	0	5	17.5	3.78037	1.00469	0.63471	2999.38
1541	20	3	0.33341	7.5	5	32.5	35	1.75332	1.03608	0.55787	2999.38
1542	25	5	0.33341	0	2.5	30	27	1.75277	1.02162	0.57066	2999.38
1543	25	5	0.33341	0	2.5	30	27	1.75277	1.02162	0.57066	2999.38
1544	25	5	0.33341	0	2.5	30	27	1.75277	1.02162	0.57066	2999.38
1545	32.5	12.5	0.10836	45	5	10	10	4.4692	0.97993	0.72517	2999.38
1546	32.5	12.5	0.10836	45	5	10	10	4.4692	0.97993	0.72517	2999.38
1547	32.5	12.5	0.10836	45	5	10	10	4.4692	0.97993	0.72517	2999.38
1548	17.5	3	0.33341	0	2.5	27.5	27.5	1.9012	1.05148	0.57856	2999.38
1549	30	7.5	0.10836	0	0	10	22.5	4.86259	1.00133	0.79999	2999.38
1550	32.5	9	0.10836	0	0	2.5	5	4.33878	0.98387	0.64386	2999.38
1551	19	5	0.10836	0	0	27.5	32.5	2.07853	1.09502	0.57064	2999.38
1552	19	5	0.10836	0	0	27.5	32.5	2.07853	1.09502	0.57064	2999.38
1553	22.5	5	0.10836	0	0	10	44.5	2.07853	1.09502	0.57064	2999.38
1554	27.5	7.5	0.10836	25	5	15	5	4.99537	1.03656	0.64991	2999.38
1555	37.5	15	0.03334	0	0	5	10	3.67954	1.04026	0.553	2999.38
1556	37.5	15	0.03334	0	0	5	10	3.67954	1.04026	0.553	2999.38
1557	37.5	15	0.03334	0	0	5	10	3.67954	1.04026	0.553	2999.38
1558	37.5	15	0.03334	0	0	5	10	3.67954	1.04026	0.553	2999.38

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1559	27.5	7.5	0.1063	22.5	5	2.5	12.5	5.07461	1.00287	0.78764	2999.38
1560	36	16.5	0.10836	0	0	5	22	4.342	0.98356	0.64018	2999.38
1561	47.5	15	0.10836	0	0	2.5	5	4.342	0.98356	0.64018	2999.38
1562	17.5	2.5	0.33341	0	0	7.5	55	1.91058	1.06279	0.5424	2999.39
1563	30	5	0.10836	15	7.5	25	12.5	3.9892	0.95516	0.62033	2999.39
1564	35	15	0.03334	0	0	2.5	7.5	3.80051	1.04923	0.47559	2999.39
1565	35	12.5	0.03334	22.5	5	7.5	5	4.06214	0.96455	0.57573	2999.39
1566	35	12.5	0.03334	22.5	5	7.5	5	4.06214	0.96455	0.57573	2999.39
1567	32.5	10	0.10836	0	0	2.5	2.5	4.52336	0.97937	0.7428	2999.39
1568	32.5	10	0.10836	32.5	5	5	5	4.37762	0.99433	0.55937	2999.39
1569	30	10	0.10836	2.5	0	17.5	20	4.52215	0.98075	0.64439	2999.39
1570	30	7.5	0.10836	27.5	0	12.5	17.5	4.94541	1.02658	0.70731	2999.39
1571	30	7.5	0.10836	27.5	0	12.5	17.5	4.94541	1.02658	0.70731	2999.39
1572	30	7.5	0.10836	27.5	0	12.5	17.5	4.94541	1.02658	0.70731	2999.39
1573	37.5	12.5	0.03331	27.5	10	5	15	3.97039	0.9694	0.51494	2999.39
1574	25	7.5	0.33341	2.5	2.5	22.5	30	2.01421	1.0485	0.60985	2999.39
1575	22.5	5	0.33341	65	7.5	5	7.5	2.22951	1.01537	0.5791	2999.39
1576	22.5	5	0.33341	65	7.5	5	7.5	2.22951	1.01537	0.5791	2999.39
1577	35	12.5	0.1063	0	0	2.5	0	4.43223	1.06031	0.53845	2999.4
1578	17.5	2.5	1.08358	2.5	2.5	12.5	62.5	3.84874	1.0391	1.02137	2999.4
1579	35	15	0.03334	12.5	0	2.5	2.5	3.69464	0.96137	0.42277	2999.4
1580	35	15	0.03334	12.5	0	2.5	2.5	3.69464	0.96137	0.42277	2999.4
1581	45	10	0.10836	10	2.5	7.5	10	4.17847	0.96871	0.62003	2999.4
1582	30	10	0.10836	67.5	5	5	2.5	4.94732	1.03231	0.83273	2999.4
1583	30	10	0.10836	67.5	5	5	2.5	4.94732	1.03231	0.83273	2999.4
1584	32.5	14	0.10836	2.5	0	0	7.5	4.29192	0.98561	0.59709	2999.4
1585	32.5	10	0.10836	0	2.5	7.5	7.5	4.80607	1.02237	0.60624	2999.4
1586	25	7	0.10836	7.5	20	7.5	15	2.85653	1.00771	0.5874	2999.4
1587	32.5	10	0.10836	37.5	5	5	7.5	4.36935	0.96785	0.53941	2999.4
1588	22.5	5	0.27506	12.5	0	20	30	2.02959	1.02175	0.6428	2999.4
1589	25	5	0.1063	20	35	5	5	4.65725	0.98984	0.71982	2999.4
1590	25	5	0.1063	20	35	5	5	4.65725	0.98984	0.71982	2999.4
1591	17.5	0	1.08358	0	0	5	72.5	3.7928	1.00156	0.71585	2999.4
1592	17.5	0	1.08358	0	0	5	72.5	3.7928	1.00156	0.71585	2999.4
1593	32.5	10	0.10836	40	5	5	7.5	4.64501	1.00221	0.69263	2999.4
1594	34.5	16.5	0.1063	45	0	5	2.5	4.42426	0.95627	0.59878	2999.4
1595	30	7.5	0.10836	47.5	5	10	7.5	4.67954	0.98993	0.76239	2999.4
1596	27.5	5	0.10836	0	0	2.5	7.5	5.75944	1.02617	0.89491	2999.4
1597	22.5	2.5	0.1063	0	0	5	10	5.75944	1.02617	0.89491	2999.4

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1598	27.5	5	0.10836	0	0	2.5	7.5	5.75944	1.02617	0.89491	2999.4
1599	27.5	5	0.10836	0	0	2.5	7.5	5.75944	1.02617	0.89491	2999.4
1600	27.5	5	0.10836	0	0	2.5	7.5	5.75944	1.02617	0.89491	2999.4
1601	27.5	5	0.10836	0	0	2.5	7.5	5.75944	1.02617	0.89491	2999.4
1602	27.5	5	0.10836	0	0	2.5	7.5	5.75944	1.02617	0.89491	2999.4
1603	30	12.5	0.10836	10	7.5	2.5	15	5.04715	1.01128	0.76433	2999.41
1604	37.5	12.5	0.10836	60	2.5	5	7.5	4.32949	1.0343	0.49866	2999.41
1605	25	7.5	0.33341	7.5	2.5	32.5	25	2.00565	1.03506	0.61493	2999.41
1606	25	5	0.10836	10	5	10	17.5	4.32668	0.97544	0.63718	2999.41
1607	20	5	0.33341	17.5	15	7.5	15	5.38441	0.98163	1.08236	2999.41
1608	25	7.5	0.10836	0	0	2.5	10	4.93301	1.02231	0.71143	2999.41
1609	27.5	7.5	0.10836	0	0	5	12.5	4.93301	1.02231	0.71143	2999.41
1610	27.5	7.5	0.10836	0	0	5	12.5	4.93301	1.02231	0.71143	2999.41
1611	27.5	7.5	0.10836	0	0	5	12.5	4.93301	1.02231	0.71143	2999.41
1612	27.5	7.5	0.10836	0	0	5	12.5	4.93301	1.02231	0.71143	2999.41
1613	25	2.5	0.1063	40	10	5	5	5.62681	1.0618	0.76336	2999.41
1614	32.5	10	0.10836	25	2.5	7.5	7.5	4.44501	1.00758	0.54876	2999.41
1615	29	5	0.10836	7.5	12.5	5	15	4.74839	0.98183	0.9923	2999.41
1616	25	7.5	0.10836	17.5	5	5	12.5	4.21925	1.03341	0.52095	2999.41
1617	25	7.5	0.10836	0	0	5	15	5.05133	1.02396	0.73468	2999.41
1618	32.5	15.5	0.10836	0	0	2.5	2.5	5.30379	1.04024	0.71159	2999.41
1619	30	7.5	0.10836	35	5	10	10	4.95571	1.0102	0.77961	2999.41
1620	42.5	17.5	0.03334	0	0	2.5	2.5	3.66471	1.04884	0.45981	2999.41
1621	42.5	17.5	0.03334	0	0	2.5	2.5	3.66471	1.04884	0.45981	2999.41
1622	30	12.5	0.10836	35	5	5	12.5	5.05649	1.00071	0.78535	2999.41
1623	25	5	0.10836	2.5	2.5	7.5	25	1.64128	1.03718	0.51444	2999.41
1624	12.5	5	0.33341	7.5	10	27.5	32.5	3.04921	1.03966	0.82012	2999.41
1625	12.5	5	0.33341	7.5	10	27.5	32.5	3.04921	1.03966	0.82012	2999.41
1626	30	12.5	0.10836	10	2.5	7.5	22.5	4.74465	1.01066	0.61686	2999.42
1627	30	5	0.10836	5	5	7.5	15	4.284	0.97192	0.62845	2999.42
1628	17.5	2.5	0.33341	5	2.5	7.5	45	2.52231	1.03863	0.66882	2999.42
1629	30	7.5	0.10836	0	0	5	10	5.76739	1.07254	0.76097	2999.42
1630	25	7.5	0.10836	0	0	2.5	15	5.76739	1.07254	0.76097	2999.42
1631	30	7.5	0.10831	0	0	2.5	15	5.76739	1.07254	0.76097	2999.42
1632	30	15	0.03334	0	0	2.5	7.5	3.73988	1.04448	0.46454	2999.42
1633	40	15	0.10836	0	0	2.5	7.5	3.73988	1.04448	0.46454	2999.42
1634	25	7.5	0.33341	40	5	5	15	5.45743	1.05505	0.69489	2999.42
1635	30	10	0.10836	35	10	5	12.5	5.74331	1.07572	0.71733	2999.42
1636	25	7.5	0.10836	25	15	5	7.5	4.00459	0.98194	0.56718	2999.42

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1637	27.5	7.5	0.10836	0	0	10	22.5	5.06698	1.02784	0.73789	2999.42
1638	27.5	5	0.10836	0	0	5	15	5.06698	1.02784	0.73789	2999.42
1639	27.5	5	0.10836	0	0	5	15	5.06698	1.02784	0.73789	2999.42
1640	27.5	5	0.10836	0	0	5	15	5.06698	1.02784	0.73789	2999.42
1641	27.5	7.5	0.10836	0	0	10	22.5	5.06698	1.02784	0.73789	2999.42
1642	15	3	0.01075	0	0	5	5	5.06698	1.02784	0.73789	2999.42
1643	25	5	0.33343	7.5	0	37.5	22.5	2.11726	1.01386	0.58179	2999.42
1644	25	5	0.33343	7.5	0	37.5	22.5	2.11726	1.01386	0.58179	2999.42
1645	27.5	4	0.10836	7.5	10	5	10	4.40228	0.97888	0.75454	2999.42
1646	27.5	7.5	0.10836	10	2.5	7.5	17.5	4.73544	0.99211	0.72937	2999.42
1647	27.5	7.5	0.10836	10	2.5	7.5	17.5	4.73544	0.99211	0.72937	2999.42
1648	27.5	7.5	0.10836	10	2.5	7.5	17.5	4.73544	0.99211	0.72937	2999.42
1649	27.5	7.5	0.10836	10	2.5	7.5	17.5	4.73544	0.99211	0.72937	2999.42
1650	27.5	7.5	0.10836	10	2.5	7.5	17.5	4.73544	0.99211	0.72937	2999.42
1651	32.5	7.5	0.10836	15	2.5	7.5	12.5	4.47618	0.96635	0.76337	2999.42
1652	40	10	0.10836	10	5	7.5	17.5	4.58277	0.99741	0.7615	2999.42
1653	35	15	0.10836	5	5	2.5	5	4.91906	1.01225	0.74274	2999.42
1654	30	9	0.10836	0	0	2.5	0	5.17055	1.02852	0.73909	2999.42
1655	27.5	10	0.10836	0	0	0	2.5	5.14082	1.04906	0.83995	2999.43
1656	27.5	10	0.10836	0	0	0	2.5	5.14082	1.04906	0.83995	2999.43
1657	27.5	10	0.10836	0	0	0	2.5	5.14082	1.04906	0.83995	2999.43
1658	27.5	10	0.10836	0	0	0	2.5	5.14082	1.04906	0.83995	2999.43
1659	27.5	10	0.10836	0	0	0	2.5	5.14082	1.04906	0.83995	2999.43
1660	27.5	10	0.10836	0	0	0	2.5	5.14082	1.04906	0.83995	2999.43
1661	32.5	15	0.10836	7.5	7.5	5	7.5	3.77089	0.94895	0.50352	2999.43
1662	32.5	15	0.10836	7.5	7.5	5	7.5	3.77089	0.94895	0.50352	2999.43
1663	32.5	15	0.10836	7.5	7.5	5	7.5	3.77089	0.94895	0.50352	2999.43
1664	25	7.5	0.10836	25	32.5	15	5	3.11656	1.10214	0.57032	2999.43
1665	27.5	2	0.1063	65	10	5	5	4.5351	0.98123	0.66138	2999.43
1666	27.5	2	0.1063	65	10	5	5	4.5351	0.98123	0.66138	2999.43
1667	30	10	0.10836	0	0	5	10	4.58766	0.99234	0.62525	2999.43
1668	30	10	0.10836	25	5	7.5	7.5	3.71246	1.02539	0.8435	2999.43
1669	25	2.5	0.10836	50	12.5	5	10	3.71246	1.02539	0.8435	2999.43
1670	30	7.5	0.1063	37.5	0	10	12.5	5.45439	1.00229	0.74738	2999.43
1671	30	5	0.10836	7.5	2.5	0	10	4.49438	0.98217	0.69375	2999.43
1672	40	5	0.33341	28.5	9	15	12.5	3.24358	1.00334	0.46185	2999.43
1673	30	10	0.10836	35	12.5	5	5	5.72263	1.06984	0.71029	2999.43
1674	27.5	7.5	0.10836	32.5	10	10	10	5.72263	1.06984	0.71029	2999.43
1675	32.5	9	0.10836	0	0	5	7.5	5.59399	1.06142	0.72991	2999.43

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1676	32.5	9	0.10836	0	0	5	7.5	5.59399	1.06142	0.72991	2999.43
1677	27.5	6.5	0.27506	42.5	5	7.5	10.5	3.59425	0.94522	0.46757	2999.43
1678	25	7.5	0.10836	12.5	5	17.5	20	4.87076	1.00101	0.81399	2999.43
1679	40	15	0.10836	0	0	2.5	5	3.90236	1.03721	0.49462	2999.43
1680	40	15	0.10836	0	0	2.5	5	3.90236	1.03721	0.49462	2999.43
1681	32.5	12.5	0.03334	0	0	5	15	3.90236	1.03721	0.49462	2999.43
1682	25	7.5	0.10836	7.5	5	17.5	10	4.86805	1.01665	0.62036	2999.43
1683	35	15.5	0.10836	0	2.5	2.5	22.5	4.41784	0.97646	0.46337	2999.43
1684	32.5	12.5	0.03334	52.5	5	5	5	4.47843	1.05134	0.52211	2999.44
1685	32.5	9	0.10836	0	0	5	2.5	5.58361	1.05473	0.74637	2999.44
1686	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1687	32.5	9	0.10836	0	0	5	2.5	5.58361	1.05473	0.74637	2999.44
1688	32.5	9	0.10836	0	0	5	2.5	5.58361	1.05473	0.74637	2999.44
1689	32.5	9	0.10836	0	0	5	2.5	5.58361	1.05473	0.74637	2999.44
1690	32.5	9	0.10836	0	0	5	2.5	5.58361	1.05473	0.74637	2999.44
1691	32.5	9	0.10836	0	0	5	2.5	5.58361	1.05473	0.74637	2999.44
1692	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1693	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1694	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1695	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1696	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1697	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1698	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1699	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1700	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1701	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1702	25	7.5	0.10836	0	0	12.5	12.5	5.58361	1.05473	0.74637	2999.44
1703	27	7	0.1063	27.5	7.5	5	17.5	5.70175	1.03982	0.83026	2999.44
1704	25	5	0.33341	2.5	2.5	30	22.5	1.89414	1.03866	0.52263	2999.44
1705	30	10	0.10836	37.5	0	5	7.5	4.40288	0.96955	0.66059	2999.44
1706	50	17.5	0.10836	0	0	2.5	5	5.23211	0.99686	0.65181	2999.44
1707	27.5	7.5	0.1063	30	5	10	2.5	4.68986	0.98544	0.72514	2999.44
1708	35	10	0.10836	0	0	5	15	4.17179	1.02617	0.5288	2999.44
1709	30	15	0.01084	0	0	2.5	7.5	4.17179	1.02617	0.5288	2999.44
1710	27.5	7.5	0.10836	7.5	0	15	22.5	5.03104	1.01939	0.71808	2999.44
1711	25	7.5	0.10836	25	10	7.5	12.5	4.36334	0.95883	0.67448	2999.44
1712	37.5	17.5	0.10836	10	2.5	7.5	5	4.04326	0.9605	0.50925	2999.44
1713	35	15	0.01181	20	5	2.5	0	3.81466	0.9436	0.51175	2999.44
1714	30	10	0.1063	40	10	5	7.5	4.62235	1.03234	0.45671	2999.44

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1715	37.5	15	0.03334	7.5	2.5	5	17.5	4.0661	1.02873	0.48065	2999.44
1716	37.5	15	0.03334	7.5	2.5	5	17.5	4.0661	1.02873	0.48065	2999.44
1717	37.5	15	0.03334	7.5	2.5	5	17.5	4.0661	1.02873	0.48065	2999.44
1718	37.5	15	0.03334	7.5	2.5	5	17.5	4.0661	1.02873	0.48065	2999.44
1719	37.5	15	0.03334	7.5	2.5	5	17.5	4.0661	1.02873	0.48065	2999.44
1720	32.5	12.5	0.03334	10	5	2.5	20	3.92914	0.98262	0.44935	2999.44
1721	22.5	7.5	0.10836	0	0	2.5	17.5	5.90886	1.05563	0.8211	2999.44
1722	17.5	2.5	0.33341	12.5	5	17.5	40	3.16806	1.06179	0.53323	2999.45
1723	17.5	2.5	0.33341	12.5	5	17.5	40	3.16806	1.06179	0.53323	2999.45
1724	17.5	2.5	0.33341	12.5	5	17.5	40	3.16806	1.06179	0.53323	2999.45
1725	17.5	2.5	0.33341	12.5	5	17.5	40	3.16806	1.06179	0.53323	2999.45
1726	35	12.5	0.10836	25	7.5	2.5	15	3.73304	1.01697	0.54363	2999.45
1727	30	15	0.03334	0	5	10	12.5	4.11305	1.02756	0.48307	2999.45
1728	25	7.5	0.03334	0	0	2.5	12.5	4.85475	0.95324	0.84356	2999.45
1729	25	7.5	0.03334	0	0	2.5	12.5	4.85475	0.95324	0.84356	2999.45
1730	32.5	5	0.10836	25	7.5	17.5	12.5	5.27267	1.0568	0.94312	2999.45
1731	32.5	5	0.10836	25	7.5	17.5	12.5	5.27267	1.0568	0.94312	2999.45
1732	27.5	7.5	0.10836	2.5	0	5	17.5	4.71514	0.97658	0.75887	2999.45
1733	20	2.5	0.33341	27.5	10	10	15	5.82735	1.03967	0.83275	2999.45
1734	25	2.5	0.33341	32.5	5	25	10	2.01279	1.06334	0.53219	2999.45
1735	22.5	5.5	0.33341	30	10	20	15	2.01279	1.06334	0.53219	2999.45
1736	30	10	0.10836	54.5	5.5	2.5	2.5	4.6479	0.98423	0.72616	2999.45
1737	37.5	17.5	0.01084	5	0	0	5	3.52631	0.97425	0.5212	2999.45
1738	37.5	17.5	0.01084	5	0	0	5	3.52631	0.97425	0.5212	2999.45
1739	32.5	12.5	0.03334	0	0	2.5	7.5	4.41809	0.99473	0.53281	2999.45
1740	42.5	18.5	0.08585	0	0	2.5	2.5	4.41809	0.99473	0.53281	2999.45
1741	25	7.5	0.10836	0	0	2.5	10	5.56994	1.05276	0.73757	2999.45
1742	30	10	0.10836	0	0	10	22.5	5.56994	1.05276	0.73757	2999.45
1743	42.5	2.5	0.10836	0	2.5	2.5	7.5	4.92553	1.05441	1.1658	2999.45
1744	20	5	0.33343	2.5	5	7.5	35	2.86032	1.03718	0.68488	2999.45
1745	20	3.5	1.08358	17.5	10	0.5	44.5	2.22334	1.05588	0.53584	2999.45
1746	20	3.5	1.08358	17.5	10	0.5	44.5	2.22334	1.05588	0.53584	2999.45
1747	20	3.5	1.08358	17.5	10	0.5	44.5	2.22334	1.05588	0.53584	2999.45
1748	35	15	0.10836	2.5	0	7.5	25	4.36613	0.968	0.69058	2999.45
1749	35	15	0.10836	2.5	0	7.5	25	4.36613	0.968	0.69058	2999.45
1750	35	12.5	0.03334	22.5	5	7.5	5	4.23974	0.9625	0.60447	2999.46
1751	27.5	7.5	0.10836	0	0	5	7.5	3.87468	0.97256	0.4733	2999.46
1752	40	15	0.10836	20	12.5	5	17.5	4.57971	0.98214	0.64374	2999.46
1753	30	12.5	0.10836	10	2.5	15	10	5.13502	1.01585	0.69718	2999.46

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1754	30	10	0.10836	0	0	2.5	7.5	4.32027	0.99834	0.73791	2999.46
1755	30	10	0.10836	0	0	2.5	7.5	4.32027	0.99834	0.73791	2999.46
1756	30	7.5	0.10836	2.5	2.5	17.5	43.5	1.41355	1.09673	0.5342	2999.46
1757	30	7.5	0.10836	2.5	2.5	17.5	43.5	1.41355	1.09673	0.5342	2999.46
1758	30	7.5	0.10836	2.5	2.5	17.5	43.5	1.41355	1.09673	0.5342	2999.46
1759	50	5	0.10836	32.5	5	17.5	5	5.0511	0.99891	1.09495	2999.46
1760	30	5	0.10836	0	0	5	5	5.42094	1.04203	0.72597	2999.46
1761	37.5	17.5	0.10836	15	2.5	2.5	12.5	4.31152	0.97629	0.56303	2999.46
1762	40	20	0.10836	15	5	2.5	7.5	3.49035	0.95116	0.4356	2999.46
1763	30	10	0.10836	40	20	5	5	5.39448	0.985	0.7445	2999.46
1764	30	10	0.10836	40	20	5	5	5.39448	0.985	0.7445	2999.46
1765	30	10	0.10836	40	20	5	5	5.39448	0.985	0.7445	2999.46
1766	30	10	0.10836	40	20	5	5	5.39448	0.985	0.7445	2999.46
1767	32.5	10	0.10836	0	2.5	10	17.5	4.43756	0.94816	0.53576	2999.46
1768	25	2.5	0.33343	5	0	10	42.5	2.27047	1.01147	0.6419	2999.46
1769	37.5	17.5	0.10836	2.5	2.5	5	25	4.60274	0.96622	0.77603	2999.46
1770	35	15	0.10836	0	0	2.5	12.5	4.29611	0.9582	0.47931	2999.46
1771	25	2.5	0.33341	2.5	7.5	35	20	2.64786	1.08242	0.63262	2999.46
1772	20	7.5	0.10836	30	0	12.5	15	5.08264	1.01482	0.68166	2999.46
1773	30	2.5	0.10836	25	10	10	5	2.67332	1.10426	0.63617	2999.46
1774	25	7.5	0.10836	0	0	5	15	4.57229	0.97112	0.70089	2999.46
1775	22.5	3.5	0.27506	0	0	5	55	2.08496	1.02424	0.57337	2999.47
1776	27.5	2.5	0.10836	2.5	0	10	22.5	4.69585	0.96767	0.82827	2999.47
1777	17.5	0	1.08358	0	0	25.5	57	4.25983	0.98794	0.86994	2999.47
1778	30	10	0.10836	60	5	2.5	7.5	4.13331	0.96588	0.77005	2999.47
1779	40	15	0.03543	12.5	7.5	2.5	7.5	3.25504	1.02648	0.56657	2999.47
1780	40	17.5	0.10836	0	2.5	0	10	4.9868	0.98164	0.59541	2999.47
1781	40	17.5	0.10836	0	2.5	0	10	4.9868	0.98164	0.59541	2999.47
1782	27.5	7.5	0.10836	10	2.5	10	15	4.96331	0.98577	0.77081	2999.47
1783	27.5	7.5	0.33341	0	0	2.5	7.5	5.2819	1.04057	0.62112	2999.47
1784	20	2.5	0.27506	2.5	2.5	25	27.5	1.86284	1.02761	0.5805	2999.47
1785	27.5	10	0.10836	35	5	7.5	10	5.25427	1.0229	0.74027	2999.47
1786	27.5	10	0.10836	35	5	7.5	10	5.25427	1.0229	0.74027	2999.47
1787	27.5	10	0.10836	35	5	7.5	10	5.25427	1.0229	0.74027	2999.47
1788	27.5	10	0.10836	35	5	7.5	10	5.25427	1.0229	0.74027	2999.47
1789	27.5	10	0.10836	35	5	7.5	10	5.25427	1.0229	0.74027	2999.47
1790	27.5	12.5	0.10836	0	0	0	12.5	5.69406	1.05264	0.75823	2999.47
1791	27.5	7.5	0.33341	0	0	27.5	30	2.02851	1.0351	0.60398	2999.47
1792	20	3.5	0.27506	0	0	17.5	22.5	2.02851	1.0351	0.60398	2999.47

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1793	20	3.5	0.27506	0	0	17.5	22.5	2.02851	1.0351	0.60398	2999.47
1794	25	7.5	0.10836	40	5	10	7.5	4.73143	1.00054	0.80365	2999.47
1795	25	7.5	0.10836	40	5	10	7.5	4.73143	1.00054	0.80365	2999.47
1796	25	7.5	0.10836	40	5	10	7.5	4.73143	1.00054	0.80365	2999.47
1797	37.5	12.5	0.10836	0	2.5	2.5	10	4.96243	1.01351	0.63042	2999.47
1798	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1799	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1800	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1801	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1802	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1803	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1804	35	17.5	0.10836	12.5	0	5	15	4.38098	0.96299	0.625	2999.47
1805	35	12.5	0.1063	0	0	2.5	0	4.34059	0.95379	0.66329	2999.47
1806	32.5	17.5	0.03331	0	0	2.5	5	3.42951	0.97951	0.68511	2999.47
1807	40	20	0.03334	42.5	5	10	5	4.38516	1.0214	0.42417	2999.48
1808	27.5	7.5	0.10836	5	2.5	10	15	4.84985	0.9962	0.70218	2999.48
1809	27.5	7.5	0.10836	5	2.5	10	15	4.84985	0.9962	0.70218	2999.48
1810	27.5	7.5	0.10836	5	2.5	10	15	4.84985	0.9962	0.70218	2999.48
1811	27.5	7.5	0.10836	5	2.5	10	15	4.84985	0.9962	0.70218	2999.48
1812	27.5	7.5	0.10836	5	2.5	10	15	4.84985	0.9962	0.70218	2999.48
1813	27.5	7.5	0.10836	5	2.5	10	15	4.84985	0.9962	0.70218	2999.48
1814	20	5	0.10836	22.5	12.5	5	15	4.73089	0.98937	0.64817	2999.48
1815	35	12.5	0.10836	5	2.5	7.5	15	4.11583	1.00623	0.48712	2999.48
1816	35	12.5	0.03334	5	0	2.5	20	3.58039	1.03834	0.4965	2999.48
1817	25	7.5	0.10836	25	5	12.5	12.5	4.65389	0.97731	0.67732	2999.48
1818	32.5	12.5	0.03331	32.5	5	2.5	10	4.72883	0.97422	0.50879	2999.48
1819	20	2.5	0.33341	32.5	2.5	15	17.5	3.10612	0.99846	0.67631	2999.48
1820	20	3	0.33341	2.5	2.5	27.5	42.5	3.37882	0.99107	0.84891	2999.48
1821	20	3	0.33341	2.5	2.5	27.5	42.5	3.37882	0.99107	0.84891	2999.48
1822	35	5	0.1063	0	5	0	5	5.17492	1.00018	0.95304	2999.48
1823	35	5	0.1063	0	5	0	5	5.17492	1.00018	0.95304	2999.48
1824	35	5	0.1063	0	5	0	5	5.17492	1.00018	0.95304	2999.48
1825	30	7.5	0.10836	7.5	2.5	10	12.5	5.12121	1.01159	0.72942	2999.48
1826	27.5	10	0.10836	52.5	5	5	5	4.77087	0.9621	0.76581	2999.49
1827	27.5	7.5	0.10836	37.5	5	5	10	4.82525	0.98728	0.7232	2999.49
1828	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1829	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1830	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1831	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1832	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1833	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1834	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1835	35	17.5	0.10836	12.5	0	5	15	4.59001	0.97098	0.64972	2999.49
1836	30	10	0.10836	32.5	10	5	10	5.07148	1.00255	0.7367	2999.49
1837	37.5	15	0.10836	0	0	5	10	4.32131	0.94845	0.66915	2999.49
1838	37.5	12.5	0.10836	0	0	2.5	2.5	4.32131	0.94845	0.66915	2999.49
1839	37.5	12.5	0.10836	0	0	2.5	2.5	4.32131	0.94845	0.66915	2999.49
1840	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1841	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1842	42.5	15	0.10836	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1843	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1844	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1845	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1846	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1847	42.5	19	0.09169	0	0	2.5	2.5	4.37509	0.9953	0.45796	2999.49
1848	32.5	12.5	0.03334	10	2.5	2.5	15	4.19154	0.9513	0.59509	2999.49
1849	32.5	12.5	0.03334	10	2.5	2.5	15	4.19154	0.9513	0.59509	2999.49
1850	27.5	7.5	0.10836	5	2.5	10	20	4.19328	0.9449	0.58976	2999.49
1851	22.5	3.5	0.33341	22.5	2.5	0	35	2.81865	1.05708	0.63724	2999.49
1852	27.5	7.5	0.10836	12.5	5	12.5	10	4.50887	0.95539	0.71747	2999.49
1853	25	2.5	0.10836	55	5	5	5	5.64191	1.00344	0.86936	2999.49
1854	50	5	0.33341	50	12.5	7.5	2.5	3.38715	1.00788	1.04024	2999.5
1855	30	12.5	0.10836	12.5	2.5	12.5	7.5	4.82252	0.96255	0.80599	2999.5
1856	25	3.5	0.10836	2.5	0	2.5	10	4.36215	0.99313	0.78187	2999.5
1857	30	7.5	0.10836	47.5	7.5	2.5	7.5	5.8664	1.06143	0.69758	2999.5
1858	35	12.5	0.03331	0	0	5	10	4.32692	0.99467	0.46358	2999.5
1859	35	12.5	0.03334	0	0	5	10	4.32692	0.99467	0.46358	2999.5
1860	37.5	15	0.10836	2.5	0	5	22.5	4.30319	0.9751	0.49957	2999.5
1861	30	10	0.10836	50	5	7.5	10	4.98639	1.00626	0.612	2999.5
1862	20	3.5	1.08358	7.5	5	30	35	1.83502	1.10696	0.4905	2999.5
1863	35	12.5	0.03334	2.5	2.5	5	5	3.93367	0.94984	0.48737	2999.5
1864	35	12.5	0.03334	2.5	2.5	5	5	3.93367	0.94984	0.48737	2999.5
1865	35	20	0.03334	2.5	2.5	7.5	12.5	4.78302	0.98587	0.45181	2999.5
1866	20	4	0.10836	2.5	2.5	7.5	39.5	2.55935	1.03718	0.62268	2999.51
1867	25	7.5	0.10836	57.5	5	2.5	7.5	5.0222	0.98899	0.74949	2999.51
1868	25	7.5	0.10836	57.5	5	2.5	7.5	5.0222	0.98899	0.74949	2999.51
1869	27.5	9	0.10836	5	5	5	15	4.16048	0.97322	0.58778	2999.51
1870	27.5	9	0.10836	5	5	5	15	4.16048	0.97322	0.58778	2999.51

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1871	27.5	9	0.10836	5	5	5	15	4.16048	0.97322	0.58778	2999.51
1872	25	7.5	0.10836	0	0	5	15	4.40101	0.94506	0.68812	2999.51
1873	37.5	15	0.03543	0	0	5	12.5	4.40101	0.94506	0.68812	2999.51
1874	32.5	12.5	0.10836	0	0	12.5	7.5	4.37499	0.97783	0.77018	2999.51
1875	30	12.5	0.10831	0	0	2.5	0	4.37499	0.97783	0.77018	2999.51
1876	32.5	10	0.10836	0	0	2.5	7.5	4.37499	0.97783	0.77018	2999.51
1877	30	12.5	0.1063	0	0	0	2.5	4.37499	0.97783	0.77018	2999.51
1878	22.5	2.5	0.33343	0	0	22.5	30	2.10967	1.02948	0.62609	2999.51
1879	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1880	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1881	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1882	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1883	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1884	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1885	7	0	0.33341	35	2.5	5	7.5	4.97646	0.97803	0.89941	2999.51
1886	30	7.5	0.10836	32.5	5	10	10	4.91331	0.97232	0.71105	2999.51
1887	30	10	0.10836	27.5	10	10	10	4.98552	0.99246	0.69048	2999.51
1888	30	10	0.10836	5	5	20	10	5.07617	0.98094	0.79222	2999.51
1889	25	2.5	0.10836	12.5	0	2.5	15	5.07617	0.98094	0.79222	2999.51
1890	27.5	7.5	0.10836	12.5	0	7.5	20	5.07617	0.98094	0.79222	2999.51
1891	27.5	7.5	0.10836	12.5	0	7.5	20	5.07617	0.98094	0.79222	2999.51
1892	30	12.5	0.10836	50	10	2.5	7.5	5.396	0.9615	0.83809	2999.51
1893	37.5	12.5	0.10836	0	0	2.5	2.5	4.20672	0.97532	0.68396	2999.51
1894	37.5	12.5	0.10836	0	0	2.5	2.5	4.20672	0.97532	0.68396	2999.51
1895	37.5	12.5	0.10836	0	0	2.5	5	4.20672	0.97532	0.68396	2999.51
1896	32.5	15	0.10836	0	0	2.5	2.5	4.9744	0.98629	0.54336	2999.51
1897	42.5	15	0.10836	0	0	0	2.5	4.9744	0.98629	0.54336	2999.51
1898	27.5	7.5	0.10836	0	0	5	12.5	5.0714	0.99343	0.76168	2999.51
1899	30	10	0.10836	20	5	7.5	22.5	5.35666	1.02968	0.62756	2999.51
1900	32.5	10	0.10836	25	10	15	12.5	4.49859	0.964	0.69017	2999.51
1901	32.5	10	0.10836	25	10	15	12.5	4.49859	0.964	0.69017	2999.51
1902	22.5	3	0.10836	17.5	5	12.5	15	4.67434	1.00575	1.15352	2999.52
1903	32.5	15	0.03334	25	2.5	7.5	7.5	5.18251	1.03987	0.51364	2999.52
1904	32	8.5	0.10836	0	0	2.5	2.5	4.42827	0.95495	0.68856	2999.52
1905	42.5	17.5	0.03543	15	5	5	5	4.14959	0.98691	0.46805	2999.52
1906	25	2.5	0.33341	2.5	2.5	32.5	20	2.68811	1.02868	0.68138	2999.52
1907	25	2.5	0.33341	2.5	2.5	32.5	20	2.68811	1.02868	0.68138	2999.52
1908	20	3.5	0.10836	2.5	2.5	12.5	32.5	2.68811	1.02868	0.68138	2999.52
1909	36	15.5	0.10836	0	0	5	2.5	5.07878	1.00648	0.62263	2999.52

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1910	36	15.5	0.10836	0	0	5	2.5	5.07878	1.00648	0.62263	2999.52
1911	31	12	0.10836	2.5	2.5	5	12.5	4.0734	0.93505	0.48384	2999.52
1912	40	15	0.03543	25	5	2.5	15	3.986	0.98017	0.49724	2999.52
1913	40	15	0.03543	25	5	2.5	15	3.986	0.98017	0.49724	2999.52
1914	30	12	0.10831	0	0	5	25	5.02767	0.97136	0.79034	2999.52
1915	30	12	0.10831	0	0	5	25	5.02767	0.97136	0.79034	2999.52
1916	30	12	0.10831	0	0	5	25	5.02767	0.97136	0.79034	2999.52
1917	30	12	0.10831	0	0	10	20	5.02767	0.97136	0.79034	2999.52
1918	30	7.5	0.10836	0	0	5	15	5.02767	0.97136	0.79034	2999.52
1919	38	20	0.10836	5	5	5	17.5	4.33107	0.94421	0.61365	2999.52
1920	27.5	5	0.10836	10	5	15	5	4.0882	0.96761	0.60723	2999.52
1921	35	15	0.10836	7.5	0	10	5	3.71326	0.95193	0.44093	2999.52
1922	37.5	17.5	0.03543	50	7.5	2.5	5	4.04154	0.9348	0.50362	2999.53
1923	31.5	11.5	0.10836	2.5	0	2.5	5	4.87552	1.01215	0.61417	2999.53
1924	22.5	7.5	0.10836	2.5	0	0	12.5	4.92111	1.00698	0.88902	2999.53
1925	25	5	0.10836	5	2.5	7.5	20	4.69754	1.00153	0.91836	2999.53
1926	35	5	0.10836	57.5	7.5	5	10	4.57208	1.03539	1.11287	2999.53
1927	30	7.5	0.1063	7.5	0	5	12.5	4.51895	0.95523	0.69641	2999.53
1928	42.5	22.5	0.01084	5	0	2.5	12.5	3.15483	1.07778	0.42839	2999.53
1929	32.5	10	0.1063	0	0	2.5	2.5	4.3431	0.95132	0.5593	2999.53
1930	30	7.5	0.1063	0	0	7.5	17.5	5.17635	1.02468	0.89045	2999.53
1931	25	5	0.33341	5	0	22	22.5	2.95652	1.01643	0.59779	2999.53
1932	25	5	0.10836	12.5	5	17.5	10	5.28224	1.01852	0.62476	2999.53
1933	30	10	0.10836	0	0	5	12.5	5.01181	0.96806	0.78671	2999.53
1934	30	7.5	0.03334	0	0	5	15	5.01181	0.96806	0.78671	2999.53
1935	32.5	12.5	0.10836	0	0	0	5	5.01181	0.96806	0.78671	2999.53
1936	32.5	12.5	0.10836	0	0	0	5	5.01181	0.96806	0.78671	2999.53
1937	32.5	12.5	0.10836	0	0	0	5	5.01181	0.96806	0.78671	2999.53
1938	32.5	12.5	0.10836	0	0	0	5	5.01181	0.96806	0.78671	2999.53
1939	32.5	12.5	0.10836	0	0	0	5	5.01181	0.96806	0.78671	2999.53
1940	32.5	12.5	0.10836	0	0	0	5	5.01181	0.96806	0.78671	2999.53
1941	32.5	12.5	0.03334	2.5	2.5	0	20	3.57811	0.96896	0.53333	2999.53
1942	30	5	0.10836	2.5	2.5	10	20	3.56196	1.01359	0.66963	2999.53
1943	30	7.5	0.1063	10	2.5	2.5	15	4.91174	0.97872	0.73282	2999.53
1944	35	12.5	0.03334	30	5	10	10	4.27442	0.94548	0.5392	2999.53
1945	35	12.5	0.03334	30	5	10	10	4.27442	0.94548	0.5392	2999.53
1946	30	2.5	0.10836	52.5	5	7.5	7.5	5.03348	0.98827	0.69505	2999.53
1947	42.5	17.5	0.01084	2.5	2.5	2.5	7.5	3.47211	0.97326	0.48323	2999.53
1948	37.5	17.5	0.03334	2.5	2.5	2.5	22.5	4.51581	0.94366	0.5166	2999.53

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1949	32.5	12.5	0.03334	2.5	2.5	5	17.5	4.51581	0.94366	0.5166	2999.53
1950	30	12.5	0.10836	25	5	7.5	15	4.17204	0.96969	0.65148	2999.54
1951	30	10	0.10836	50	5	7.5	7.5	5.52813	1.03769	0.61353	2999.54
1952	30	10	0.10836	50	5	7.5	7.5	5.52813	1.03769	0.61353	2999.54
1953	25	5	0.10831	20	5	10	10	5.8439	1.04923	0.68043	2999.54
1954	30	7	0.1063	2.5	2.5	5	5	5.0319	0.98523	0.71827	2999.54
1955	29	10	0.10836	5	5	2.5	20	5.11557	0.96256	0.69205	2999.54
1956	27.5	7.5	0.10836	7.5	2.5	12.5	17.5	5.11557	0.96256	0.69205	2999.54
1957	27.5	7.5	0.10836	7.5	2.5	12.5	17.5	5.11557	0.96256	0.69205	2999.54
1958	27.5	7.5	0.10836	7.5	2.5	12.5	17.5	5.11557	0.96256	0.69205	2999.54
1959	27.5	7.5	0.10836	7.5	2.5	12.5	17.5	5.11557	0.96256	0.69205	2999.54
1960	27.5	7.5	0.10836	7.5	2.5	12.5	17.5	5.11557	0.96256	0.69205	2999.54
1961	47.5	22.5	0.10836	0	0	2.5	5	4.60655	0.97317	0.5132	2999.54
1962	47.5	22.5	0.10836	0	0	2.5	5	4.60655	0.97317	0.5132	2999.54
1963	47.5	22.5	0.10836	0	0	2.5	5	4.60655	0.97317	0.5132	2999.54
1964	47.5	22.5	0.10836	0	0	2.5	5	4.60655	0.97317	0.5132	2999.54
1965	47.5	22.5	0.10836	0	0	2.5	5	4.60655	0.97317	0.5132	2999.54
1966	47.5	22.5	0.10836	0	0	2.5	5	4.60655	0.97317	0.5132	2999.54
1967	25	5	0.33343	2.5	0	7.5	22.5	5.26056	0.98914	0.96726	2999.54
1968	25	7.5	0.10836	30	5	10	10	5.8939	1.04483	0.76896	2999.54
1969	25	7.5	0.10836	30	5	10	10	5.8939	1.04483	0.76896	2999.54
1970	25	5	0.33343	2.5	2.5	32.5	25	3.33993	0.97624	0.56006	2999.54
1971	22.5	8.5	0.27506	0	5	12.5	40	3.33993	0.97624	0.56006	2999.54
1972	35	15	0.10831	5	2.5	10	12.5	4.77047	0.97654	0.52647	2999.54
1973	35	15	0.10831	5	2.5	10	12.5	4.77047	0.97654	0.52647	2999.54
1974	30	12.5	0.10836	5	2.5	7.5	15	4.60494	0.98159	0.507	2999.54
1975	30	12.5	0.10836	5	2.5	7.5	15	4.60494	0.98159	0.507	2999.54
1976	30	12.5	0.10836	5	2.5	7.5	15	4.60494	0.98159	0.507	2999.54
1977	32.5	7.5	0.10836	7.5	0	0	12.5	3.93605	0.96587	0.78648	2999.54
1978	32.5	7.5	0.10836	7.5	0	0	12.5	3.93605	0.96587	0.78648	2999.54
1979	22.5	7.5	0.10836	20	20	10	20	1.38962	1.16788	0.46728	2999.54
1980	22.5	7.5	0.10836	20	20	10	20	1.38962	1.16788	0.46728	2999.54
1981	25	7.5	0.10836	22.5	5	7.5	15	5.44215	1.01014	0.7257	2999.54
1982	25	7.5	0.10836	22.5	5	7.5	15	5.44215	1.01014	0.7257	2999.54
1983	20	2.5	0.10836	12.5	2.5	15	17.5	3.81858	1.02976	0.92745	2999.54
1984	25	7.5	0.10836	45	7.5	12.5	10	4.70715	0.96407	0.84075	2999.54
1985	23	5	0.33341	0	1	2	36.5	2.32273	1.03561	0.59798	2999.54
1986	23	5	0.33341	0	1	2	36.5	2.32273	1.03561	0.59798	2999.54
1987	37.5	17.5	0.10836	0	7.5	7.5	15	4.54829	0.9766	0.49686	2999.54

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
1988	37.5	17.5	0.10836	0	7.5	7.5	15	4.54829	0.9766	0.49686	2999.54
1989	27.5	7.5	0.91688	47.5	17.5	15	2.5	0.89773	1.14492	0.38764	2999.55
1990	35	12.5	0.03334	20	10	12.5	12.5	5.01944	1.01396	0.60617	2999.55
1991	22.5	2.5	1.08661	2.5	0	32.5	30	4.29151	0.96352	0.70628	2999.55
1992	22.5	2.5	1.08661	2.5	0	32.5	30	4.29151	0.96352	0.70628	2999.55
1993	22.5	2.5	1.08661	2.5	0	32.5	30	4.29151	0.96352	0.70628	2999.55
1994	25	5	0.1063	42.5	7.5	5	5	4.02504	0.94129	0.4641	2999.55
1995	25	5	0.1063	42.5	7.5	5	5	4.02504	0.94129	0.4641	2999.55
1996	30	10	0.10836	77.5	5	5	2.5	4.23394	0.96898	0.76845	2999.55
1997	30	5	0.10836	25	2.5	10	12.5	4.95288	0.97897	0.66889	2999.55
1998	35	10	0.10836	0	2.5	0	27.5	4.34389	0.98771	0.88118	2999.55
1999	24	7	0.33341	0	1	16.5	37.5	1.7459	1.05799	0.51648	2999.55
2000	32.5	12.5	0.03334	27.5	5	7.5	12.5	4.17084	0.99514	0.61855	2999.55
2001	32.5	12.5	0.10836	0	2.5	20	15	5.43693	1.00854	0.73744	2999.55
2002	35	2.5	0.1063	35	5	2.5	5	4.73679	1.01956	1.34758	2999.55
2003	30	7.5	0.10836	27.5	5	7.5	15	4.91024	0.96564	0.75833	2999.55
2004	52.5	32.5	0.03334	0	0	2.5	2.5	3.77476	0.96498	0.41664	2999.55
2005	37.5	17.5	0.01084	27.5	5	12.5	10	4.68886	0.97959	0.55102	2999.55
2006	32.5	15	0.03334	0	2.5	5	17.5	3.82244	0.96865	0.50125	2999.55
2007	42.5	17.5	0.10836	2.5	0	5	17.5	3.82244	0.96865	0.50125	2999.55
2008	25	7.5	0.10836	0	0	10	20	4.99909	0.95928	0.80063	2999.55
2009	25	7.5	0.10836	27.5	0	7.5	2.5	5.20046	0.99099	0.7548	2999.55
2010	35	15	0.03334	0	2.5	2.5	5	4.0582	0.97253	0.52537	2999.56
2011	35	15	0.03334	0	2.5	2.5	5	4.0582	0.97253	0.52537	2999.56
2012	27.5	7.5	0.10836	10	0	5	20	5.08924	0.97139	0.82512	2999.56
2013	27.5	7.5	0.10836	10	0	5	20	5.08924	0.97139	0.82512	2999.56
2014	27.5	7.5	0.10836	10	0	5	20	5.08924	0.97139	0.82512	2999.56
2015	30	10	0.10836	7.5	0	22.5	15	5.08924	0.97139	0.82512	2999.56
2016	30	10	0.10836	7.5	0	22.5	15	5.08924	0.97139	0.82512	2999.56
2017	32.5	5	0.1063	0	0	2.5	0	5.09889	0.95827	0.80273	2999.56
2018	27.5	7.5	0.03334	0	0	5	12.5	5.09889	0.95827	0.80273	2999.56
2019	27.5	7.5	0.03334	0	0	5	12.5	5.09889	0.95827	0.80273	2999.56
2020	32.5	5	0.10836	0	0	2.5	0	5.09889	0.95827	0.80273	2999.56
2021	32.5	5	0.10836	0	0	2.5	0	5.09889	0.95827	0.80273	2999.56
2022	32.5	5	0.10836	0	0	2.5	0	5.09889	0.95827	0.80273	2999.56
2023	32.5	5	0.10836	0	0	2.5	0	5.09889	0.95827	0.80273	2999.56
2024	32.5	5	0.10836	0	0	2.5	0	5.09889	0.95827	0.80273	2999.56
2025	32.5	7.5	0.10836	2.5	7.5	5	15	5.07526	0.98643	0.66752	2999.56
2026	32.5	15	0.10831	0	0	2.5	0	4.93613	0.99101	0.81094	2999.56

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2027	32.5	15	0.1063	0	0	0	2.5	4.93613	0.99101	0.81094	2999.56
2028	27.5	7.5	0.10836	37.5	0	17.5	5	4.9968	0.96603	0.82855	2999.56
2029	27.5	7.5	0.10836	0	5	5	17.5	4.59952	0.97417	0.65608	2999.56
2030	27.5	7.5	0.10836	0	5	5	17.5	4.59952	0.97417	0.65608	2999.56
2031	32.5	12.5	0.10836	0	0	2.5	0	4.37756	0.93814	0.57485	2999.56
2032	27.5	12.5	0.03334	10	0	10	10	4.57025	0.94865	0.50527	2999.56
2033	27.5	12.5	0.03543	10	0	10	10	4.57025	0.94865	0.50527	2999.56
2034	37.5	17.5	0.03334	25	5	10	12.5	4.62263	0.96419	0.53173	2999.56
2035	37.5	17.5	0.03334	25	5	10	12.5	4.62263	0.96419	0.53173	2999.56
2036	37.5	17.5	0.03334	25	5	10	12.5	4.62263	0.96419	0.53173	2999.56
2037	0	0	1.08354	2.5	0	27.5	52.5	3.90716	1.01151	0.86773	2999.56
2038	40	17.5	0.03334	27.5	12.5	7.5	5	3.52675	1.00205	0.49926	2999.56
2039	25	10	0.10836	12.5	2.5	10	15	4.50872	0.94495	0.65086	2999.56
2040	27.5	7.5	0.10836	30	5	7.5	12.5	4.70304	0.96365	0.62723	2999.56
2041	25	2.5	0.10836	45	10	5	10	5.15321	0.97479	0.92664	2999.56
2042	27.5	7.5	0.10836	5	2.5	7.5	20	4.46338	0.94766	0.57982	2999.56
2043	30	2.5	0.09449	0	0	5	7.5	5.29587	1.00262	0.59183	2999.56
2044	42.5	20	0.03331	0	0	2.5	0	5.29587	1.00262	0.59183	2999.56
2045	30	5	0.1063	15	10	5	7.5	5.22526	0.97846	1.0779	2999.56
2046	25	5	0.10836	5	5	10	20	5.61411	0.99532	0.87298	2999.56
2047	37.5	17.5	0.03189	2.5	0	2.5	15	4.0976	0.92257	0.44767	2999.56
2048	27.5	7.5	0.10836	50	5	5	7.5	5.67942	0.99843	0.85455	2999.56
2049	22.5	2.5	0.10836	17.5	5	5	17.5	4.89946	1.00306	0.58351	2999.56
2050	35	7	0.09449	2.5	2.5	5	8	5.18972	1.01	0.91674	2999.56
2051	27.5	7.5	0.10836	35	5	7.5	10	5.29382	1.00804	0.62857	2999.57
2052	27.5	7.5	0.10836	35	5	7.5	10	5.29382	1.00804	0.62857	2999.57
2053	25	7.5	0.10836	10	2.5	7.5	20	5.21415	0.98666	0.79556	2999.57
2054	38	15	0.10836	0	0	2.5	5	5.04752	0.98649	0.61778	2999.57
2055	38	15	0.10836	0	0	2.5	5	5.04752	0.98649	0.61778	2999.57
2056	27.5	7.5	0.10836	0	0	2.5	10	5.28509	0.97659	0.90596	2999.57
2057	25	7.5	0.10836	10	10	10	10	4.40915	0.95999	0.62975	2999.57
2058	32.5	7.5	0.10836	10	0	10	17.5	4.97489	0.95301	0.78805	2999.57
2059	29	10.5	0.10836	0	0	7.5	20	1.43202	1.03817	0.46325	2999.57
2060	27.5	2.5	0.10836	15	7.5	5	17.5	2.55058	1.04726	0.64195	2999.57
2061	7	0	0.10836	7.5	2.5	5	12.5	5.63328	1.01108	1.25471	2999.57
2062	16	3	0.23622	37.5	5	0	7.5	1.22936	1.14018	0.98264	2999.57
2063	40	17.5	0.03543	5	7.5	2.5	15	3.7728	0.97118	0.52507	2999.57
2064	25	5	0.1063	7.5	2.5	17.5	15	4.62675	0.98025	0.7616	2999.57
2065	25	7.5	0.1063	40	10	5	7.5	4.13708	0.9841	0.62195	2999.57

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2066	25	7.5	0.1063	40	10	5	7.5	4.13708	0.9841	0.62195	2999.57
2067	25	7.5	0.1063	40	10	5	7.5	4.13708	0.9841	0.62195	2999.57
2068	40	15	0.03331	2.5	0	2.5	7.5	4.05114	0.95825	0.47657	2999.57
2069	27.5	7.5	0.10836	0	0	2.5	17.5	5.09589	0.95484	0.80943	2999.58
2070	7	0	0.33071	25	10	22.5	20	4.99052	0.98954	0.84094	2999.58
2071	27.5	10	0.10836	35	7.5	5	7.5	5.00983	0.98513	0.73888	2999.58
2072	27.5	10	0.10836	35	7.5	5	7.5	5.00983	0.98513	0.73888	2999.58
2073	27.5	10	0.10836	35	7.5	5	7.5	5.00983	0.98513	0.73888	2999.58
2074	27.5	7.5	0.10836	30	5	7.5	10	5.00825	0.97852	0.64089	2999.58
2075	27.5	7.5	0.10836	30	5	7.5	10	5.00825	0.97852	0.64089	2999.58
2076	27.5	7.5	0.10836	30	5	7.5	10	5.00825	0.97852	0.64089	2999.58
2077	27.5	7.5	0.10836	10	2.5	20	12.5	4.8551	0.96007	0.73522	2999.58
2078	42.5	15	0.10836	0	0	0	2.5	4.39481	0.94405	0.50029	2999.58
2079	37.5	15	0.03334	0	0	2.5	7.5	4.39481	0.94405	0.50029	2999.58
2080	40	20	0.10831	0	0	5	25	4.39481	0.94405	0.50029	2999.58
2081	40	20	0.10831	0	0	5	25	4.39481	0.94405	0.50029	2999.58
2082	32.5	10	0.10836	0	0	2.5	15	4.90387	0.97394	0.61669	2999.58
2083	37.5	17.5	0.10836	17.5	5	5	17.5	3.87262	0.99206	0.51776	2999.58
2084	30	15	0.10836	2.5	0	10	22.5	4.8753	0.96743	0.62224	2999.58
2085	25	7.5	0.10836	20	10	7.5	12.5	4.29707	0.95754	0.64008	2999.58
2086	30	7.5	0.10836	0	0	5	15	3.76686	0.97136	0.55786	2999.58
2087	27.5	7.5	0.10836	17.5	0	12.5	15	4.87021	0.98627	0.78014	2999.58
2088	30	10	0.10836	2.5	2.5	2.5	5	5.88661	1.03164	0.72914	2999.58
2089	20	2.5	0.10836	32.5	5	20	17.5	2.32618	1.02183	0.61839	2999.58
2090	26	8	0.33071	40	5	5	5	5.11221	0.96131	0.81103	2999.58
2091	32.5	12.5	0.10836	0	0	0	2.5	4.11236	0.96665	0.72182	2999.58
2092	32.5	12.5	0.10836	0	0	0	2.5	4.11236	0.96665	0.72182	2999.58
2093	32.5	12.5	0.10836	0	0	0	2.5	4.11236	0.96665	0.72182	2999.58
2094	32.5	12.5	0.10836	0	0	0	2.5	4.11236	0.96665	0.72182	2999.58
2095	32.5	12.5	0.10836	0	0	0	2.5	4.11236	0.96665	0.72182	2999.58
2096	32.5	12.5	0.1063	2.5	0	2.5	17.5	5.6572	1.00246	0.76727	2999.58
2097	45	20	0.10836	0	0	0	2.5	4.90766	1.00418	0.46081	2999.58
2098	45	20	0.10836	0	0	0	2.5	4.90766	1.00418	0.46081	2999.58
2099	32.5	12.5	0.10836	12.5	0	7.5	15	5.58378	1.01913	0.64971	2999.58
2100	32.5	12.5	0.10836	12.5	0	7.5	15	5.58378	1.01913	0.64971	2999.58
2101	30	10	0.10836	12.5	0	10	17.5	5.58378	1.01913	0.64971	2999.58
2102	30	12.5	0.10836	2.5	5	5	12.5	4.33018	0.94515	0.48402	2999.58
2103	30	12.5	0.10836	27.5	10	7.5	12.5	4.84619	0.95393	0.83779	2999.58
2104	30	12.5	0.10836	27.5	10	7.5	12.5	4.84619	0.95393	0.83779	2999.58

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2105	27.5	10	0.10836	12.5	0	7.5	17.5	5.3209	0.99101	0.68325	2999.58
2106	25	5	0.10836	2.5	5	12.5	15	4.45143	0.9617	0.66293	2999.58
2107	32.5	10	0.10836	2.5	0	2.5	10	3.97822	0.93483	0.43126	2999.58
2108	32.5	12.5	0.03334	40	5	2.5	10	4.12488	0.93582	0.45245	2999.58
2109	27.5	10	0.10836	10	0	10	5	4.80009	0.979	0.69652	2999.58
2110	27.5	10	0.10836	10	0	10	5	4.80009	0.979	0.69652	2999.58
2111	27.5	10	0.10836	10	0	10	5	4.80009	0.979	0.69652	2999.58
2112	20	3.5	0.10836	1	0	4	60.5	2.51117	1.02802	0.64349	2999.58
2113	27.5	7.5	0.10836	12.5	0	17.5	10	5.61227	1.0002	0.94115	2999.59
2114	30	12.5	0.03334	0	0	2.5	7.5	3.37002	0.98027	0.50235	2999.59
2115	30	10	0.03334	57.5	5	12.5	7.5	4.70672	0.94442	0.69303	2999.59
2116	32.5	12.5	0.10836	2.5	0	0	12.5	4.29938	0.93004	0.53327	2999.59
2117	27.5	7.5	0.10836	12.5	0	10	15	4.95631	0.99006	0.75058	2999.59
2118	30	12.5	0.10836	12.5	0	10	12.5	4.95631	0.99006	0.75058	2999.59
2119	30	12.5	0.10836	12.5	0	10	12.5	4.95631	0.99006	0.75058	2999.59
2120	35	15	0.10836	0	0	2.5	2.5	4.77086	0.9533	0.60739	2999.59
2121	32.5	12.5	0.03334	0	0	2.5	7.5	4.77086	0.9533	0.60739	2999.59
2122	32.5	12.5	0.03334	0	0	2.5	7.5	4.77086	0.9533	0.60739	2999.59
2123	30	5	0.10836	7.5	2.5	5	10	5.14565	0.98964	0.81624	2999.59
2124	30	5	0.10836	7.5	2.5	5	10	5.14565	0.98964	0.81624	2999.59
2125	30	7.5	0.10836	47.5	5	10	5	4.25497	0.97418	0.7236	2999.59
2126	30	5	0.1063	45	20	2.5	7.5	4.36606	0.96509	0.71142	2999.59
2127	25	7.5	0.10836	0	0	10	22.5	5.37456	0.98206	0.85336	2999.59
2128	25	5	0.1063	0	0	10	22.5	5.37456	0.98206	0.85336	2999.59
2129	25	2.5	0.1063	0	2.5	5	12.5	5.69588	1.00112	1.10424	2999.59
2130	25	7.5	0.10836	5	0	20	15	5.60971	0.95167	0.86047	2999.59
2131	22.5	2.5	0.33341	50	7.5	10	15	3.12411	1.03733	0.75051	2999.59
2132	25	5	0.10836	17.5	2.5	15	5	4.93876	0.96625	0.65326	2999.59
2133	25	5	0.10836	27.5	10	5	10	4.84516	0.97167	0.79921	2999.59
2134	27.5	12.5	0.10831	5	5	15	32.5	4.77706	0.97143	0.61474	2999.59
2135	27.5	12.5	0.10836	5	5	15	32.5	4.77706	0.97143	0.61474	2999.59
2136	19	3	0.27506	22.5	2.5	15	11.5	4.98284	0.98487	0.84587	2999.59
2137	19	3	0.27506	22.5	2.5	15	11.5	4.98284	0.98487	0.84587	2999.59
2138	35	15	0.01084	0	0	5	17.5	4.42652	0.94737	0.49645	2999.59
2139	40	15	0.03331	0	0	0	5	4.42652	0.94737	0.49645	2999.59
2140	40	22.5	0.10836	0	0	2.5	5	4.42652	0.94737	0.49645	2999.59
2141	42.5	22.5	0.03334	0	0	0	5	4.42652	0.94737	0.49645	2999.59
2142	42.5	22.5	0.03334	0	0	0	5	4.42652	0.94737	0.49645	2999.59
2143	42.5	22.5	0.03334	0	0	0	5	4.42652	0.94737	0.49645	2999.59

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2144	42.5	22.5	0.03334	0	0	0	5	4.42652	0.94737	0.49645	2999.59
2145	42.5	22.5	0.03334	0	0	0	5	4.42652	0.94737	0.49645	2999.59
2146	35	15	0.01084	5	2.5	2.5	27.5	3.31927	0.96988	0.62887	2999.59
2147	30	10	0.10831	15	10	10	7.5	4.6162	0.95838	0.67515	2999.59
2148	25	10	0.10836	10	5	7.5	10	5.46806	0.99565	0.77411	2999.59
2149	34	14	0.10836	5	0	7.5	20	4.71344	0.95222	0.62583	2999.59
2150	34	14	0.10836	5	0	7.5	20	4.71344	0.95222	0.62583	2999.59
2151	40	12.5	0.33071	30	5	7.5	12.5	5.22942	0.97266	0.87113	2999.59
2152	39	16	0.10836	0	0	2.5	7.5	4.01581	0.94791	0.50352	2999.59
2153	37.5	17.5	0.10836	0	0	5	15	4.01581	0.94791	0.50352	2999.59
2154	37.5	17.5	0.10836	0	0	5	15	4.01581	0.94791	0.50352	2999.59
2155	20	3.5	0.10836	12.5	5	17.5	17.5	2.57616	1.0172	0.67339	2999.59
2156	25	5	0.33341	35	5	10	10	5.62475	0.96795	0.92658	2999.59
2157	27.5	7.5	0.10836	22.5	5	7.5	12.5	5.45195	0.99688	0.71497	2999.6
2158	25	7.5	0.10836	30	5	15	5	5.10131	0.98401	0.61	2999.6
2159	40	20	0.10831	5	2.5	7.5	7.5	3.18221	0.96925	0.56318	2999.6
2160	30	2.5	0.10836	7.5	5	7.5	20	4.53516	0.96468	0.68744	2999.6
2161	20	13	0.10831	10	0	12.5	17.5	4.89483	0.96805	0.76437	2999.6
2162	32.5	12.5	0.10836	0	0	2.5	7.5	4.19524	0.9709	0.52104	2999.6
2163	32.5	12.5	0.10836	0	0	2.5	7.5	4.19524	0.9709	0.52104	2999.6
2164	27.5	7.5	0.10836	12.5	0	10	10	5.10247	0.96696	0.73588	2999.6
2165	40	15	0.10836	47.5	10	5	7.5	5.42285	1.03265	0.52592	2999.6
2166	37.5	12.5	0.03331	32.5	2.5	7.5	15	4.46564	0.94991	0.52066	2999.6
2167	30	10	0.1063	7.5	0	5	7.5	4.71827	0.94227	0.67532	2999.6
2168	30	10	0.1063	7.5	0	5	7.5	4.71827	0.94227	0.67532	2999.6
2169	30	10	0.1063	7.5	0	5	7.5	4.71827	0.94227	0.67532	2999.6
2170	27.5	7.5	0.10836	17.5	5	7.5	20	4.77944	0.9507	0.64858	2999.6
2171	32.5	7.5	0.03331	0	2.5	2.5	10	5.23375	0.97869	0.7239	2999.6
2172	30	7.5	0.10836	0	2.5	0	7.5	5.23375	0.97869	0.7239	2999.6
2173	35	10	0.03331	0	2.5	2.5	10	5.23375	0.97869	0.7239	2999.6
2174	30	12.5	0.10836	22.5	5	5	10	4.77573	0.97127	0.70386	2999.6
2175	37.5	15	0.10836	0	0	5	10	4.49416	0.93864	0.57619	2999.6
2176	34.5	9	0.10836	25	10	2.5	10	5.5524	0.98979	1.15182	2999.6
2177	25	5	0.10836	37.5	5	5	10	4.79659	0.97074	0.97443	2999.6
2178	40	5	0.10836	27.5	5	5	12.5	5.76646	1.01274	0.7563	2999.6
2179	30	10	0.10836	55	5	2.5	10	5.65506	1.00387	0.7568	2999.6
2180	35	2.5	0.33341	57.5	7.5	5	5	5.68416	1.02517	1.00984	2999.6
2181	30	2.5	0.10836	70	10	2.5	2.5	4.67619	0.93754	0.72837	2999.6
2182	17.5	2.5	0.33341	5	2.5	12.5	45	1.78172	1.02427	0.54049	2999.6

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2183	30	10	0.10836	42.5	5	12.5	10	5.02691	0.96557	0.67753	2999.6
2184	45	25.5	0.01084	1	1.5	0	10	3.6658	0.95024	0.44172	2999.6
2185	30	12.5	0.03334	12.5	0	7.5	12.5	4.66341	0.96395	0.667	2999.61
2186	32.5	12.5	0.03334	10	5	2.5	12.5	4.58184	0.93713	0.63216	2999.61
2187	32.5	12.5	0.03334	10	5	5	12.5	4.58184	0.93713	0.63216	2999.61
2188	27.5	7.5	0.10836	10	7.5	10	17.5	5.43054	0.99003	0.74024	2999.61
2189	25	7.5	0.10836	32.5	5	12.5	5	4.82032	0.95049	0.83085	2999.61
2190	30	10	0.10836	22.5	5	7.5	12.5	5.11059	0.98192	0.65992	2999.61
2191	35	10	0.03331	0	2.5	2.5	10	4.93422	0.97581	0.66005	2999.61
2192	40	20	0.03334	0	0	5	5	5.18838	0.99376	0.58246	2999.61
2193	35	12.5	0.1063	37.5	5	2.5	10	4.94725	0.95729	0.6883	2999.61
2194	40	10	0.10836	12.5	5	5	12.5	4.09056	0.94488	0.48879	2999.61
2195	40	10	0.10836	15	2.5	5	12.5	4.09056	0.94488	0.48879	2999.61
2196	35	17.5	0.10836	2.5	0	2.5	17.5	4.43872	0.94925	0.59707	2999.61
2197	35	17.5	0.10836	2.5	0	2.5	17.5	4.43872	0.94925	0.59707	2999.61
2198	27.5	12.5	0.10836	2.5	2.5	5	15	5.26329	0.98058	0.69339	2999.61
2199	27.5	12.5	0.10836	2.5	2.5	5	15	5.26329	0.98058	0.69339	2999.61
2200	35	13	0.10836	2.5	2.5	5	22.5	4.71191	0.97916	0.56596	2999.61
2201	35	13	0.10836	2.5	2.5	5	22.5	4.71191	0.97916	0.56596	2999.61
2202	39.5	14	0.10836	5	0	2.5	8.5	4.71191	0.97916	0.56596	2999.61
2203	39.5	14	0.10836	5	0	2.5	8.5	4.71191	0.97916	0.56596	2999.61
2204	30	10	0.10836	20	2.5	7.5	5	4.49787	0.92611	0.58817	2999.61
2205	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2206	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2207	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2208	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2209	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2210	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2211	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2212	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2213	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2214	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2215	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2216	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2217	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2218	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2219	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2220	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61
2221	30	5	0.10836	2.5	0	5	7.5	5.41253	0.99602	1.12076	2999.61

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2222	27.5	7.5	0.10836	20	7.5	7.5	15	5.15659	0.96967	0.63589	2999.61
2223	30	10	0.10836	5	5	15	10	4.8161	0.94461	0.70345	2999.61
2224	30	10	0.10836	5	5	15	10	4.8161	0.94461	0.70345	2999.61
2225	32.5	10	0.10836	0	0	0	2.5	5.10696	0.95521	0.58747	2999.61
2226	35	10	0.10836	2.5	0	5	22.5	5.35721	0.9825	0.73327	2999.61
2227	17.5	2	0.33341	5	2.5	14.5	30.5	2.64153	1.05656	0.59433	2999.61
2228	25	2.5	0.10836	22.5	7.5	7.5	5	4.90949	0.96659	0.76576	2999.61
2229	40	13.5	0.10836	5	2.5	10	19.5	5.25491	0.98994	0.46776	2999.61
2230	45	20	0.03334	75	5	5	2.5	5.25491	0.98994	0.46776	2999.61
2231	30	11	0.1063	35	5	5	5	5.79661	1.01328	0.70454	2999.62
2232	25	5	0.10836	10	2.5	7.5	12.5	5.16932	0.97353	0.67013	2999.62
2233	37.5	13.5	0.10836	2.5	5	5	17.5	4.89841	0.97825	0.58225	2999.62
2234	25	7.5	0.33341	30	5	7.5	15	5.5818	1.00497	1.10886	2999.62
2235	25	2.5	0.10836	10	10	5	10	4.91774	0.9751	0.71349	2999.62
2236	26	3	0.10836	7.5	10	7.5	22.5	5.57983	1.00235	1.426	2999.62
2237	26	3	0.10836	7.5	10	7.5	22.5	5.57983	1.00235	1.426	2999.62
2238	27.5	12.5	0.10836	40	0	12.5	5	5.76811	1.0298	0.61135	2999.62
2239	27.5	12.5	0.10836	40	0	12.5	5	5.76811	1.0298	0.61135	2999.62
2240	22.5	2.5	0.33341	0	2.5	22.5	27.5	1.9281	1.02618	0.56498	2999.62
2241	22.5	2.5	0.33341	0	2.5	22.5	27.5	1.9281	1.02618	0.56498	2999.62
2242	22.5	2.5	0.33341	0	2.5	22.5	27.5	1.9281	1.02618	0.56498	2999.62
2243	25	7.5	0.10836	30	5	7.5	10	4.86277	0.95587	0.73794	2999.62
2244	25	7.5	0.10836	30	5	7.5	10	4.86277	0.95587	0.73794	2999.62
2245	37.5	12.5	0.03334	7.5	0	2.5	12.5	4.79944	0.94781	0.63633	2999.62
2246	30	10	0.10836	30	5	5	12.5	4.68694	0.94091	0.7362	2999.62
2247	25	7.5	0.10836	0	0	7.5	17.5	5.10449	0.94618	0.83472	2999.62
2248	35	15	0.03334	10	2.5	5	7.5	3.07391	1.01962	0.5084	2999.62
2249	35	15	0.03334	10	2.5	5	7.5	3.07391	1.01962	0.5084	2999.62
2250	30	12.5	0.10836	62.5	5	2.5	7.5	5.24745	0.95916	0.80204	2999.62
2251	30	12.5	0.10836	62.5	5	2.5	7.5	5.24745	0.95916	0.80204	2999.62
2252	30	12.5	0.10836	62.5	5	2.5	7.5	5.24745	0.95916	0.80204	2999.62
2253	35	8.5	0.10836	0	0	2.5	5	5.34138	1.01287	0.58521	2999.62
2254	27.5	2.5	0.10836	52.5	5	5	7.5	4.75003	0.9613	0.73924	2999.62
2255	27.5	10	0.03334	0	2.5	2.5	25	5.33871	0.98465	0.64988	2999.62
2256	30	7.5	0.10836	0	2.5	2.5	10	5.23566	0.98139	0.63756	2999.62
2257	35	12.5	0.03334	2.5	0	27.5	10	5.23566	0.98139	0.63756	2999.62
2258	35	12.5	0.03334	2.5	0	27.5	10	5.23566	0.98139	0.63756	2999.62
2259	32.5	10	0.10836	2.5	0	2.5	10	4.17366	0.93983	0.45567	2999.62
2260	32.5	10	0.10836	2.5	0	2.5	10	4.17366	0.93983	0.45567	2999.62

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2261	22.5	5	0.10836	0	0	5	17.5	5.51062	1.0087	1.15924	2999.62
2262	30	10	0.1063	12.5	7.5	10	5	4.79605	0.96192	0.6537	2999.62
2263	30	10	0.1063	12.5	7.5	10	5	4.79605	0.96192	0.6537	2999.62
2264	25	5	0.10836	7.5	5	5	12.5	5.8879	0.9672	0.81912	2999.62
2265	30	7.5	0.10836	2.5	5	5	12.5	3.74815	0.97552	0.55042	2999.62
2266	27.5	11.5	0.10836	1	1.5	17.5	34.5	1.01553	1.19829	0.41297	2999.62
2267	27.5	11.5	0.10836	1	1.5	17.5	34.5	1.01553	1.19829	0.41297	2999.62
2268	30	10	0.10836	32.5	10	5	10	5.06111	0.98331	0.78685	2999.62
2269	30	7.5	0.10836	20	10	7.5	12.5	4.64608	0.94205	0.63524	2999.62
2270	22.5	7.5	0.10836	55	5	5	7.5	5.83725	0.98332	0.92329	2999.62
2271	27.5	7.5	0.10836	20	5	7.5	15	4.93198	0.95591	0.65382	2999.62
2272	35	7.5	0.10836	5	5	5	12.5	4.66844	0.98024	0.54543	2999.62
2273	30	7.5	0.1063	2.5	2.5	5	10	5.37308	0.97969	0.7342	2999.62
2274	27.5	5	0.10836	5	7.5	7.5	17.5	5.69436	1.00132	0.74161	2999.62
2275	30	15	0.1063	7.5	12.5	7.5	22.5	4.87504	0.96459	0.93969	2999.62
2276	40	17.5	0.03334	77.5	5	2.5	0	4.88125	0.99366	0.52844	2999.62
2277	35	15	0.01084	0	0	2.5	7.5	4.46498	0.93962	0.50891	2999.62
2278	25	5	0.10836	7.5	7.5	7.5	17.5	5.17892	0.97892	0.86344	2999.62
2279	30	5	0.10836	7.5	2.5	17.5	22.5	5.5665	0.99903	0.74592	2999.63
2280	25	5	0.10836	27.5	5	5	12.5	4.78571	0.96149	0.65963	2999.63
2281	25	5	0.83602	37.5	2.5	10	9	2.44597	1.11919	0.50955	2999.63
2282	25	7.5	0.10836	2.5	2.5	12.5	17.5	5.24533	0.97298	0.69182	2999.63
2283	30	7.5	0.03334	2.5	2.5	7.5	15	5.24533	0.97298	0.69182	2999.63
2284	27.5	7.5	0.10836	2.5	2.5	10	22.5	5.24533	0.97298	0.69182	2999.63
2285	30	12.5	0.10836	60	5	7.5	0	5.24533	0.97298	0.69182	2999.63
2286	25	7.5	0.10836	0	0	15	17.5	5.62015	0.98616	1.06483	2999.63
2287	25	2.5	0.10831	0	0	10	22.5	5.62015	0.98616	1.06483	2999.63
2288	35	15	0.03331	25	5	7.5	10	4.83174	0.98158	0.54814	2999.63
2289	25	7.5	0.10836	32.5	5	7.5	15	4.49481	0.9697	0.58472	2999.63
2290	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2291	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2292	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2293	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2294	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2295	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2296	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2297	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2298	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2299	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2300	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2301	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2302	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2303	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2304	30	5	0.10836	0	0	5	10	5.6249	0.98779	0.99496	2999.63
2305	35	15	0.10836	7.5	0	22.5	15	5.07818	0.9652	0.64172	2999.63
2306	35	15	0.10836	7.5	0	22.5	15	5.07818	0.9652	0.64172	2999.63
2307	35	10	0.10836	2.5	2.5	10	22.5	4.93538	0.95315	0.63623	2999.63
2308	35	10	0.10836	2.5	2.5	10	22.5	4.93538	0.95315	0.63623	2999.63
2309	30	12.5	0.33341	27.5	5	7.5	25	5.31705	0.97257	0.77598	2999.63
2310	30	12.5	0.33341	27.5	5	7.5	25	5.31705	0.97257	0.77598	2999.63
2311	30	12.5	0.33341	27.5	5	7.5	25	5.31705	0.97257	0.77598	2999.63
2312	30	12.5	0.33341	27.5	5	7.5	25	5.31705	0.97257	0.77598	2999.63
2313	37.5	17.5	0.10836	10	0	7.5	15	4.62397	0.9718	0.52415	2999.63
2314	35	15	0.10836	55	10	5	5	5.16315	0.96031	0.7835	2999.63
2315	35	15	0.10836	55	10	5	5	5.16315	0.96031	0.7835	2999.63
2316	35	15	0.10836	55	10	5	5	5.16315	0.96031	0.7835	2999.63
2317	35	15	0.10836	55	10	5	5	5.16315	0.96031	0.7835	2999.63
2318	35	15	0.10836	55	10	5	5	5.16315	0.96031	0.7835	2999.63
2319	35	15	0.10836	55	10	5	5	5.16315	0.96031	0.7835	2999.63
2320	25	7.5	0.10836	0	15	7.5	27.5	5.40676	0.96223	0.88679	2999.63
2321	22.5	3.5	0.91688	0	2.5	17.5	51.5	3.04711	1.00751	0.84774	2999.63
2322	17	1.5	0.27506	2.5	2.5	32.5	40	4.93773	0.96851	0.7121	2999.63
2323	17	1.5	0.27506	2.5	2.5	32.5	40	4.93773	0.96851	0.7121	2999.63
2324	27	11.5	0.10836	1	1.5	20	32.5	1.74829	1.09071	0.55582	2999.63
2325	35	15	0.03331	10	2.5	5	12.5	4.5964	0.9762	0.41155	2999.63
2326	32.5	15	0.10836	2.5	0	10	22.5	4.91788	0.9435	0.70742	2999.63
2327	35	10	0.03331	17.5	5	7.5	15	4.51677	0.94119	0.62898	2999.63
2328	36	18	0.10836	1	1.5	5	13	4.82252	0.95052	0.5169	2999.63
2329	25	6	0.33071	20	5	5	0	5.4857	0.99196	0.85265	2999.63
2330	30	10	0.10836	32.5	5	7.5	12.5	5.15383	0.96013	0.73715	2999.63
2331	32.5	12.5	0.10836	12.5	5	10	20	5.76159	1.00542	0.70002	2999.63
2332	32.5	5	0.1063	67.5	5	0	7.5	5.30769	0.99867	0.59653	2999.63
2333	30	7.5	0.10836	5	5	10	15	4.93979	0.9711	0.79617	2999.63
2334	50	22.5	0.09169	2.5	0	2.5	15	5.227	0.97499	0.63582	2999.63
2335	50	22.5	0.09169	2.5	0	2.5	15	5.227	0.97499	0.63582	2999.63
2336	30	7.5	0.10836	15	5	5	15	4.93174	0.95347	0.64436	2999.63
2337	27.5	7.5	0.10836	25	10	10	5	4.60783	0.95638	0.73949	2999.63
2338	27.5	7.5	0.10836	25	10	10	5	4.60783	0.95638	0.73949	2999.63

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2339	25	7.5	0.10836	27.5	5	10	15	5.33315	0.96265	0.7943	2999.64
2340	25	7.5	0.10836	27.5	5	10	15	5.33315	0.96265	0.7943	2999.64
2341	32.5	12.5	0.10836	12.5	0	7.5	15	5.42117	0.98776	0.63315	2999.64
2342	32.5	12.5	0.10836	12.5	0	7.5	15	5.42117	0.98776	0.63315	2999.64
2343	32.5	12.5	0.10836	12.5	0	7.5	15	5.42117	0.98776	0.63315	2999.64
2344	35	12.5	0.10836	12.5	0	7.5	15	5.42117	0.98776	0.63315	2999.64
2345	35	12.5	0.10836	12.5	0	7.5	15	5.42117	0.98776	0.63315	2999.64
2346	35	12.5	0.10836	12.5	0	7.5	15	5.42117	0.98776	0.63315	2999.64
2347	30	5	0.10836	27.5	5	10	12.5	4.93491	0.94839	0.64151	2999.64
2348	25	7.5	0.10836	47.5	7.5	2.5	15	5.70482	0.99259	0.85666	2999.64
2349	25	7.5	0.10836	32.5	5	7.5	12.5	5.13731	0.98028	0.80252	2999.64
2350	45	10	0.10836	22.5	5	12.5	17.5	5.34029	1.00948	1.21471	2999.64
2351	32.5	7.5	0.1063	10	5	5	15	4.96605	0.95403	0.58893	2999.64
2352	30	7.5	0.10836	0	0	5	15	4.68779	0.96069	0.7817	2999.64
2353	40	15	0.03334	0	0	5	12.5	3.72356	0.9832	0.6054	2999.64
2354	27.5	7.5	0.10831	2.5	2.5	5	25	5.24269	0.95903	0.67629	2999.64
2355	27.5	12.5	0.10836	42.5	5	10	5	5.07157	0.94029	0.61581	2999.64
2356	32.5	9	0.10836	0	0	5	2.5	5.22787	0.94993	0.84017	2999.64
2357	32.5	9	0.10836	0	0	5	2.5	5.22787	0.94993	0.84017	2999.64
2358	32.5	9	0.10836	0	0	5	2.5	5.22787	0.94993	0.84017	2999.64
2359	32.5	9	0.10836	0	0	5	2.5	5.22787	0.94993	0.84017	2999.64
2360	32.5	9	0.10836	0	0	5	2.5	5.22787	0.94993	0.84017	2999.64
2361	20	5	0.10836	10	2.5	0	55	2.56525	1.03252	0.65432	2999.64
2362	22.5	5	0.10836	2.5	2.5	10	15	5.88171	1.00367	0.89109	2999.64
2363	25	2.5	0.1063	0	2.5	5	12.5	5.47884	0.97326	0.94284	2999.64
2364	35	12.5	0.03334	0	0	5	20	3.78255	0.95913	0.4154	2999.64
2365	30	10	0.10836	0	2.5	2.5	17.5	5.58017	0.98027	0.93435	2999.64
2366	40	5	0.10836	32.5	12.5	2.5	7.5	5.74564	1.00037	0.72422	2999.64
2367	30	7.5	0.10836	7.5	2.5	10	12.5	5.21516	0.95971	0.78864	2999.64
2368	25	7.5	0.10836	2.5	2.5	5	12.5	5.83717	1.01979	0.60614	2999.64
2369	35	17.5	0.10831	7.5	0	22.5	10	4.75735	0.94988	0.55962	2999.64
2370	22.5	7.5	0.10836	30	5	10	7.5	5.10606	0.9918	0.80949	2999.64
2371	20	2.5	0.33341	5	2.5	32.5	22.5	2.12418	1.05462	0.54339	2999.64
2372	20	2.5	0.33341	5	2.5	32.5	22.5	2.12418	1.05462	0.54339	2999.64
2373	30	10	0.10836	32.5	7.5	7.5	10	5.1087	0.9773	0.53318	2999.64
2374	30	10	0.10836	32.5	7.5	7.5	10	5.1087	0.9773	0.53318	2999.64
2375	25	7.5	0.10836	15	10	7.5	20	5.22674	0.9769	0.89514	2999.64
2376	30	10	0.10836	5	2.5	15	15	4.17971	0.95411	0.53012	2999.64
2377	35	15	0.03334	2.5	0	7.5	15	4.60017	0.93532	0.57738	2999.64

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2378	35	12.5	0.10836	10	5	10	10	3.35588	0.97149	0.52985	2999.64
2379	45	18	0.03334	0	0	2.5	0	2.93237	1.0112	0.46995	2999.65
2380	45	18	0.03334	0	0	2.5	0	2.93237	1.0112	0.46995	2999.65
2381	30	10.5	0.10836	7.5	0	0	7.5	5.1386	0.9579	0.66709	2999.65
2382	30	10	0.10836	50	0	10	5	5.10692	0.95927	0.65539	2999.65
2383	30	10	0.10836	50	0	10	5	5.10692	0.95927	0.65539	2999.65
2384	30	10	0.10836	50	0	10	5	5.10692	0.95927	0.65539	2999.65
2385	25	7.5	0.10836	0	5	5	10	4.68964	0.93801	0.55783	2999.65
2386	25	7.5	0.10836	0	5	5	10	4.68964	0.93801	0.55783	2999.65
2387	35	12.5	0.10836	45	5	7.5	7.5	4.91364	0.96345	0.70916	2999.65
2388	47.5	22.5	0.03334	0	2.5	5	10	4.07617	0.93247	0.43584	2999.65
2389	30	7.5	0.10836	0	0	10	22.5	5.32749	1.00331	0.58452	2999.65
2390	32.5	10	0.10836	0	0	0	2.5	4.74183	0.97389	0.53444	2999.65
2391	32.5	10	0.10836	0	0	0	2.5	4.74183	0.97389	0.53444	2999.65
2392	32.5	12.5	0.10836	0	0	2.5	7.5	4.74183	0.97389	0.53444	2999.65
2393	30	10	0.10836	35	5	15	7.5	4.78633	0.9612	0.78309	2999.65
2394	32.5	12.5	0.03334	2.5	2.5	5	17.5	4.81073	0.95222	0.53818	2999.65
2395	32.5	12.5	0.03334	2.5	2.5	5	17.5	4.81073	0.95222	0.53818	2999.65
2396	41.5	16.5	0.02751	1	1.5	0	5	4.81386	0.95677	0.45094	2999.65
2397	50	30	0.01084	0	2.5	2.5	18	4.81386	0.95677	0.45094	2999.65
2398	50	30	0.01084	0	2.5	2.5	18	4.81386	0.95677	0.45094	2999.65
2399	50	30	0.01084	0	2.5	2.5	18	4.81386	0.95677	0.45094	2999.65
2400	50	30	0.01084	0	2.5	2.5	18	4.81386	0.95677	0.45094	2999.65
2401	50	30	0.01084	0	2.5	2.5	18	4.81386	0.95677	0.45094	2999.65
2402	50	30	0.01084	0	2.5	2.5	18	4.81386	0.95677	0.45094	2999.65
2403	22.5	2.5	0.33341	2.5	0	5	12.5	5.35222	0.97553	1.01101	2999.65
2404	25	2.5	0.1063	0	5	7.5	17.5	5.35222	0.97553	1.01101	2999.65
2405	30	5	0.10836	15	5	10	12.5	5.36021	0.9666	0.80592	2999.65
2406	30	2.5	0.10836	25	10	17.5	17.5	5.05945	0.98171	1.10605	2999.65
2407	25	5	0.10836	25	10	10	4.5	5.34655	0.96526	0.78446	2999.65
2408	27.5	10	0.03334	0	0	2.5	5	4.59468	0.9402	0.53006	2999.65
2409	32.5	15	0.03334	0	0	7.5	7.5	4.59468	0.9402	0.53006	2999.65
2410	27.5	10	0.03334	0	0	2.5	5	4.59468	0.9402	0.53006	2999.65
2411	27.5	10	0.03334	0	0	2.5	5	4.59468	0.9402	0.53006	2999.65
2412	35	12.5	0.03334	0	0	5	20	4.59468	0.9402	0.53006	2999.65
2413	22.5	2.5	0.10836	55	5	2.5	5	5.24562	0.98163	0.81833	2999.65
2414	25	5	0.10836	10	10	7.5	25	5.02195	0.94761	0.67989	2999.65
2415	27.5	7.5	0.10836	10	5	15	5	5.02195	0.94761	0.67989	2999.65
2416	32.5	12.5	0.10836	5	0	5	10	5.21354	0.99046	0.60979	2999.65

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2417	37.5	15	0.10836	2.5	2.5	10	10	4.55346	0.96287	0.5168	2999.65
2418	17.5	2	0.10836	10	5	20	22.5	2.61453	1.00947	0.55694	2999.65
2419	25	7.5	0.10836	7.5	2.5	7.5	20	5.40574	0.98579	0.7195	2999.65
2420	25	7.5	0.09169	7.5	2.5	2.5	20	5.40574	0.98579	0.7195	2999.65
2421	25	7.5	0.09169	7.5	2.5	2.5	20	5.40574	0.98579	0.7195	2999.65
2422	25	7.5	0.09169	7.5	2.5	2.5	20	5.40574	0.98579	0.7195	2999.65
2423	25	7.5	0.09169	7.5	2.5	2.5	20	5.40574	0.98579	0.7195	2999.65
2424	25	7.5	0.09169	7.5	2.5	2.5	20	5.40574	0.98579	0.7195	2999.65
2425	25	5	0.1063	0	0	0	5	5.19383	0.97403	0.82747	2999.65
2426	22.5	7.5	0.10836	0	0	5	15	5.19383	0.97403	0.82747	2999.65
2427	25	5	0.10836	0	0	0	5	5.19383	0.97403	0.82747	2999.65
2428	37.5	15	0.03334	60	0	5	5	5.76115	1.02111	0.48587	2999.65
2429	27.5	7.5	0.10836	20	30	5	20	5.63342	0.98743	0.72549	2999.65
2430	27.5	5	0.10836	2.5	5	5	20	5.70727	0.97305	0.86189	2999.65
2431	30	7.5	0.10836	2.5	0	7.5	7.5	5.58906	0.97588	0.78843	2999.65
2432	30	7.5	0.10836	2.5	0	7.5	7.5	5.58906	0.97588	0.78843	2999.65
2433	35	13	0.10836	5	0	5	0	5.04097	0.94913	0.67479	2999.65
2434	27.5	12.5	0.03334	30	5	10	5	4.88243	0.962	0.72646	2999.65
2435	35	10	0.03543	42.5	5	5	5	5.63106	1.0242	0.49898	2999.65
2436	30	11.5	0.10836	0	1	4	15	5.90755	0.99225	0.64563	2999.65
2437	42.5	20	0.10836	0	0	0	2.5	5.12311	0.96838	0.51785	2999.65
2438	42.5	20	0.10836	0	0	0	2.5	5.12311	0.96838	0.51785	2999.65
2439	42.5	20	0.10836	0	0	0	2.5	5.12311	0.96838	0.51785	2999.65
2440	45	20	0.10836	0	0	0	2.5	5.12311	0.96838	0.51785	2999.65
2441	40	10	0.10836	35	5	5	10	4.89868	0.97138	0.57086	2999.66
2442	37.5	17.5	0.03334	12.5	2.5	2.5	20	3.67568	0.96111	0.50528	2999.66
2443	32.5	12.5	0.1063	22.5	5	12.5	0	4.85918	0.94985	0.69076	2999.66
2444	30	12.5	0.1063	32.5	5	12.5	10	4.94341	0.94695	0.64179	2999.66
2445	27.5	9	0.10836	0	0	5	15	5.11812	0.9648	0.67524	2999.66
2446	27.5	9	0.10836	0	0	5	15	5.11812	0.9648	0.67524	2999.66
2447	30	10	0.03334	0	0	2.5	12.5	4.93497	0.94733	0.84802	2999.66
2448	25	5	0.10836	12.5	25	15	2.5	4.89005	0.96123	0.7594	2999.66
2449	47.5	22.5	0.03334	0	2.5	2.5	5	4.77068	0.96252	0.5772	2999.66
2450	25	7.5	0.10836	2.5	2.5	5	12.5	5.57694	0.98589	0.66545	2999.66
2451	30	12.5	0.10836	0	0	2.5	10	4.57747	0.95654	0.51469	2999.66
2452	32.5	12.5	0.10831	0	2.5	12.5	15	5.04073	0.95629	0.83377	2999.66
2453	30	10	0.10831	2.5	0	17.5	15	5.04073	0.95629	0.83377	2999.66
2454	30	10	0.10831	2.5	0	17.5	15	5.04073	0.95629	0.83377	2999.66
2455	22.5	2.5	0.10836	2.5	0	5	27.5	5.04073	0.95629	0.83377	2999.66

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2456	32.5	7.5	0.10836	0	17.5	0	10	4.7053	0.94667	0.70694	2999.66
2457	30	12.5	0.10836	2.5	12.5	17.5	10	4.7053	0.94667	0.70694	2999.66
2458	30	12.5	0.10836	2.5	12.5	17.5	10	4.7053	0.94667	0.70694	2999.66
2459	35	15	0.03334	10	0	5	17.5	5.03841	0.9396	0.64237	2999.66
2460	35	15	0.03334	10	0	5	17.5	5.03841	0.9396	0.64237	2999.66
2461	35	15	0.03334	10	0	5	17.5	5.03841	0.9396	0.64237	2999.66
2462	22.5	5	0.10836	0	5	17.5	15	5.64078	0.97014	0.60145	2999.66
2463	22.5	5	0.33341	0	0	10	50	2.28106	1.02306	0.57338	2999.66
2464	22.5	5	0.33341	0	0	10	50	2.28106	1.02306	0.57338	2999.66
2465	30	10	0.10836	15	5	5	15	4.76806	0.95096	0.42185	2999.66
2466	25	5	0.10836	5	5	10	17.5	5.98704	0.99215	0.88687	2999.66
2467	21	4	0.33341	2.5	0	5	29.5	3.23436	1.02298	0.75993	2999.66
2468	30	10	0.03334	2.5	2.5	5	12.5	5.19684	0.95443	0.69446	2999.66
2469	30	10	0.09169	2.5	2.5	7.5	17.5	4.85712	0.95017	0.55384	2999.66
2470	40	12.5	0.10836	35	10	2.5	10	5.74421	1.01926	0.55777	2999.66
2471	32.5	12.5	0.10831	25	5	15	10	5.05568	0.95023	0.6163	2999.67
2472	22.5	9	0.10836	22.5	2.5	10	15	5.32333	0.966	0.67325	2999.67
2473	30	5	0.10836	35	2.5	7.5	17.5	5.30968	0.95833	0.76146	2999.67
2474	30	10	0.10836	10	2.5	12.5	20	5.04606	0.96448	0.80888	2999.67
2475	25	7.5	0.10836	40	7.5	7.5	10	5.42389	0.98631	0.79911	2999.67
2476	25	7.5	0.10836	40	7.5	7.5	10	5.42389	0.98631	0.79911	2999.67
2477	25	7.5	0.10836	40	7.5	7.5	10	5.42389	0.98631	0.79911	2999.67
2478	30	10	0.10836	42.5	5	12.5	10	5.54426	0.97415	0.78442	2999.67
2479	32.5	7.5	0.10836	0	0	12.5	7.5	5.23102	0.92815	0.6503	2999.67
2480	32.5	7.5	0.10836	0	0	12.5	7.5	5.23102	0.92815	0.6503	2999.67
2481	32.5	7.5	0.10836	0	0	12.5	7.5	5.23102	0.92815	0.6503	2999.67
2482	25	5	0.10836	0	0	2.5	15	5.23102	0.92815	0.6503	2999.67
2483	25	5	0.10836	0	0	2.5	15	5.23102	0.92815	0.6503	2999.67
2484	25	5	0.10836	0	0	2.5	15	5.23102	0.92815	0.6503	2999.67
2485	30	10	0.10836	37.5	5	5	12.5	5.23102	0.92815	0.6503	2999.67
2486	32.5	14	0.10836	2.5	0	5	17.5	4.27941	0.95156	0.57598	2999.67
2487	25	7.5	0.10836	2.5	5	2.5	7.5	5.16965	0.95297	0.64767	2999.67
2488	25	7.5	0.10836	2.5	5	2.5	7.5	5.16965	0.95297	0.64767	2999.67
2489	25	7.5	0.10836	2.5	5	2.5	7.5	5.16965	0.95297	0.64767	2999.67
2490	25	7.5	0.10836	2.5	5	2.5	7.5	5.16965	0.95297	0.64767	2999.67
2491	25	7.5	0.10836	2.5	5	2.5	7.5	5.16965	0.95297	0.64767	2999.67
2492	37.5	15	0.03334	52.5	10	2.5	7.5	5.66043	1.00367	0.53682	2999.67
2493	37.5	15	0.03334	52.5	10	2.5	7.5	5.66043	1.00367	0.53682	2999.67
2494	37.5	15	0.03334	52.5	10	2.5	7.5	5.66043	1.00367	0.53682	2999.67

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2495	37.5	15	0.03334	52.5	10	2.5	7.5	5.66043	1.00367	0.53682	2999.67
2496	40	12.5	1.08661	55	7.5	5	7.5	5.62017	0.97201	0.97274	2999.67
2497	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2498	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2499	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2500	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2501	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2502	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2503	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2504	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2505	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2506	32.5	11.5	0.10836	0	2.5	2.5	5	5.35962	0.99428	0.5757	2999.67
2507	30	12.5	0.10836	10	2.5	5	25	5.21246	0.97573	0.60576	2999.67
2508	35	12.5	0.10836	12.5	0	7.5	15	5.21246	0.97573	0.60576	2999.67
2509	35	12.5	0.10836	12.5	0	7.5	15	5.21246	0.97573	0.60576	2999.67
2510	25	5	0.33343	5	0	27.5	30	2.15289	1.03996	0.57612	2999.67
2511	22.5	2.5	0.10831	0	0	2.5	2.5	5.70823	0.9837	0.75666	2999.67
2512	32.5	10	0.1063	0	0	5	15	5.32703	0.97377	0.84581	2999.67
2513	25	7.5	0.10836	2.5	0	2.5	10	5.50056	1.00761	0.90003	2999.67
2514	25	7.5	0.10836	2.5	0	2.5	10	5.50056	1.00761	0.90003	2999.67
2515	37.5	17.5	0.10836	27.5	0	12.5	2.5	4.88945	0.92462	0.59737	2999.67
2516	7.5	3	0.09169	35	5	10	15	3.58119	0.9781	0.7988	2999.67
2517	30	5	0.10836	0	0	7.5	17.5	5.70502	0.98289	0.75214	2999.67
2518	32.5	10	0.10836	0	0	10	22.5	5.70502	0.98289	0.75214	2999.67
2519	40	14	0.10836	2.5	0	5	20	5.04285	0.94596	0.63658	2999.67
2520	40	14	0.10836	2.5	0	5	20	5.04285	0.94596	0.63658	2999.67
2521	40	14	0.10836	2.5	0	5	20	5.04285	0.94596	0.63658	2999.67
2522	40	20	0.03334	32.5	5	10	7.5	4.42935	0.95713	0.41857	2999.67
2523	30	7	0.10831	32.5	15	5	12.5	5.11389	0.94928	0.67536	2999.67
2524	37.5	17.5	0.03334	0	0	5	20	3.31928	0.96673	0.50859	2999.67
2525	32.5	7	0.10831	20	5	10	12.5	5.28335	0.95431	0.70377	2999.67
2526	17.5	0	1.08358	1	1.5	32.5	47.5	2.61542	1.01221	0.66354	2999.67
2527	17.5	0	1.08358	1	1.5	32.5	47.5	2.61542	1.01221	0.66354	2999.67
2528	27.5	7.5	0.10836	0	0	10	20	5.55556	0.97149	0.75035	2999.67
2529	25	7.5	0.10836	0	0	10	22.5	5.55556	0.97149	0.75035	2999.67
2530	25	2.5	0.10836	10	5	25	17.5	2.5757	1.07611	0.56841	2999.68
2531	32.5	15	0.03334	2.5	2.5	5	22.5	4.74802	0.92275	0.63755	2999.68
2532	37.5	15	0.1063	0	0	2.5	2.5	5.28336	0.97944	0.66737	2999.68
2533	32.5	10	0.10836	35	5	10	10	4.88768	0.9278	0.6856	2999.68

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2534	20.5	4	0.10836	27.5	5	7.5	12.5	5.62093	0.96769	0.97269	2999.68
2535	35	10	0.10836	0	0	2.5	0	5.21456	0.9637	0.68982	2999.68
2536	35	10	0.10836	0	0	2.5	0	5.21456	0.9637	0.68982	2999.68
2537	30	11	0.10836	0	0	0	2.5	5.29551	0.95576	0.70747	2999.68
2538	30	11	0.10836	0	0	0	2.5	5.29551	0.95576	0.70747	2999.68
2539	30	7.5	0.10836	0	5	0	10	5.31079	0.93873	0.83987	2999.68
2540	22.5	7.5	0.10836	12.5	5	5	12.5	4.74452	1.00479	0.79376	2999.68
2541	35	15	0.03334	0	2.5	0	7.5	4.44245	0.94365	0.5339	2999.68
2542	42	21.5	0.03334	5	0	5	10	5.05773	0.95898	0.47131	2999.68
2543	35	10	0.1063	5	2.5	17.5	0	4.69937	0.93379	0.6743	2999.68
2544	32.5	12.5	0.10836	2.5	5	5	20	4.94227	0.94423	0.62753	2999.68
2545	35	10	0.10836	5	2.5	10	15	4.94227	0.94423	0.62753	2999.68
2546	32.5	12.5	0.10836	2.5	5	5	20	4.94227	0.94423	0.62753	2999.68
2547	30	12.5	0.1063	32.5	12.5	5	0	5.32142	0.95588	0.81457	2999.68
2548	30	12.5	0.1063	32.5	12.5	5	0	5.32142	0.95588	0.81457	2999.68
2549	30	5	0.10836	2.5	0	7.5	27.5	4.91093	0.92887	0.68379	2999.68
2550	35	10	0.10836	2.5	2.5	5	12.5	4.91093	0.92887	0.68379	2999.68
2551	25	7.5	0.10836	2.5	2.5	12.5	17.5	4.91093	0.92887	0.68379	2999.68
2552	25	7.5	0.10836	2.5	2.5	12.5	17.5	4.91093	0.92887	0.68379	2999.68
2553	25	7.5	0.10836	2.5	2.5	12.5	17.5	4.91093	0.92887	0.68379	2999.68
2554	25	7.5	0.10836	2.5	2.5	12.5	17.5	4.91093	0.92887	0.68379	2999.68
2555	25	7.5	0.10836	2.5	2.5	12.5	17.5	4.91093	0.92887	0.68379	2999.68
2556	30	10	0.03334	0	0	5	12.5	5.54867	0.96912	0.74654	2999.68
2557	30	10	0.03334	0	0	5	12.5	5.54867	0.96912	0.74654	2999.68
2558	30	10	0.03334	0	0	5	15	5.54867	0.96912	0.74654	2999.68
2559	30	10	0.03334	0	0	7.5	15	5.54867	0.96912	0.74654	2999.68
2560	35	15	0.01084	0	0	2.5	12.5	3.61304	1.00205	0.61148	2999.68
2561	35	12.5	0.0025	2.5	0	2.5	17.5	4.93519	0.93476	0.62362	2999.68
2562	27.5	7.5	1.08358	55	7.5	20	5	2.55861	1.01534	0.61004	2999.68
2563	37.5	12.5	0.10836	0	0	22.5	12.5	4.75405	0.92908	0.57065	2999.68
2564	37.5	12.5	0.10836	0	0	22.5	12.5	4.75405	0.92908	0.57065	2999.68
2565	37.5	12.5	0.10836	0	0	22.5	12.5	4.75405	0.92908	0.57065	2999.68
2566	50	30	0.01084	0	2.5	2.5	18	5.13851	0.96246	0.48077	2999.68
2567	32.5	11	0.09169	0	2.5	2.5	12.5	5.24281	0.95712	0.66786	2999.68
2568	32.5	11	0.09169	0	2.5	2.5	12.5	5.24281	0.95712	0.66786	2999.68
2569	30	7.5	0.10836	0	2.5	2.5	10	5.24281	0.95712	0.66786	2999.68
2570	32.5	11	0.09169	0	2.5	2.5	12.5	5.24281	0.95712	0.66786	2999.68
2571	32.5	11	0.09169	0	2.5	2.5	12.5	5.24281	0.95712	0.66786	2999.68
2572	45	27.5	0.03334	0	0	2.5	5	4.69063	0.95691	0.45018	2999.68

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2573	42.5	22.5	0.03334	0	0	0	5	4.69063	0.95691	0.45018	2999.68
2574	42.5	22.5	0.03334	0	0	0	5	4.69063	0.95691	0.45018	2999.68
2575	42.5	22.5	0.03334	0	0	0	5	4.69063	0.95691	0.45018	2999.68
2576	35	12.5	0.03334	45	5	7.5	5	3.82441	0.96571	0.57205	2999.68
2577	40	5	0.10836	32.5	12.5	2.5	7.5	5.27588	0.95386	0.68039	2999.69
2578	25	9	0.27506	32.5	5	5	7.5	5.27588	0.95386	0.68039	2999.69
2579	25	9	0.27506	32.5	5	5	7.5	5.27588	0.95386	0.68039	2999.69
2580	25	9	0.27506	32.5	5	5	7.5	5.27588	0.95386	0.68039	2999.69
2581	47.5	20	0.10836	2.5	0	2.5	0	5.27563	0.96582	0.66056	2999.69
2582	25	5	0.1063	50	5	5	10	5.49289	0.95928	0.79837	2999.69
2583	37.5	15	0.10836	0	2.5	2.5	5	4.73199	0.93487	0.52774	2999.69
2584	37.5	15	0.10836	0	2.5	2.5	5	4.73199	0.93487	0.52774	2999.69
2585	30	10	0.33341	37.5	5	7.5	10	5.38736	0.9566	0.61692	2999.69
2586	27.5	6	0.10836	17.5	10	5	12.5	5.0026	0.94768	0.68316	2999.69
2587	30	7.5	0.10836	30	27.5	2.5	10	5.47168	0.96072	0.75646	2999.69
2588	35	15	0.10836	30	5	7.5	12.5	4.67828	0.92744	0.51317	2999.69
2589	25	3.5	0.10836	2.5	0	5	7.5	5.77792	0.9748	1.09538	2999.69
2590	25	3.5	0.10836	2.5	0	5	7.5	5.77792	0.9748	1.09538	2999.69
2591	30	10	0.03331	57.5	5	2.5	7.5	5.97776	1.00493	0.65549	2999.69
2592	30	10	0.03331	57.5	5	2.5	7.5	5.97776	1.00493	0.65549	2999.69
2593	30	10	0.03334	32.5	5	12.5	5	5.53619	0.98318	0.86271	2999.69
2594	30	10	0.03334	32.5	5	12.5	5	5.53619	0.98318	0.86271	2999.69
2595	30	10	0.03334	32.5	5	12.5	5	5.53619	0.98318	0.86271	2999.69
2596	30	7.5	0.10836	27.5	7.5	15	10	5.66994	0.97363	0.76492	2999.69
2597	32	12	0.10836	10	2.5	2.5	7.5	5.64263	0.95582	0.60472	2999.69
2598	30	10	0.03334	12.5	2.5	12.5	15	5.63921	0.98017	0.65642	2999.69
2599	27.5	10	0.10836	45	7.5	5	7.5	5.29469	0.96227	0.7151	2999.69
2600	35	10	0.10836	2.5	2.5	2.5	17.5	4.72975	0.95571	0.52907	2999.69
2601	30	10	0.10836	0	0	0	5	5.85732	0.98287	1.03777	2999.69
2602	42.5	17.5	0.1063	0	0	2.5	0	5.51636	0.96346	0.66457	2999.69
2603	32.5	10	0.10836	0	0	0	5	5.51636	0.96346	0.66457	2999.69
2604	27.5	9	0.10836	0	0	2.5	17.5	5.51636	0.96346	0.66457	2999.69
2605	25	7.5	0.03334	0	0	5	12.5	5.51636	0.96346	0.66457	2999.69
2606	25	10	0.03334	0	0	20	20	5.51636	0.96346	0.66457	2999.69
2607	25	5	0.10836	32.5	5	5	12.5	5.47837	0.95807	0.72958	2999.69
2608	25	5	0.10836	32.5	5	5	12.5	5.47837	0.95807	0.72958	2999.69
2609	22.5	8	0.10836	30	5	7.5	12.5	5.5654	0.99615	0.58592	2999.69
2610	27.5	7.5	0.10836	12.5	7.5	10	12.5	5.37169	0.97318	0.55184	2999.69
2611	27.5	7.5	0.10836	5	2.5	22.5	5	5.07517	0.93803	0.67896	2999.69

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2612	27.5	7.5	0.10836	5	2.5	22.5	5	5.07517	0.93803	0.67896	2999.69
2613	27.5	7.5	0.10836	5	2.5	22.5	5	5.07517	0.93803	0.67896	2999.69
2614	37.5	12.5	0.03334	0	2.5	7.5	20	5.57973	0.96869	0.80207	2999.69
2615	30	10	0.10836	0	2.5	7.5	22.5	5.34682	0.95622	0.67818	2999.69
2616	30	10	0.10836	0	2.5	7.5	22.5	5.34682	0.95622	0.67818	2999.69
2617	27.5	7.5	0.10836	12.5	0	2.5	25	5.79934	0.98387	0.72252	2999.69
2618	27.5	7.5	0.10836	12.5	5	15	12.5	5.33608	0.97111	0.8587	2999.69
2619	32.5	5	0.10836	2.5	0	2.5	12.5	5.34499	0.96906	0.75335	2999.69
2620	32.5	5	0.10836	2.5	0	2.5	12.5	5.34499	0.96906	0.75335	2999.69
2621	35	12.5	0.10836	10	2.5	7.5	15	4.4654	0.93935	0.54149	2999.69
2622	30	7.5	0.10836	37.5	2.5	7.5	10	4.90426	0.93388	0.52156	2999.69
2623	27.5	12.5	0.03334	30	5	5	5	4.90426	0.93388	0.52156	2999.69
2624	32.5	10	0.10836	0	0	0	2.5	4.70348	0.94776	0.53561	2999.69
2625	32.5	10	0.10836	0	0	0	2.5	4.70348	0.94776	0.53561	2999.69
2626	42.5	15.5	0.10836	0	0	5	10	4.70348	0.94776	0.53561	2999.69
2627	40	15	0.10836	0	0	2.5	0	4.70348	0.94776	0.53561	2999.69
2628	40	15	0.10836	0	0	2.5	0	4.70348	0.94776	0.53561	2999.69
2629	25	7.5	0.10836	35	5	7.5	12.5	5.37567	0.95452	0.68361	2999.69
2630	35	15	0.03334	7.5	2.5	2.5	12.5	5.14247	0.94132	0.66131	2999.69
2631	35	15	0.03334	7.5	2.5	2.5	12.5	5.14247	0.94132	0.66131	2999.69
2632	50	30	0.10836	0	0	0	2.5	4.95259	0.94295	0.50072	2999.69
2633	25	7.5	0.1063	0	0	2.5	0	5.50518	0.98998	0.54957	2999.69
2634	25	7.5	0.10836	0	0	2.5	0	5.50518	0.98998	0.54957	2999.69
2635	25	7.5	0.10836	0	0	2.5	0	5.50518	0.98998	0.54957	2999.69
2636	25	7.5	0.1063	0	0	2.5	0	5.50518	0.98998	0.54957	2999.69
2637	25	7.5	0.1063	0	0	2.5	0	5.50518	0.98998	0.54957	2999.69
2638	32.5	12.5	0.10836	0	0	2.5	0	5.50518	0.98998	0.54957	2999.69
2639	35	2.5	0.1063	5	15	10	10	5.52239	0.96476	0.69749	2999.69
2640	37.5	20	0.10836	5	5	5	5	5.54947	0.99787	0.57276	2999.69
2641	25	7.5	0.10836	0	0	2.5	17.5	5.27577	0.96332	0.83945	2999.69
2642	27.5	6.5	0.33071	0	2.5	17.5	32.5	2.75144	1.06626	0.63778	2999.7
2643	27.5	7.5	0.10836	7.5	2.5	17.5	7.5	5.52929	0.96642	0.68768	2999.7
2644	27.5	7.5	0.10836	7.5	2.5	17.5	7.5	5.52929	0.96642	0.68768	2999.7
2645	27.5	7.5	0.10836	7.5	2.5	17.5	7.5	5.52929	0.96642	0.68768	2999.7
2646	27.5	7.5	0.10836	7.5	2.5	17.5	7.5	5.52929	0.96642	0.68768	2999.7
2647	30	10	0.10836	2.5	2.5	27.5	15	4.7313	0.94786	0.77386	2999.7
2648	30	10	0.10836	2.5	2.5	27.5	15	4.7313	0.94786	0.77386	2999.7
2649	25	5	0.10836	0	0	10	10	5.71361	0.96789	0.96305	2999.7
2650	25	5	0.10836	0	0	10	10	5.71361	0.96789	0.96305	2999.7

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2651	25	5	0.10836	0	0	10	10	5.71361	0.96789	0.96305	2999.7
2652	25	5	0.10836	0	0	10	10	5.71361	0.96789	0.96305	2999.7
2653	25	2.5	0.33341	2.5	5	20	30	2.43765	1.01823	0.58729	2999.7
2654	25	5	0.10836	5	2.5	15	30	2.43765	1.01823	0.58729	2999.7
2655	42.5	27.5	0.10836	0	2.5	2.5	12.5	5.2858	0.97498	0.58517	2999.7
2656	32.5	10	0.10836	2.5	0	2.5	17.5	5.2858	0.97498	0.58517	2999.7
2657	32.5	10	0.10836	2.5	0	2.5	17.5	5.2858	0.97498	0.58517	2999.7
2658	25	2.5	0.10836	5	0	10	15	5.71388	0.97321	0.78969	2999.7
2659	30	10	0.03331	5	12.5	10	7.5	5.28654	0.98364	0.53749	2999.7
2660	30	7.5	0.10836	2.5	0	0	7.5	5.80436	0.97389	1.00907	2999.7
2661	32.5	12.5	0.01087	7.5	2.5	5	12.5	4.93276	0.95844	0.54059	2999.7
2662	22.5	7.5	0.10836	2.5	0	0	12.5	5.57816	0.96087	0.82183	2999.7
2663	25	7.5	0.1063	27.5	0	5	12.5	5.15288	0.94939	0.71673	2999.7
2664	30	12.5	0.10836	7.5	0	2.5	25	5.40523	0.96425	0.62858	2999.7
2665	30	12.5	0.10836	7.5	0	2.5	25	5.40523	0.96425	0.62858	2999.7
2666	30	12.5	0.10836	7.5	0	2.5	25	5.40523	0.96425	0.62858	2999.7
2667	30	12.5	0.10836	7.5	0	2.5	25	5.40523	0.96425	0.62858	2999.7
2668	25	5	0.10836	2.5	0	5	27.5	5.95746	0.99282	0.6805	2999.7
2669	22.5	5	0.10836	12.5	10	10	10	4.72121	0.9417	0.78414	2999.7
2670	22.5	5	0.10836	12.5	10	10	10	4.72121	0.9417	0.78414	2999.7
2671	22.5	5	0.10836	12.5	10	10	10	4.72121	0.9417	0.78414	2999.7
2672	22.5	5	0.10836	12.5	10	10	10	4.72121	0.9417	0.78414	2999.7
2673	16	2	0.33341	30	6.5	16	7.5	4.07312	1.12044	0.81473	2999.7
2674	40	20	0.01084	0	0	7.5	20	4.55504	0.93351	0.58965	2999.7
2675	32.5	10	0.03334	0	0	7.5	20	4.55504	0.93351	0.58965	2999.7
2676	40	15	0.10836	0	0	0	2.5	5.12759	0.96791	0.58693	2999.7
2677	25	5	0.33343	2.5	12.5	22.5	27.5	3.32157	0.97731	0.6235	2999.7
2678	35	12.5	0.1063	0	0	2.5	0	5.54259	0.96187	0.56285	2999.7
2679	35	12.5	0.1063	0	0	2.5	0	5.54259	0.96187	0.56285	2999.7
2680	42.5	17.5	0.1063	0	0	2.5	0	5.23795	0.94901	0.618	2999.7
2681	25	5	0.1063	0	0	2.5	0	5.23795	0.94901	0.618	2999.7
2682	30	5	0.10836	20	5	7.5	15	5.41269	0.95933	0.64168	2999.7
2683	30	7.5	0.33343	50	5	5	10	5.51937	0.9629	0.68901	2999.7
2684	37.5	14	0.10836	2.5	0	5	20	5.46547	0.95983	0.68695	2999.7
2685	37.5	14	0.10836	2.5	0	5	20	5.46547	0.95983	0.68695	2999.7
2686	37.5	14	0.10836	2.5	0	5	20	5.46547	0.95983	0.68695	2999.7
2687	25	7.5	0.1063	7.5	2.5	10	10	5.34724	1.0893	0.82039	2999.7
2688	30	12.5	0.10836	32.5	7.5	15	12.5	1.01137	1.06344	0.38195	2999.7
2689	22.5	2.5	0.1063	0	0	7.5	15	5.78304	0.96729	1.0387	2999.7

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2690	46.5	27	0.10836	7.5	3.5	4.5	10.5	5.05258	0.93648	0.48462	2999.71
2691	27.5	6	0.10836	17.5	10	5	12.5	5.40053	0.94611	0.79288	2999.71
2692	32.5	12.5	0.10831	35	5	12.5	7.5	5.39618	0.95787	0.65909	2999.71
2693	27.5	10	0.10836	47.5	5	7.5	10	5.39618	0.95787	0.65909	2999.71
2694	42.5	17.5	0.10836	0	2.5	0	7.5	3.61005	0.96652	0.57746	2999.71
2695	42.5	17.5	0.10836	0	2.5	0	7.5	3.61005	0.96652	0.57746	2999.71
2696	30	7.5	0.03334	27.5	7.5	15	10	5.20608	0.95018	0.72593	2999.71
2697	30	7.5	0.03334	27.5	7.5	15	10	5.20608	0.95018	0.72593	2999.71
2698	30	7.5	0.03334	27.5	7.5	15	10	5.20608	0.95018	0.72593	2999.71
2699	30	7.5	0.10836	20	5	10	15	4.8048	0.94363	0.57894	2999.71
2700	37.5	17.5	0.10831	0	2.5	12.5	15	4.93183	0.93427	0.5406	2999.71
2701	20	7.5	0.10836	22.5	5	5	12.5	4.81951	0.93325	0.57918	2999.71
2702	20	7.5	0.10836	22.5	5	5	12.5	4.81951	0.93325	0.57918	2999.71
2703	20	7.5	0.10836	22.5	5	5	12.5	4.81951	0.93325	0.57918	2999.71
2704	37.5	17.5	0.01084	5	2.5	10	10	4.45914	0.93068	0.50308	2999.71
2705	27.5	10	0.10836	5	5	2.5	15	5.74086	0.96914	0.78816	2999.71
2706	35	12.5	0.03334	10	2.5	7.5	17.5	5.13037	0.94168	0.61325	2999.71
2707	25	5	0.10836	25	10	20	17.5	5.68195	0.96193	0.8475	2999.71
2708	34	10.5	0.03334	0	0	5	12.5	5.3841	0.98771	0.52471	2999.71
2709	30	10	0.10836	37.5	10	5	7.5	5.04123	0.93559	0.6436	2999.71
2710	30	9.5	0.10836	22.5	5	5	10	5.76801	0.981	0.6598	2999.71
2711	27.5	7.5	0.10836	17.5	2.5	7.5	17.5	5.54315	0.957	0.77987	2999.71
2712	25	5	0.10836	0	2.5	5	20	5.6263	0.97303	0.63718	2999.71
2713	25	5	0.10836	0	2.5	5	20	5.6263	0.97303	0.63718	2999.71
2714	25	5	0.10836	0	2.5	5	20	5.6263	0.97303	0.63718	2999.71
2715	35	7.5	0.10836	0	2.5	7.5	17.5	5.6263	0.97303	0.63718	2999.71
2716	25	5	0.10836	0	2.5	5	20	5.6263	0.97303	0.63718	2999.71
2717	25	5	0.10836	0	2.5	5	20	5.6263	0.97303	0.63718	2999.71
2718	25	10	0.10836	0	2.5	7.5	22.5	5.6263	0.97303	0.63718	2999.71
2719	30	7.5	0.10836	2.5	0	5	5	5.6263	0.97303	0.63718	2999.71
2720	30	7.5	0.10836	2.5	0	5	5	5.6263	0.97303	0.63718	2999.71
2721	30	7.5	0.10836	0	2.5	2.5	2.5	5.6263	0.97303	0.63718	2999.71
2722	30	7.5	0.10836	0	2.5	2.5	2.5	5.6263	0.97303	0.63718	2999.71
2723	30	7.5	0.10836	0	2.5	2.5	2.5	5.6263	0.97303	0.63718	2999.71
2724	30	7.5	0.10836	0	2.5	2.5	2.5	5.6263	0.97303	0.63718	2999.71
2725	30	7.5	0.10836	0	2.5	2.5	2.5	5.6263	0.97303	0.63718	2999.71
2726	30	7.5	0.10836	2.5	0	5	5	5.6263	0.97303	0.63718	2999.71
2727	32.5	12.5	0.10831	2.5	0	0	12.5	5.6263	0.97303	0.63718	2999.71
2728	30	7.5	0.10836	0	2.5	2.5	2.5	5.6263	0.97303	0.63718	2999.71

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2729	27.5	8.5	0.10836	0	2.5	7.5	17.5	5.6263	0.97303	0.63718	2999.71
2730	27.5	8.5	0.10836	0	2.5	7.5	17.5	5.6263	0.97303	0.63718	2999.71
2731	27.5	8.5	0.10836	0	2.5	7.5	17.5	5.6263	0.97303	0.63718	2999.71
2732	32.5	8.5	0.10836	2.5	0	5	17.5	5.6263	0.97303	0.63718	2999.71
2733	27.5	8.5	0.10836	0	2.5	7.5	17.5	5.6263	0.97303	0.63718	2999.71
2734	32.5	7.5	0.10836	2.5	0	20	17.5	5.6263	0.97303	0.63718	2999.71
2735	40	17.5	0.03334	22.5	7.5	2.5	7.5	4.43602	0.92976	0.55795	2999.71
2736	37.5	12.5	0.03334	0	0	2.5	7.5	4.84719	0.92333	0.57752	2999.71
2737	20	5	0.10836	17.5	5	20	12.5	5.893	0.99282	0.77713	2999.71
2738	27	7	0.10836	0	2.5	5	12.5	5.42114	0.93661	0.64072	2999.71
2739	30	10	0.10836	0	2.5	0	2.5	5.42114	0.93661	0.64072	2999.71
2740	30	10	0.10836	0	2.5	0	2.5	5.42114	0.93661	0.64072	2999.71
2741	27.5	11.5	0.10836	2.5	0	8.5	33.5	5.42114	0.93661	0.64072	2999.71
2742	27.5	11.5	0.10836	2.5	0	8.5	33.5	5.42114	0.93661	0.64072	2999.71
2743	30	10	0.10836	0	2.5	0	2.5	5.42114	0.93661	0.64072	2999.71
2744	30	9	0.10836	2.5	0	2.5	10	5.42114	0.93661	0.64072	2999.71
2745	25	10	0.10836	2.5	0	10	22.5	5.42114	0.93661	0.64072	2999.71
2746	25	10	0.10836	2.5	0	10	22.5	5.42114	0.93661	0.64072	2999.71
2747	50	22.5	0.09169	2.5	0	15	20	5.42114	0.93661	0.64072	2999.71
2748	50	22.5	0.09169	2.5	0	15	20	5.42114	0.93661	0.64072	2999.71
2749	30	10	0.09169	12.5	5	7.5	20	5.11406	0.95564	0.44134	2999.71
2750	20	2	0.10836	10	2.5	5	17.5	5.96918	0.9809	0.8427	2999.71
2751	27.5	7.5	0.10836	2.5	2.5	5	22.5	5.50959	0.95894	0.67102	2999.71
2752	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2753	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2754	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2755	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2756	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2757	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2758	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2759	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2760	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2761	25	5	0.10836	7.5	2.5	5	7.5	5.70477	0.9777	0.62742	2999.71
2762	35	11.5	0.10836	0	0	2.5	2.5	5.20539	0.94221	0.62415	2999.71
2763	30	10	0.10836	0	0	10	22.5	5.20539	0.94221	0.62415	2999.71
2764	30	10	0.10836	0	0	10	22.5	5.20539	0.94221	0.62415	2999.71
2765	35	12.5	0.10836	2.5	12.5	12.5	5	4.554	0.93542	0.48331	2999.71
2766	30	7.5	0.10836	35	5	7.5	12.5	5.41063	0.95505	0.61643	2999.71
2767	42.5	22.5	0.10836	0	0	2.5	12.5	2.78193	1.07143	0.61727	2999.71

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2768	25	7.5	0.10836	2.5	2.5	12.5	20	5.55166	0.98127	0.59257	2999.72
2769	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2770	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2771	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2772	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2773	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2774	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2775	25	5	0.27506	27.5	5	7.5	12.5	5.44448	0.94005	0.9072	2999.72
2776	35	15	0.03334	32.5	5	0	20	5.0783	0.92729	0.59711	2999.72
2777	37.5	15	0.03334	52.5	10	2.5	7.5	5.37998	0.95008	0.52306	2999.72
2778	25	7.5	0.10836	0	0	2.5	10	5.97266	0.96525	1.13059	2999.72
2779	22.5	2.5	0.1063	0	0	10	20	5.97266	0.96525	1.13059	2999.72
2780	25	7.5	0.10836	5	2.5	7.5	17.5	5.21942	0.95986	0.5964	2999.72
2781	27.5	7.5	0.10836	50	7.5	2.5	10	5.38072	0.96379	0.7271	2999.72
2782	37.5	15	0.10836	0	0	2.5	5	5.50994	0.95763	0.66262	2999.72
2783	27.5	7.5	0.10836	27.5	5	10	15	5.10693	0.96873	0.48831	2999.72
2784	27.5	7.5	0.10836	27.5	5	10	15	5.10693	0.96873	0.48831	2999.72
2785	22.5	7.5	0.10836	2.5	0	7.5	22.5	5.53172	0.96137	0.62016	2999.72
2786	30	12.5	0.10836	40	20	7.5	5	5.79178	0.96617	0.78089	2999.72
2787	48.5	20	0.10836	1	1.5	0	5	5.12904	0.92761	0.51474	2999.72
2788	25	7.5	0.10836	0	0	2.5	17.5	5.3977	0.95135	0.65122	2999.72
2789	30	5	0.10836	0	0	5	15	5.967	0.98142	0.73934	2999.72
2790	20	5	0.10836	0	0	10	27.5	5.967	0.98142	0.73934	2999.72
2791	25	7.5	0.27506	42.5	0	12.5	7.5	5.28333	0.9502	0.65023	2999.72
2792	27.5	5	0.10836	20	7.5	7.5	7.5	5.76615	0.97815	0.50578	2999.72
2793	27.5	5	0.10836	20	7.5	7.5	7.5	5.76615	0.97815	0.50578	2999.72
2794	27.5	10	0.10836	32.5	5	7.5	12.5	5.10565	0.93379	0.605	2999.72
2795	45.5	18	0.10836	5	0	5	35	5.17727	0.94598	0.52765	2999.72
2796	45.5	18	0.10836	5	0	5	35	5.17727	0.94598	0.52765	2999.72
2797	30	12.5	0.10836	40	15	7.5	7.5	5.42272	0.94951	0.66776	2999.72
2798	25	7.5	0.10836	22.5	10	10	7.5	5.28533	0.93376	0.71941	2999.72
2799	35	15	0.03334	32.5	5	0	20	5.28533	0.93376	0.71941	2999.72
2800	35	15	0.03334	32.5	5	0	20	5.28533	0.93376	0.71941	2999.72
2801	20	2.5	0.33341	55	5	7.5	7.5	5.68361	0.97685	0.86364	2999.72
2802	37.5	15	0.03331	0	0	2.5	7.5	5.58553	0.95831	0.68915	2999.73
2803	27.5	10	0.10836	0	0	5	15	5.58553	0.95831	0.68915	2999.73
2804	37.5	15	0.03334	0	0	2.5	7.5	5.58553	0.95831	0.68915	2999.73
2805	37.5	17.5	0.10836	5	2.5	5	20	4.96369	0.94164	0.62012	2999.73
2806	25	5	0.10836	57.5	5	7.5	5	5.92058	0.96385	0.96198	2999.73

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2807	35	12.5	0.10836	5	5	2.5	12.5	5.45115	0.97629	0.58422	2999.73
2808	32.5	10	0.10836	0	2.5	10	17.5	5.32624	0.96597	0.57612	2999.73
2809	32.5	10	0.10836	0	2.5	10	17.5	5.32624	0.96597	0.57612	2999.73
2810	27.5	8.5	0.1063	0	0	2.5	2.5	5.27507	0.94536	0.70283	2999.73
2811	27.5	7.5	0.10836	0	0	10	22.5	5.27507	0.94536	0.70283	2999.73
2812	27.5	7.5	0.10836	0	0	15	22.5	5.27507	0.94536	0.70283	2999.73
2813	30	10	0.10836	0	0	2.5	10	5.27507	0.94536	0.70283	2999.73
2814	27.5	7.5	0.03334	0	0	2.5	10	5.27507	0.94536	0.70283	2999.73
2815	25	5	0.10836	27.5	5	7.5	12.5	5.59725	0.95162	0.78819	2999.73
2816	25	5	0.10836	27.5	5	7.5	12.5	5.59725	0.95162	0.78819	2999.73
2817	35	12.5	0.03334	0	0	5	25	5.53642	0.97575	0.49041	2999.73
2818	35	12.5	0.03334	0	0	5	25	5.53642	0.97575	0.49041	2999.73
2819	27	10	0.10836	7.5	2.5	7.5	7.5	5.73257	0.9582	0.81559	2999.73
2820	40	20	0.03334	0	0	2.5	7.5	4.96822	0.93875	0.49892	2999.73
2821	40	20	0.03334	0	0	2.5	7.5	4.96822	0.93875	0.49892	2999.73
2822	35	15	0.03334	0	0	2.5	7.5	4.96822	0.93875	0.49892	2999.73
2823	45	20	0.10836	0	0	0	2.5	4.96822	0.93875	0.49892	2999.73
2824	45	20	0.10836	0	0	0	2.5	4.96822	0.93875	0.49892	2999.73
2825	45	20	0.10836	0	0	0	2.5	4.96822	0.93875	0.49892	2999.73
2826	35	17.5	0.01087	0	0	7.5	10	4.96822	0.93875	0.49892	2999.73
2827	30	7.5	0.10836	40	5	7.5	12.5	5.19512	0.92807	0.68614	2999.73
2828	20	8.5	0.10836	0	0	12.5	25	2.07533	1.02151	0.56101	2999.73
2829	30	7.5	0.10836	42.5	5	5	10	5.68149	0.95483	0.70528	2999.73
2830	30	9	0.10836	0	0	5	7.5	5.68149	0.95483	0.70528	2999.73
2831	47.5	20	0.10836	0	0	2.5	7.5	5.68877	0.97445	0.49217	2999.73
2832	30	10	0.10836	27.5	5	7.5	20	5.14197	0.99771	0.5653	2999.73
2833	32.5	15	0.10836	10	2.5	7.5	10	4.94394	0.94394	0.44763	2999.73
2834	32.5	15	0.10836	10	2.5	7.5	10	4.94394	0.94394	0.44763	2999.73
2835	35	12.5	0.03334	7.5	5	10	15	4.94394	0.94394	0.44763	2999.73
2836	30	7.5	0.10836	27.5	5	10	10	5.396	0.94357	0.67168	2999.73
2837	30	7.5	0.10836	27.5	5	10	10	5.396	0.94357	0.67168	2999.73
2838	30	7.5	0.10836	27.5	5	10	10	5.396	0.94357	0.67168	2999.73
2839	32.5	5	0.09449	20	2.5	2.5	10	5.22106	0.93971	0.63501	2999.73
2840	35	15	0.03334	10	2.5	10	17.5	5.09481	0.92914	0.51603	2999.73
2841	25	7.5	0.10831	50	5	10	5	5.81387	0.98101	0.82552	2999.73
2842	25	7.5	0.10831	50	5	10	5	5.81387	0.98101	0.82552	2999.73
2843	37.5	15	0.01084	2.5	0	0	5	5.94967	1.00318	0.47017	2999.73
2844	42.5	17.5	0.10836	0	0	2.5	0	5.30258	0.94098	0.6338	2999.73
2845	35	15	0.10836	5	5	10	10	3.30457	0.9858	0.41623	2999.74

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2846	20	5	0.10836	30	5	15	20	5.5798	0.96032	0.87608	2999.74
2847	20	7.5	0.10836	50	0	7.5	12.5	5.14983	0.98495	0.85269	2999.74
2848	34	7	0.10836	27.5	5	5	15	5.93231	0.96841	0.80698	2999.74
2849	40	17.5	0.03334	22.5	7.5	2.5	7.5	4.67938	0.92353	0.57202	2999.74
2850	30	10	0.33341	17.5	7.5	7.5	25	4.37689	1.04767	0.73897	2999.74
2851	15	3.5	0.27506	12.5	5	17.5	20	5.67738	0.9572	0.69544	2999.74
2852	30	10	0.10836	0	0	0	2.5	5.49859	0.94974	0.66148	2999.74
2853	30	10	0.10836	0	0	0	2.5	5.49859	0.94974	0.66148	2999.74
2854	25	7.5	0.10836	20	5	2.5	12.5	5.91505	0.99034	1.23716	2999.74
2855	25	7.5	0.10836	20	5	2.5	12.5	5.91505	0.99034	1.23716	2999.74
2856	37.5	15	0.10836	2.5	15	12.5	5	5.09013	0.92855	0.46237	2999.74
2857	37.5	15	0.01084	0	0	2.5	7.5	3.90171	0.93243	0.44336	2999.74
2858	40	22.5	0.10836	0	2.5	0	7.5	5.43467	0.96319	0.6104	2999.74
2859	40	22.5	0.10836	0	2.5	0	7.5	5.43467	0.96319	0.6104	2999.74
2860	42.5	15.5	0.10836	2.5	0	0	5	5.43467	0.96319	0.6104	2999.74
2861	42.5	15.5	0.10836	2.5	0	0	5	5.43467	0.96319	0.6104	2999.74
2862	42.5	15.5	0.10836	2.5	0	0	5	5.43467	0.96319	0.6104	2999.74
2863	42.5	15.5	0.10836	2.5	0	0	5	5.43467	0.96319	0.6104	2999.74
2864	27.5	10	0.10836	0	2.5	5	10	5.43467	0.96319	0.6104	2999.74
2865	27.5	10	0.10836	0	2.5	5	10	5.43467	0.96319	0.6104	2999.74
2866	27.5	10	0.10836	0	2.5	5	10	5.43467	0.96319	0.6104	2999.74
2867	27.5	10	0.10836	0	2.5	5	10	5.43467	0.96319	0.6104	2999.74
2868	27.5	10	0.10836	0	2.5	5	10	5.43467	0.96319	0.6104	2999.74
2869	40	7.5	0.10836	32.5	5	7.5	10	5.98996	0.97321	0.77421	2999.74
2870	30	5	0.03331	2.5	2.5	7.5	5	5.88428	0.97555	0.65185	2999.74
2871	30	5	0.03331	2.5	2.5	7.5	5	5.88428	0.97555	0.65185	2999.74
2872	42.5	17.5	0.1063	0	0	2.5	0	5.93039	0.99482	0.60453	2999.74
2873	42.5	17.5	0.10836	0	0	2.5	0	5.93039	0.99482	0.60453	2999.74
2874	42.5	17.5	0.10836	0	0	2.5	0	5.93039	0.99482	0.60453	2999.74
2875	20	4.5	0.10836	7.5	7.5	10	15	5.75951	0.96526	0.66409	2999.74
2876	34	16	0.10836	0	2.5	12.5	17.5	5.27498	0.95895	0.58313	2999.74
2877	35	12.5	0.03334	2.5	0	27.5	10	5.27498	0.95895	0.58313	2999.74
2878	52	25	0.03331	0	2.5	0	12.5	3.0558	0.96005	0.49773	2999.74
2879	47.5	22.5	0.03331	0	2.5	0	12.5	3.0558	0.96005	0.49773	2999.74
2880	27.5	12.5	0.03334	0	2.5	2.5	10	5.29477	0.94441	0.51443	2999.74
2881	35	10	0.10836	0	2.5	5	15	5.68684	0.94953	0.84582	2999.74
2882	30	7.5	0.10836	2.5	0	7.5	7.5	5.68684	0.94953	0.84582	2999.74
2883	30	7.5	0.10836	2.5	0	7.5	7.5	5.68684	0.94953	0.84582	2999.74
2884	35	15	0.03334	7.5	15	7.5	12.5	5.58872	0.97174	0.58169	2999.74

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2885	30	12.5	0.10836	70	5	5	2.5	5.37404	0.93737	0.66783	2999.74
2886	30	12.5	0.10836	70	5	5	2.5	5.37404	0.93737	0.66783	2999.74
2887	25	5	0.27506	5	2.5	7.5	10	5.70068	0.95957	0.66504	2999.74
2888	20	5	0.28346	37	18	4.2	7.9	1.34248	1.13314	0.92842	2999.75
2889	30	10	0.10836	2.5	2.5	15	15	5.53213	0.95686	0.75912	2999.75
2890	30	10	0.10836	2.5	2.5	15	15	5.53213	0.95686	0.75912	2999.75
2891	35	15	0.03331	52.5	5	5	7.5	5.07175	0.94852	0.51161	2999.75
2892	22.5	2.5	0.10836	30	5	12.5	15	5.85959	0.95316	0.64483	2999.75
2893	35	15	0.03334	10	2.5	10	17.5	4.86223	0.93672	0.48613	2999.75
2894	25	7.5	0.10836	7.5	2.5	15	17.5	5.79606	0.95637	0.64065	2999.75
2895	30	7.5	0.10836	35	5	10	7.5	5.43956	0.94196	0.68106	2999.75
2896	43.5	21.5	0.03334	0	2.5	0	32.5	0.59606	1.17263	0.34612	2999.75
2897	32.5	10	0.10836	0	0	2.5	5	5.31336	0.94003	0.63031	2999.75
2898	22.5	2	0.10836	25	12.5	5	5	5.67616	0.94575	0.81276	2999.75
2899	40	12.5	0.10836	32.5	5	5	7.5	5.86542	0.96347	0.70997	2999.75
2900	30	10	0.10836	57.5	5	5	7.5	5.83684	0.96709	0.72031	2999.75
2901	32.5	9	0.10836	0	0	5	22.5	5.92533	0.9551	0.84101	2999.75
2902	32.5	9	0.10836	0	0	5	22.5	5.92533	0.9551	0.84101	2999.75
2903	27.5	7.5	0.10836	55	5	5	5	5.26659	0.91653	0.53614	2999.75
2904	27.5	7.5	0.10836	55	5	5	5	5.26659	0.91653	0.53614	2999.75
2905	25	2.5	0.10836	12.5	0	10	7.5	5.78109	0.94753	0.92728	2999.75
2906	30	11.5	0.10836	0	0	5	17.5	5.24359	0.92842	0.64624	2999.75
2907	27.5	7.5	0.10836	47.5	10	5	7.5	5.53749	0.95051	0.69755	2999.75
2908	27.5	9	0.10836	12.5	5	15	12.5	5.52927	0.94115	0.68076	2999.75
2909	27.5	9	0.10836	12.5	5	15	12.5	5.52927	0.94115	0.68076	2999.75
2910	35	15	0.03334	7.5	2.5	5	10	4.94857	0.94442	0.47775	2999.75
2911	32.5	7.5	0.10836	5	5	10	15	5.2132	0.94164	0.59851	2999.76
2912	27.5	7.5	0.10836	2.5	2.5	2.5	5	5.49188	0.93426	0.74664	2999.76
2913	33.5	12	0.10836	15	2.5	2.5	2.5	5.03469	0.92244	0.54185	2999.76
2914	33.5	12	0.10836	15	2.5	2.5	2.5	5.03469	0.92244	0.54185	2999.76
2915	21.5	4.5	0.10836	5	2.5	10	5	3.13459	1.00991	0.74426	2999.76
2916	35	15	0.03543	32.5	5	5	7.5	5.36914	0.96551	0.50144	2999.76
2917	30	13.5	0.10836	5	2.5	10	17.5	5.67325	0.95706	0.54892	2999.76
2918	30	13.5	0.10836	5	2.5	10	17.5	5.67325	0.95706	0.54892	2999.76
2919	30	13.5	0.10836	5	2.5	10	17.5	5.67325	0.95706	0.54892	2999.76
2920	30	13.5	0.10836	5	2.5	10	17.5	5.67325	0.95706	0.54892	2999.76
2921	30	13.5	0.10836	5	2.5	10	17.5	5.67325	0.95706	0.54892	2999.76
2922	30	13.5	0.10836	5	2.5	10	17.5	5.67325	0.95706	0.54892	2999.76
2923	32.5	12.5	0.10836	15	5	5	15	5.17441	0.94116	0.45999	2999.76

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2924	25	7.5	0.10836	52.5	10	10	5	5.12759	0.99339	0.81819	2999.76
2925	32	11	0.1063	0	3	2	3	5.90903	0.97138	0.60793	2999.76
2926	30	15	0.01084	12.5	0	7.5	25	5.49483	0.93785	0.67604	2999.76
2927	25	5	0.33071	2.5	15	25	20	2.96947	1.062	0.66333	2999.76
2928	37.5	16.5	0.10836	2.5	0	2.5	21	5.70835	0.97023	0.49059	2999.76
2929	36	9	0.10836	50	0	7.5	5	5.81624	0.94454	0.71334	2999.76
2930	30	9	0.27506	5	5	12.5	20	5.68069	0.95107	0.74854	2999.76
2931	30	7	0.10836	0	2.5	2.5	2.5	5.74631	0.94985	0.67778	2999.76
2932	25	7.5	0.33341	67.5	5	5	5	5.66662	0.94595	0.70295	2999.76
2933	37.5	15	0.10836	2.5	2.5	7.5	15	5.0131	0.92173	0.60024	2999.76
2934	35	19.5	0.03334	0	0	5	17.5	4.79671	0.92027	0.42756	2999.76
2935	25	7.5	0.10836	7.5	5	5	10	5.66233	0.97342	0.55283	2999.76
2936	27.5	7.5	0.10836	5	2.5	7.5	17.5	5.59381	0.94532	0.69192	2999.77
2937	27.5	7.5	0.10836	5	2.5	7.5	17.5	5.59381	0.94532	0.69192	2999.77
2938	27.5	7.5	0.10836	5	2.5	7.5	17.5	5.59381	0.94532	0.69192	2999.77
2939	27.5	7.5	0.10836	5	2.5	7.5	17.5	5.59381	0.94532	0.69192	2999.77
2940	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2941	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2942	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2943	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2944	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2945	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2946	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2947	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2948	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2949	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2950	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2951	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2952	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2953	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2954	27.5	7.5	0.10836	5	2.5	17.5	10	5.59381	0.94532	0.69192	2999.77
2955	25	7.5	0.10836	15	5	7.5	20	5.38842	0.93298	0.74355	2999.77
2956	27.5	7.5	0.10836	30	5	5	10	5.38842	0.93298	0.74355	2999.77
2957	25	5	0.03331	2.5	2.5	5	10	5.65205	0.97872	0.70182	2999.77
2958	20	5	0.27506	2.5	0	15	35	2.82439	1.05559	0.64782	2999.77
2959	17.5	2.5	0.27506	65	7.5	7.5	2.5	2.78943	0.99069	0.67284	2999.77
2960	19	4	0.28346	33	17	5.2	8.3	1.30414	1.1224	0.89091	2999.77
2961	30	15	0.10836	7.5	0	2.5	15	4.57103	0.96074	0.48899	2999.77
2962	27.5	6	0.10836	17.5	10	5	12.5	5.22421	0.93259	0.64146	2999.77

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
2963	37.5	17.5	0.10836	0	0	5	7.5	4.613	0.92237	0.47151	2999.77
2964	30	12.5	0.10836	7.5	0	2.5	25	5.5276	0.93507	0.66873	2999.77
2965	30.5	12.5	0.10836	0	0	0	2.5	4.67784	0.98318	0.83144	2999.77
2966	30.5	12.5	0.10836	0	0	0	2.5	4.67784	0.98318	0.83144	2999.77
2967	30.5	12.5	0.10836	0	0	0	2.5	4.67784	0.98318	0.83144	2999.77
2968	32	12	0.03334	0	0	0	7.5	5.27563	0.92462	0.55489	2999.77
2969	42.5	20	0.10836	0	0	0	2.5	5.27563	0.92462	0.55489	2999.77
2970	42.5	20	0.10836	0	0	0	2.5	5.27563	0.92462	0.55489	2999.77
2971	42.5	20	0.10836	0	0	0	2.5	5.27563	0.92462	0.55489	2999.77
2972	42.5	20	0.10836	0	0	0	2.5	5.27563	0.92462	0.55489	2999.77
2973	42.5	20	0.10836	0	0	0	2.5	5.27563	0.92462	0.55489	2999.77
2974	42.5	20	0.10836	0	0	0	2.5	5.27563	0.92462	0.55489	2999.77
2975	40	17	0.00834	2.5	5	2.5	2.5	5.87241	0.97563	0.52621	2999.77
2976	46.5	27	0.10836	20.5	5	0	10	5.35899	0.94747	0.50247	2999.77
2977	25	7.5	0.10836	5	5	10	15	5.33831	0.94495	0.57279	2999.77
2978	30	9.5	0.10836	22.5	5	5	10	5.63813	0.94203	0.67363	2999.77
2979	40	20	0.10831	2.5	2.5	5	20	5.27234	0.93606	0.4834	2999.77
2980	30	10	0.03331	0	0	2.5	2.5	5.26676	0.93245	0.64081	2999.78
2981	35	15	0.03331	0	0	2.5	7.5	5.54241	0.93295	0.68629	2999.78
2982	32.5	14	0.10836	0	0	2.5	0	5.54241	0.93295	0.68629	2999.78
2983	35	15	0.03331	0	0	2.5	7.5	5.54241	0.93295	0.68629	2999.78
2984	35	15	0.03331	0	0	2.5	7.5	5.54241	0.93295	0.68629	2999.78
2985	35	17.5	0.10836	0	0	5	10	5.88787	0.94971	0.74297	2999.78
2986	32.5	12.5	0.03543	0	0	7.5	15	5.88787	0.94971	0.74297	2999.78
2987	32.5	12.5	0.03543	0	0	7.5	15	5.88787	0.94971	0.74297	2999.78
2988	30	7.5	0.10836	5	0	2.5	5	5.46366	0.92847	0.67477	2999.78
2989	30	7.5	0.10836	5	0	2.5	5	5.46366	0.92847	0.67477	2999.78
2990	30	7.5	0.10836	5	0	2.5	5	5.46366	0.92847	0.67477	2999.78
2991	30	7.5	0.10836	5	0	2.5	5	5.46366	0.92847	0.67477	2999.78
2992	32.5	10	0.10836	0	0	2.5	12.5	5.08906	0.98395	0.85352	2999.78
2993	10	5	0.04724	0	0	15	20	5.08906	0.98395	0.85352	2999.78
2994	40	18.5	0.10836	10	5	2.5	5	5.21673	0.91784	0.46566	2999.78
2995	40	18.5	0.10836	10	5	2.5	5	5.21673	0.91784	0.46566	2999.78
2996	40	18.5	0.10836	10	5	2.5	5	5.21673	0.91784	0.46566	2999.78
2997	27.5	7.5	0.1063	7.5	5	5	17.5	5.95221	0.96339	0.73025	2999.78
2998	35	12.5	0.10836	15	5	7.5	17.5	5.45039	0.92404	0.70382	2999.78
2999	25	5	0.33341	7.5	7.5	27.5	20	2.66849	1.0262	0.64737	2999.78
3000	25	7.5	0.10836	2.5	10	7.5	17.5	5.5539	0.93652	0.62036	2999.78
3001	30	10	0.10836	45	5	5	10	5.82538	0.9414	0.5707	2999.78

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3002	25	7.5	0.10831	30	5	10	10	5.93005	0.93893	0.85513	2999.78
3003	25	7.5	0.10831	30	5	10	10	5.93005	0.93893	0.85513	2999.78
3004	25	7.5	0.10836	70	10	2.5	2.5	5.73565	0.94112	0.78476	2999.78
3005	30	5	0.1063	2.5	2.5	10	20	5.26238	0.93311	0.5953	2999.78
3006	35	12.5	0.1063	0	0	2.5	2.5	5.61454	0.93956	0.59787	2999.78
3007	35	12.5	0.1063	0	0	2.5	2.5	5.61454	0.93956	0.59787	2999.78
3008	40	15	0.03331	5	2.5	5	17.5	5.37249	0.92945	0.56502	2999.78
3009	35	15	0.10836	2.5	5	12.5	22.5	4.75021	0.9719	0.42354	2999.78
3010	35	15	0.10836	2.5	5	12.5	22.5	4.75021	0.9719	0.42354	2999.78
3011	42.5	20	0.10836	2.5	0	5	17.5	5.57615	0.9394	0.55815	2999.78
3012	42.5	20	0.10836	2.5	0	5	17.5	5.57615	0.9394	0.55815	2999.78
3013	42.5	20	0.10836	2.5	0	5	17.5	5.57615	0.9394	0.55815	2999.78
3014	40	7.5	0.1063	12.5	12.5	5	7.5	4.2417	1.02144	0.78687	2999.78
3015	27.5	7.5	0.10836	32.5	5	10	12.5	5.1479	0.93674	0.50312	2999.79
3016	27.5	7.5	0.10836	32.5	5	10	12.5	5.1479	0.93674	0.50312	2999.79
3017	27.5	7.5	0.10836	30	5	10	12.5	5.60907	0.94851	0.61104	2999.79
3018	30	7.5	0.10836	5	2.5	17.5	20	5.91967	0.96358	0.91991	2999.79
3019	30	7.5	0.10836	5	2.5	17.5	20	5.91967	0.96358	0.91991	2999.79
3020	30	7.5	0.10836	5	2.5	17.5	20	5.91967	0.96358	0.91991	2999.79
3021	45	7.5	0.33341	32.5	5	5	10	5.97148	0.94713	0.81152	2999.79
3022	30	7	0.10836	5	2.5	7.5	12.5	5.9593	0.95033	0.72773	2999.79
3023	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3024	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3025	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3026	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3027	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3028	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3029	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3030	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3031	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3032	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3033	27.5	5.5	0.10836	5	2.5	5	20	5.90588	0.95889	0.7004	2999.79
3034	25	2.5	0.33341	2.5	5	25	25	2.64705	1.01042	0.65596	2999.79
3035	30	7.5	0.10831	10	5	7.5	20	5.37902	0.94146	0.58807	2999.79
3036	40	22.5	0.01084	0	0	2.5	15	4.96099	0.93601	0.42774	2999.79
3037	40	22.5	0.03334	0	0	2.5	15	4.96099	0.93601	0.42774	2999.79
3038	40	22.5	0.01084	0	0	2.5	15	4.96099	0.93601	0.42774	2999.79
3039	35	10	0.10836	0	0	2.5	2.5	5.96969	0.95487	0.65251	2999.79
3040	35	10	0.10836	0	0	2.5	2.5	5.96969	0.95487	0.65251	2999.79

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3041	35	10	0.10836	0	0	2.5	2.5	5.96969	0.95487	0.65251	2999.79
3042	35	10	0.10836	0	0	2.5	2.5	5.96969	0.95487	0.65251	2999.79
3043	25	7.5	0.10836	0	0	5	15	5.70286	0.95606	0.61219	2999.79
3044	32.5	15	0.03334	0	0	7.5	22.5	5.70286	0.95606	0.61219	2999.79
3045	32.5	10	0.10836	12.5	12.5	2.5	5	5.65395	0.9317	0.61406	2999.79
3046	32.5	10	0.10836	12.5	12.5	2.5	5	5.65395	0.9317	0.61406	2999.79
3047	32.5	10	0.10836	12.5	12.5	2.5	5	5.65395	0.9317	0.61406	2999.79
3048	32.5	10	0.10836	12.5	12.5	2.5	5	5.65395	0.9317	0.61406	2999.79
3049	32.5	10	0.10836	12.5	12.5	2.5	5	5.65395	0.9317	0.61406	2999.79
3050	35	15	0.03543	52.5	10	2.5	2.5	4.81743	0.92149	0.52778	2999.79
3051	35	15	0.03334	52.5	10	2.5	2.5	4.81743	0.92149	0.52778	2999.79
3052	25	7.5	0.10836	7.5	2.5	7.5	20	5.98805	0.95554	0.63836	2999.79
3053	27.5	7.5	0.10836	7.5	0	7.5	25	5.98805	0.95554	0.63836	2999.79
3054	25	2.5	0.10836	0	0	27.5	27.5	2.0653	1.01544	0.57994	2999.8
3055	22.5	5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3056	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3057	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3058	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3059	30	6	0.10836	0	2.5	2.5	5	5.81183	0.94469	0.70796	2999.8
3060	30	6	0.10836	0	2.5	2.5	5	5.81183	0.94469	0.70796	2999.8
3061	22.5	5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3062	22.5	5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3063	30	6	0.10836	0	2.5	2.5	5	5.81183	0.94469	0.70796	2999.8
3064	30	6	0.10836	0	2.5	2.5	5	5.81183	0.94469	0.70796	2999.8
3065	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3066	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3067	30	6	0.10836	0	2.5	2.5	5	5.81183	0.94469	0.70796	2999.8
3068	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3069	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3070	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3071	30	6	0.10836	0	2.5	2.5	5	5.81183	0.94469	0.70796	2999.8
3072	27	6.5	0.10836	0	2.5	2.5	2.5	5.81183	0.94469	0.70796	2999.8
3073	30	10	0.10836	22.5	7.5	5	10	5.68094	0.95243	0.6122	2999.8
3074	27.5	7.5	0.10836	42.5	5	5	10	5.65685	0.93455	0.67206	2999.8
3075	32.5	10	0.10836	5	5	5	20	5.98908	0.95994	0.7721	2999.8
3076	35	15	0.03334	2.5	2.5	5	20	5.6673	0.95873	0.51082	2999.8
3077	35	7.5	0.10836	15	5	12.5	15	4.93511	0.91199	0.58496	2999.8
3078	35	7.5	0.10836	15	5	12.5	15	4.93511	0.91199	0.58496	2999.8
3079	32.5	10	0.10836	0	0	7.5	7.5	5.84118	0.92981	0.74689	2999.8

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3080	32.5	10	0.10836	0	0	7.5	7.5	5.84118	0.92981	0.74689	2999.8
3081	32.5	10	0.10836	0	0	7.5	7.5	5.84118	0.92981	0.74689	2999.8
3082	32.5	10	0.1063	0	0	7.5	7.5	5.84118	0.92981	0.74689	2999.8
3083	32.5	10	0.1063	0	0	7.5	7.5	5.84118	0.92981	0.74689	2999.8
3084	37.5	19	0.1063	0	0	0	2.5	5.84118	0.92981	0.74689	2999.8
3085	40	15	0.10836	0	0	2.5	7.5	5.84118	0.92981	0.74689	2999.8
3086	25	7.5	0.10836	0	0	12.5	7.5	5.84118	0.92981	0.74689	2999.8
3087	30	7.5	0.10836	15	10	12.5	22.5	5.84118	0.92981	0.74689	2999.8
3088	30	7.5	0.10836	15	10	12.5	22.5	5.84118	0.92981	0.74689	2999.8
3089	30	7.5	0.10836	15	10	12.5	22.5	5.84118	0.92981	0.74689	2999.8
3090	30	10	0.10836	0	2.5	10	17.5	5.62334	0.94197	0.53357	2999.8
3091	35	12.5	0.03334	52.5	10	2.5	5	5.55078	0.92096	0.54955	2999.8
3092	27.5	8.5	0.33341	10	5	7.5	27.5	5.54369	0.91708	0.59189	2999.8
3093	27.5	8.5	0.33341	10	5	7.5	27.5	5.54369	0.91708	0.59189	2999.8
3094	27.5	7.5	0.10836	5	0	7.5	12.5	5.6752	0.92755	0.6515	2999.81
3095	27.5	7.5	0.10836	5	0	7.5	12.5	5.6752	0.92755	0.6515	2999.81
3096	27.5	7.5	0.10836	5	5	2.5	22.5	5.90733	0.94456	0.68768	2999.81
3097	32.5	10	0.10831	20	0	10	15	5.81647	0.94549	0.59071	2999.81
3098	22.5	5	0.10836	0	5	0	65	2.95002	1.0079	0.80865	2999.81
3099	25	7.5	0.10836	20	10	5	10	5.78269	0.93129	0.7811	2999.81
3100	30	10	0.10836	22.5	7.5	5	17.5	5.78269	0.93129	0.7811	2999.81
3101	22.5	3.5	0.33341	7.5	0	10	20	5.95808	0.94075	0.73881	2999.81
3102	25	7.5	0.10836	0	2.5	7.5	10	5.94397	0.94433	0.70983	2999.81
3103	27.5	7.5	0.1063	0	2.5	0	12.5	5.94397	0.94433	0.70983	2999.81
3104	22.5	5	0.10836	12.5	0	7.5	20	5.08017	1.10119	0.80619	2999.81
3105	22.5	5	0.10836	12.5	0	7.5	20	5.08017	1.10119	0.80619	2999.81
3106	32.5	5	0.10836	22.5	2.5	10	15	5.7134	0.92389	0.67832	2999.81
3107	39	18	0.10836	10	2.5	0	22.5	4.54805	0.92445	0.46958	2999.81
3108	39	18	0.10836	10	2.5	0	22.5	4.54805	0.92445	0.46958	2999.81
3109	25	7.5	0.10836	10	10	7.5	15	5.76586	0.93052	0.55183	2999.81
3110	25	7.5	0.10836	2.5	2.5	10	20	5.67554	0.93317	0.71483	2999.82
3111	30	10	0.09165	12.5	7.5	17.5	12.5	5.40703	0.89886	0.56573	2999.82
3112	17.5	5	0.33341	15	5	25	20	5.7395	0.94356	0.61467	2999.82
3113	30	11.5	0.10836	0	2.5	2.5	12.5	5.91163	0.93432	0.71861	2999.82
3114	27.5	7.5	0.1063	2.5	0	5	20	5.91163	0.93432	0.71861	2999.82
3115	20	2.5	0.33341	0	2.5	10	47.5	2.68165	1.04583	0.62743	2999.82
3116	20	2.5	0.33341	0	2.5	10	47.5	2.68165	1.04583	0.62743	2999.82
3117	34.5	9	0.10836	10	10	7.5	12.5	5.89741	1.12482	1.11697	2999.82
3118	25	7.5	0.10836	27.5	5	7.5	10	5.40279	0.91631	0.55777	2999.82

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3119	40	15	0.01084	0	0	5	12.5	4.99911	0.93435	0.4375	2999.82
3120	27.5	7.5	0.10836	20	5	12.5	10	5.65098	0.93235	0.60955	2999.82
3121	30	2.5	0.10836	12.5	0	12.5	20	5.36818	0.96734	0.86528	2999.82
3122	47.5	22.5	0.03334	0	0	0	2.5	5.67101	0.9232	0.52871	2999.82
3123	35	15	0.03334	0	0	0	7.5	5.67101	0.9232	0.52871	2999.82
3124	35	15	0.03334	0	0	0	7.5	5.67101	0.9232	0.52871	2999.82
3125	50	25.5	0.03334	0	0	1	31.5	5.07774	0.90457	0.4844	2999.82
3126	39	13.5	0.10836	2.5	0	2.5	7.5	5.27353	0.92321	0.53521	2999.83
3127	25	5.5	0.10836	22.5	15	5	10	5.79601	0.92702	0.73368	2999.83
3128	17.5	2.5	0.10836	2.5	0	12.5	30	1.9629	1.00418	0.58992	2999.83
3129	17.5	2.5	0.33341	2.5	0	20	37.5	1.9629	1.00418	0.58992	2999.83
3130	32.5	12.5	0.10836	12.5	2.5	7.5	12.5	5.21068	0.9163	0.50356	2999.83
3131	27.5	11.5	0.10836	0	1	4	15	5.95835	0.9299	0.79886	2999.83
3132	27.5	11.5	0.10836	0	1	4	15	5.95835	0.9299	0.79886	2999.83
3133	32.5	8	0.10836	0	0	2.5	17.5	5.95835	0.9299	0.79886	2999.83
3134	30	7.5	0.10836	0	0	12.5	27.5	5.95835	0.9299	0.79886	2999.83
3135	30	5	0.10836	0	0	2.5	15	5.70674	0.92455	0.54285	2999.83
3136	30	5	0.10836	0	0	2.5	15	5.70674	0.92455	0.54285	2999.83
3137	30	7	0.10836	0	0	5	15	5.75862	0.90703	0.65735	2999.83
3138	30	7	0.10836	0	0	5	15	5.75862	0.90703	0.65735	2999.83
3139	35	10	0.1063	0	0	0	2.5	5.75862	0.90703	0.65735	2999.83
3140	32.5	12.5	0.10836	0	0	2.5	5	5.75862	0.90703	0.65735	2999.83
3141	32.5	10	0.1063	0	0	2.5	2.5	5.75862	0.90703	0.65735	2999.83
3142	32.5	10	0.1063	0	0	2.5	2.5	5.75862	0.90703	0.65735	2999.83
3143	40	17.5	0.01084	0	0	10	7.5	5.17078	0.96585	0.43657	2999.83
3144	35	15	0.10836	2.5	2.5	5	30	5.30012	0.93452	0.5756	2999.83
3145	30	10	0.03334	2.5	2.5	5	20	5.30012	0.93452	0.5756	2999.83
3146	25	7.5	0.10836	0	0	5	15	5.80815	0.92126	0.64762	2999.83
3147	37.5	17.5	0.03189	7.5	10	5	10	4.59872	0.92879	0.49637	2999.83
3148	25	7.5	0.10836	15	5	12.5	15	5.38009	0.91119	0.60519	2999.84
3149	40	15	0.10836	2.5	0	2.5	17.5	4.16732	1.01136	0.76723	2999.84
3150	40	17.5	0.03331	40	5	2.5	5	5.96205	0.9537	0.52983	2999.84
3151	40	17.5	0.03331	40	5	2.5	5	5.96205	0.9537	0.52983	2999.84
3152	40	17.5	0.03331	40	5	2.5	5	5.96205	0.9537	0.52983	2999.84
3153	35	17.5	0.03331	2.5	0	7.5	5	5.74118	0.92383	0.585	2999.84
3154	35	17.5	0.03331	2.5	0	7.5	5	5.74118	0.92383	0.585	2999.84
3155	30	10	0.1063	40	5	2.5	15	5.96969	0.9224	0.74555	2999.84
3156	30	11.5	0.10836	0	0	7.5	15	5.95582	0.92677	0.70483	2999.84
3157	35	10	0.03334	42.5	5	5	5	5.84265	0.93978	0.58283	2999.84

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3158	35	10	0.03331	42.5	5	5	5	5.84265	0.93978	0.58283	2999.84
3159	35	10	0.03334	42.5	5	5	5	5.84265	0.93978	0.58283	2999.84
3160	35	10	0.03334	42.5	5	5	5	5.84265	0.93978	0.58283	2999.84
3161	37.5	12.5	0.10836	0	2.5	15	15	5.67164	0.92743	0.5901	2999.84
3162	37.5	12.5	0.10836	0	2.5	15	15	5.67164	0.92743	0.5901	2999.84
3163	35	10	0.03331	42.5	7.5	12.5	5	5.57869	0.92562	0.55914	2999.84
3164	32.5	15	0.03334	2.5	2.5	5	22.5	5.61765	0.92304	0.60166	2999.85
3165	30	5	0.33341	55	12.5	5	5	5.61765	0.92304	0.60166	2999.85
3166	32.5	15	0.03334	2.5	2.5	5	22.5	5.61765	0.92304	0.60166	2999.85
3167	30	10	0.03331	5	7.5	15	7.5	5.46546	0.91924	0.55537	2999.85
3168	30	10	0.10836	0	0	5	12.5	5.93414	0.92066	0.69741	2999.85
3169	30	15.5	0.1063	0	0	2.5	2.5	5.93414	0.92066	0.69741	2999.85
3170	27	8	0.33071	35	5	5	5	5.75875	1.01654	0.8733	2999.85
3171	30	5	0.33341	55	12.5	5	5	5.70502	0.90995	0.58769	2999.85
3172	25	4	0.33341	7.5	2.5	15	34.5	2.6985	1.00366	0.67876	2999.85
3173	25	5	0.1063	12.5	7.5	15	17.5	2.48494	1.0042	0.62976	2999.86
3174	25	5	0.1063	12.5	7.5	15	17.5	2.48494	1.0042	0.62976	2999.86
3175	25	4	0.10836	7.5	0	22.5	35	4.40707	0.96063	0.4486	2999.86
3176	35	15	0.10831	17.5	10	7.5	20	5.96426	0.95021	0.48951	2999.86
3177	35	15	0.10836	17.5	10	7.5	20	5.96426	0.95021	0.48951	2999.86
3178	25	10	0.10836	17.5	5	7.5	17.5	5.85276	0.92424	0.63978	2999.86
3179	40	18.5	0.03334	5	2.5	2.5	0	5.52922	0.91192	0.56726	2999.86
3180	27.5	5	0.10836	30	5	10	5	5.62126	0.92213	0.54402	2999.86
3181	27.5	5	0.10836	30	5	10	5	5.62126	0.92213	0.54402	2999.86
3182	27.5	5	0.10836	30	5	10	5	5.62126	0.92213	0.54402	2999.86
3183	32.5	10	0.10836	40	22.5	5	5	5.62126	0.92213	0.54402	2999.86
3184	30	7.5	0.10836	12.5	0	10	15	5.41681	1.07486	0.833	2999.86
3185	42.5	17.5	0.10836	2.5	5	7.5	15	5.92069	0.93556	0.50745	2999.86
3186	30	7.5	0.10836	32.5	5	10	10	5.86772	0.92534	0.62956	2999.86
3187	22.5	5.5	0.10836	0	0	15	35	2.50279	1.03596	0.60153	2999.86
3188	22.5	5.5	0.10836	0	0	15	35	2.50279	1.03596	0.60153	2999.86
3189	22.5	5.5	0.10836	0	0	15	35	2.50279	1.03596	0.60153	2999.86
3190	22.5	5.5	0.10836	0	0	15	35	2.50279	1.03596	0.60153	2999.86
3191	37.5	18	0.27506	15	30	5	7.5	5.58781	0.92341	0.50369	2999.86
3192	18.5	4.5	0.33341	15	10	7.5	17.5	3.15578	1.06891	0.72328	2999.86
3193	30	10	0.10836	10	0	5	12.5	5.80027	0.92451	0.5795	2999.87
3194	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3195	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3196	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3197	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3198	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3199	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3200	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3201	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3202	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3203	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3204	33.5	11	0.10836	17.5	7.5	5	5	5.81547	0.912	0.62635	2999.88
3205	30	12.5	0.10836	5	5	7.5	7.5	5.8065	0.92078	0.55843	2999.88
3206	40	15	0.1063	2.5	0	0	10	5.54222	0.93406	0.47659	2999.88
3207	21.5	4.5	0.33341	2	0	8	37.5	2.65699	0.99288	0.67135	2999.88
3208	21.5	4.5	0.33341	2	0	8	37.5	2.65699	0.99288	0.67135	2999.88
3209	21.5	4.5	0.33341	2	0	8	37.5	2.65699	0.99288	0.67135	2999.88
3210	37.5	12.5	0.10831	50	5	5	7.5	4.72782	0.91744	0.47226	2999.88
3211	32.5	9.5	0.10836	5	2.5	5	10	5.9423	0.91354	0.66493	2999.89
3212	45	25	0.03334	0	0	2.5	7.5	2.77744	0.99418	0.49369	2999.89
3213	45	25	0.03334	0	0	2.5	7.5	2.77744	0.99418	0.49369	2999.89
3214	27.5	10	0.10836	27.5	5	7.5	12.5	5.03389	1.03012	0.78245	2999.89
3215	27.5	10	0.10836	27.5	5	7.5	12.5	5.03389	1.03012	0.78245	2999.89
3216	40	18	0.03334	0	0	5	12.5	5.88092	0.91559	0.56252	2999.89
3217	40	18	0.03334	0	0	5	12.5	5.88092	0.91559	0.56252	2999.89
3218	40	17.5	0.03334	0	0	2.5	7.5	5.88092	0.91559	0.56252	2999.89
3219	25	6	0.33071	25	5	0	0	5.37165	1.01646	0.85871	2999.89
3220	37	16.5	0.33071	30	5	10	15	5.66011	0.8953	0.46477	2999.89
3221	22.5	3.5	0.33341	0	2.5	7.5	60	2.66341	1.01046	0.48936	2999.9
3222	80	40	0.0025	0	0	0	2.5	5.85842	0.905	0.43787	2999.9
3223	80	40	0.0025	0	0	0	2.5	5.85842	0.905	0.43787	2999.9
3224	80	40	0.0025	0	0	0	2.5	5.85842	0.905	0.43787	2999.9
3225	25	5	0.33341	5	2.5	35	15	2.4877	0.9889	0.65462	2999.91
3226	30	10	0.03334	2.5	0	17.5	32.5	1.16217	1.06962	0.43764	2999.91
3227	37.5	17.5	0.10836	0	0	5	25	4.85321	0.9877	0.54159	2999.91
3228	40	17.5	0.03331	0	0	0	2.5	4.85321	0.9877	0.54159	2999.91
3229	37.5	13.5	0.10836	2.5	2.5	5	22.5	3.98074	0.94804	0.44189	2999.92
3230	45	20	0.10836	0	0	0	2.5	4.38457	0.934	0.43563	2999.92
3231	45	20	0.10836	0	0	2.5	2.5	4.38457	0.934	0.43563	2999.92
3232	45	20	0.10836	0	0	2.5	2.5	4.38457	0.934	0.43563	2999.92
3233	45	20	0.1063	0	0	2.5	2.5	4.38457	0.934	0.43563	2999.92
3234	45	20	0.1063	0	0	2.5	2.5	4.38457	0.934	0.43563	2999.92
3235	20	2	1.08358	2.5	0	7.5	59	2.89095	0.99181	0.66203	2999.92

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3236	20	2	1.08358	2.5	0	7.5	59	2.89095	0.99181	0.66203	2999.92
3237	20	2	1.08358	2.5	0	7.5	59	2.89095	0.99181	0.66203	2999.92
3238	20	2	1.08358	2.5	0	7.5	59	2.89095	0.99181	0.66203	2999.92
3239	30	7.5	0.1063	20	12.5	0	10	4.92229	0.97687	0.73271	2999.92
3240	37.5	12.5	0.10836	0	0	5	5	4.12429	0.99135	0.59745	2999.93
3241	30	10	0.10836	7.5	2.5	7.5	17.5	4.52942	0.93741	0.45578	2999.93
3242	17.5	7.5	0.33341	10	5	5	52.5	2.6562	1.02343	0.62196	2999.93
3243	25	2.5	0.33341	5	2.5	32.5	30	3.24806	1.05102	0.70018	2999.94
3244	22.5	3.5	0.33341	7.5	2.5	25	25	3.24806	1.05102	0.70018	2999.94
3245	20	3.5	0.10836	12.5	2.5	0	57.5	2.67566	1.05487	0.58657	2999.94
3246	32.5	12.5	0.03334	0	0	5	10	2.76594	1.03673	0.47157	2999.94
3247	25	2.5	0.33343	0	2.5	10	45	2.89944	0.9894	0.67996	2999.94
3248	20	3	1.08358	2.5	0	7.5	62.5	3.35307	1.02457	0.81038	2999.94
3249	32.5	6.5	0.10836	2.5	2.5	10	12.5	5.08036	0.90836	0.46981	2999.94
3250	20	3	0.33341	2.5	5	9.5	43	2.79075	1.10883	0.59691	2999.95
3251	40	20	0.09169	0	0	5	10	2.65482	0.98746	0.55506	2999.95
3252	40	20	0.09169	0	0	5	10	2.65482	0.98746	0.55506	2999.95
3253	20	2.5	0.33341	10	2.5	17.5	27.5	2.64383	1.02884	0.82815	2999.96
3254	20	2.5	0.33341	10	2.5	17.5	27.5	2.64383	1.02884	0.82815	2999.96
3255	37.5	12.5	0.10836	10	0	5	17.5	3.99656	1.02267	0.56957	2999.96
3256	40	20	0.03334	0	0	2.5	5	5.83641	0.90697	0.44855	2999.97
3257	30	7.5	0.10836	12.5	5	7.5	12.5	5.47442	1.03751	0.90753	2999.97
3258	30	7.5	0.10836	12.5	5	7.5	12.5	5.47442	1.03751	0.90753	2999.97
3259	30	7.5	0.10836	12.5	5	7.5	12.5	5.47442	1.03751	0.90753	2999.97
3260	30	7.5	0.10836	12.5	5	7.5	12.5	5.47442	1.03751	0.90753	2999.97
3261	30	7.5	0.10836	12.5	5	7.5	12.5	5.47442	1.03751	0.90753	2999.97
3262	40	17.5	0.10836	2.5	0	7.5	25	4.39341	0.91173	0.49471	2999.97
3263	40	17.5	0.10836	2.5	0	7.5	25	4.39341	0.91173	0.49471	2999.97
3264	32.5	12.5	0.03334	5	2.5	10	17.5	5.60587	0.96076	0.55658	2999.97
3265	35	5	0.10836	2.5	7.5	20	15	3.06981	1.01648	0.66997	2999.98
3266	48	29.5	0.03334	7.5	5	3	4.5	5.34597	0.829	0.24586	2999.99
3267	40	17.5	0.03331	2.5	2.5	10	5	5.28378	0.84982	0.23992	2999.99
3268	25	5	0.33341	0	2.5	20	37.5	2.76272	1.03527	0.648	2999.99
3269	42	20.5	0.01084	0	0	3	14.5	5.59266	0.8646	0.24402	2999.99
3270	60	27.5	0.01084	0	0	2.5	5	5.59266	0.8646	0.24402	2999.99
3271	60	27.5	0.01084	0	0	2.5	5	5.59266	0.8646	0.24402	2999.99
3272	60	27.5	0.01084	0	0	2.5	5	5.59266	0.8646	0.24402	2999.99
3273	33.5	15	0.10836	10	0	17.5	20	5.80938	0.97916	0.55634	2999.99
3274	34	16	0.10836	0	2	3	24.5	4.212	0.92527	0.45114	2999.99

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3275	40	22.5	0.01084	5	0	5	5	5.42767	0.93864	0.38462	3000
3276	18	3	0.33071	39	8	6	5	1.24661	1.13808	1.04364	3000
3277	35	15	0.03334	7.5	5	5	17.5	4.75393	0.91527	0.54695	3000
3278	45	25	0.10836	40	12.5	0	2.5	4.32791	0.94566	0.48083	3000
3279	37.5	18.5	0.03334	7.5	0	2.5	10	5.80257	0.94794	0.43123	3000
3280	35	16	0.10836	0	1	4	12.5	5.98572	0.76734	0.46696	3000
3281	40	15	0.03334	52.5	5	5	5	5.86534	0.94443	0.48006	3000
3282	25	9	0.33071	60	5	0	5	1.47179	1.48905	1.24954	3000
3283	25	9	0.33071	60	5	0	5	1.47179	1.48905	1.24954	3000
3284	22.5	2.5	0.10836	25	5	15	27.5	3.20464	1.03413	0.68978	3000
3285	22.5	2.5	0.10836	25	5	15	27.5	3.20464	1.03413	0.68978	3000
3286	18	2	1.08661	0	2.5	35	40	0.7149	0.71354	1.83239	3000
3287	7	0	0.33071	0	0	37.5	45	0.65712	0.69292	1.76769	3000
3288	10	2	0.33071	25	5	15	20	0.50991	1.25362	1.17551	3000
3289	50.5	23	0.10836	42.5	5	5	5	5.80771	0.75791	0.46757	3000
3290	21	6	0.1063	25	5	10	5	1.19114	0.87797	1.32428	3000
3291	22.5	5	0.10836	1	0	1.5	17.5	1.68012	1.34678	0.84648	3000
3292	26	8	0.33071	55	5	0	10	1.0529	0.83051	1.41046	3000
3293	18	4	0.23622	60	0	5	5	1.34733	1.413	0.97758	3000
3294	25	7.5	0.33071	50	5	7.5	10	1.47805	0.97899	0.95017	3000
3295	21	6	0.11811	47.5	7.5	0	0	1.43825	0.96462	0.96112	3000
3296	52.5	27.5	0	0	0	5	10	2.5137	1.22258	0.41865	3000
3297	30	10	0.1063	25	12.5	2.5	5	1.89948	1.14057	0.58086	3000
3298	27.5	3	0.33341	27.5	10	10	10	5.81092	1.04103	1.41653	3000
3299	50	25	0	0	0	5	12.5	2.38431	1.23047	0.43109	3000
3300	25	5	0.33071	65	5	0	5	1.301	1.35949	0.82012	3000
3301	10	2	0.33071	60	5	10	10	0.60066	1.38187	1.04394	3000
3302	18	2	1.08661	0	2.5	35	40	0.6991	0.70772	1.40208	3000
3303	18	3	0.33071	40	10	25	0	1.44167	1.55311	0.71962	3000
3304	25	10	0.1063	37.5	5	5	5	0.87426	0.76927	0.94163	3000
3305	25	5	0.33071	17.5	5	5	5	1.77455	1.08725	0.59639	3000
3306	25	2.5	0.10836	5	2.5	17.5	12.5	5.88668	1.01104	1.31588	3000
3307	65	43.5	0.00248	32.5	0	0	5	2.26552	1.22128	0.37023	3000
3308	61	37	0.00248	0	0	2.5	17.5	2.48815	1.1473	0.33727	3000
3309	58	36	0.00248	1	1	3	10	2.30947	1.20522	0.35482	3000
3310	58	36	0.00248	1	1	3	10	2.30947	1.20522	0.35482	3000
3311	61	37	0.00248	0	2.5	0	12.5	2.54943	1.17186	0.31389	3000
3312	65	43.5	0.00248	32.5	0	0	5	2.39311	1.18985	0.33545	3000
3313	27.5	5	0.10836	5	0	0	12.5	4.87796	0.71083	1.66853	3000

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3314	32.5	12.5	0.1063	0	0	5	5	1.53675	1.00026	0.62482	3000
3315	35	15	0.03331	0	2.5	0	7.5	5.75183	0.75531	0.49427	3000
3316	27.5	2	0.10836	17.5	5	2.5	12.5	5.27386	0.73103	1.47748	3000
3317	27.5	2	0.10836	17.5	5	2.5	12.5	5.27386	0.73103	1.47748	3000
3318	20	2.5	0.10836	55	7.5	7.5	10	5.88897	0.76204	1.20032	3000
3319	62	37.5	0.01181	0	1	1.5	32.5	2.4934	1.22495	0.28221	3000
3320	55	2.5	0.1063	0	0	0	15	4.88252	0.711	1.61358	3000
3321	25	10	0.1063	37.5	5	5	5	0.93873	0.79134	0.95841	3000
3322	22.5	2.5	0.10836	2.5	7.5	12.5	10	5.84354	0.75988	1.21541	3000
3323	32.5	15	0.1063	75	5	0	5	1.7709	1.07743	0.46738	3000
3324	40	2.5	0.10836	0	0	2.5	10	3.31955	0.62692	1.71682	3000
3325	55	2.5	0.25839	0	0	2.5	10	3.31955	0.62692	1.71682	3000
3326	55	2.5	0.25984	0	0	2.5	10	3.31955	0.62692	1.71682	3000
3327	55	2.5	0.25839	0	0	2.5	10	3.31955	0.62692	1.71682	3000
3328	25	2.5	0.33341	32.5	5	12.5	17.5	5.89342	0.7625	1.13156	3000
3329	27.5	7.5	0.10836	2.5	0	2.5	7.5	5.92411	0.76381	1.14	3000
3330	29	11	0.1063	2.5	0	2.5	50	0.70473	0.70979	1.24877	3000
3331	25	2.5	0.10836	20	15	7.5	15	5.85074	0.76013	1.138	3000
3332	22.5	2.5	0.10836	0	2.5	2.5	7.5	5.8094	0.75826	1.11064	3000
3333	37.5	5	0.10836	17.5	7.5	12.5	7.5	4.64129	0.69853	1.59463	3000
3334	20	7.5	0.10836	30	5	7.5	15	5.89837	0.76269	1.08113	3000
3335	32.5	10	0.10836	0	0	2.5	2.5	5.70521	0.75289	1.12752	3000
3336	25	2.5	0.10836	0	0	5	7.5	5.70521	0.75289	1.12752	3000
3337	30	5	0.10836	0	0	5	5	5.70521	0.75289	1.12752	3000
3338	25	5	0.33341	15	5	5	22.5	5.55631	0.74552	1.21284	3000
3339	25	7.5	0.10836	27.5	5	15	5	5.94494	0.76512	1.033	3000
3340	35.5	15	0.1063	0	0	5	0	1.53086	0.99777	0.51178	3000
3341	35.5	15	0.1063	0	0	5	0	1.53086	0.99777	0.51178	3000
3342	20	2.5	0.10836	32.5	5	7.5	10	5.89732	0.76263	1.05362	3000
3343	40	17.5	0.03331	2.5	0	0	7.5	5.99619	0.76752	0.51692	3000
3344	25	7.5	0.1063	7.5	2.5	20	15	5.67999	0.75177	1.10106	3000
3345	25	7.5	0.10836	2.5	2.5	5	12.5	5.65104	0.75024	1.10695	3000
3346	22.5	2.5	0.10836	17.5	7.5	7.5	5	5.76214	0.75569	1.07245	3000
3347	56	25.5	0.01084	15	5	4	3.5	5.10014	0.85328	0.2505	3000
3348	56	25.5	0.01084	15	5	4	3.5	5.10014	0.85328	0.2505	3000
3349	20	2.5	0.33071	5	5	20	30	0.60585	0.67425	1.099	3000
3350	27.5	10	0.10831	0	0	5	25	5.51509	0.74326	1.15421	3000
3351	20	3.5	0.10836	2.5	2.5	20	30	3.33835	1.10711	0.6084	3000
3352	20	3.5	0.10836	2.5	2.5	20	30	3.33835	1.10711	0.6084	3000

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3353	20	3.5	0.10836	2.5	2.5	20	30	3.33835	1.10711	0.6084	3000
3354	25	3.5	0.10836	2.5	0	5	7.5	5.13462	0.72402	1.30382	3000
3355	27.5	2.5	0.1063	51	4	0	5	5.84472	0.75986	1.00976	3000
3356	27.5	2.5	0.10836	47.5	7.5	0	5	5.84472	0.75986	1.00976	3000
3357	22.5	5	0.10836	10	5	7.5	17.5	5.91414	0.76351	0.97378	3000
3358	22.5	5	0.10836	10	5	7.5	17.5	5.91414	0.76351	0.97378	3000
3359	30	7.5	0.1063	17.5	5	7.5	10	5.94208	0.76471	0.95892	3000
3360	25	3.5	0.10836	2.5	0	5	10	5.19501	0.72704	1.26199	3000
3361	25	5	0.10836	50	5	5	7.5	5.69454	0.75236	1.03886	3000
3362	25	5	0.10836	50	5	5	7.5	5.69454	0.75236	1.03886	3000
3363	25	7.5	0.10836	32.5	5	10	12.5	5.84557	0.75995	0.96575	3000
3364	25	7.5	0.10836	32.5	5	10	12.5	5.84557	0.75995	0.96575	3000
3365	37.5	20	0.01063	0	0	5	10	5.27216	0.73095	0.49073	3000
3366	10	2	0.33071	25	5	15	20	0.47202	1.25866	1.02096	3000
3367	22.5	2.5	0.10836	27.5	5	5	12.5	4.22029	0.67645	1.59091	3000
3368	22.5	2.5	0.10836	27.5	5	5	12.5	4.22029	0.67645	1.59091	3000
3369	27.5	5	0.10836	10	2.5	5	15	3.50239	0.63718	1.68462	3000
3370	27.5	5	0.10836	10	2.5	5	10	3.50239	0.63718	1.68462	3000
3371	27.5	7.5	0.03334	2.5	0	5	10	5.77498	0.75635	0.98217	3000
3372	30	7.5	0.03334	2.5	0	5	10	5.77498	0.75635	0.98217	3000
3373	25	5	0.33341	35	12.5	1	7.5	5.78777	0.75699	0.97072	3000
3374	25	5	0.10836	0	0	5	7.5	5.33255	0.73414	1.1433	3000
3375	40	17.5	0.03334	0	0	7.5	20	5.37104	0.73598	0.49661	3000
3376	35	17.5	0.10836	0	0	5	12.5	5.37104	0.73598	0.49661	3000
3377	17.5	1	0.27506	17.5	5	10	12.5	4.28675	0.67995	1.38251	3000
3378	17.5	1	0.27506	17.5	5	10	12.5	4.28675	0.67995	1.38251	3000
3379	17.5	1	0.27506	17.5	5	10	12.5	4.28675	0.67995	1.38251	3000
3380	25	5	0.10836	45	5	5	10	5.05511	0.71988	1.23774	3000
3381	27.5	2.5	0.10836	0	0	5	12.5	4.09496	0.66966	1.40724	3000
3382	27.5	2.5	0.10836	0	0	5	12.5	4.09496	0.66966	1.40724	3000
3383	22.5	2.5	0.10836	0	0	5	15	5.48381	0.74169	1.05878	3000
3384	25	7.5	0.10836	5	5	10	15	5.97364	0.76628	0.86372	3000
3385	25	7.5	0.1063	42.5	2.5	7.5	10	5.60567	0.74786	1.00236	3000
3386	30	6.5	0.10836	2.5	0	5	10	5.88499	0.76202	0.88944	3000
3387	30	6.5	0.10836	2.5	0	5	10	5.88499	0.76202	0.88944	3000
3388	30	6.5	0.10836	2.5	0	5	10	5.88499	0.76202	0.88944	3000
3389	30	6.5	0.10836	2.5	0	5	10	5.88499	0.76202	0.88944	3000
3390	30	6.5	0.10836	2.5	0	5	10	5.88499	0.76202	0.88944	3000
3391	30	7.5	0.27506	42.5	15	5	7.5	5.77441	0.75637	0.93038	3000

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3392	35	5	0.10836	27.5	5	5	10	5.23217	1.25107	1.14024	3000
3393	35	5	0.10836	27.5	5	5	10	5.23217	1.25107	1.14024	3000
3394	35	5	0.10836	27.5	5	5	10	5.23217	1.25107	1.14024	3000
3395	35	5	0.10836	27.5	5	5	10	5.23217	1.25107	1.14024	3000
3396	35	5	0.10836	27.5	5	5	10	5.23217	1.25107	1.14024	3000
3397	35	5	0.10836	27.5	5	5	10	5.23217	1.25107	1.14024	3000
3398	35	2.5	0.1063	5	2.5	7.5	15	4.01561	0.66539	1.58202	3000
3399	25	7.5	0.10836	52.5	5	5	10	5.84822	0.76003	0.89906	3000
3400	25	7.5	0.33341	32.5	5	7.5	7.5	5.89777	0.76257	0.8763	3000
3401	30	5	0.10836	2.5	2.5	10	22.5	5.64809	0.74997	0.97015	3000
3402	25	7.5	0.1063	2.5	2.5	5	15	5.80631	1.23774	0.92689	3000
3403	25	2.5	0.10836	5	10	10	20	5.7151	0.7533	0.94325	3000
3404	25	6.5	0.33341	2.5	10	17.5	20	5.12712	0.72363	1.1144	3000
3405	30	10	0.10836	0	0	10	22.5	5.2225	0.72845	1.10199	3000
3406	32	6	0.33341	62.5	5	7.5	5	5.70648	0.75296	0.93686	3000
3407	35	2.5	0.10836	10	2.5	5	7.5	4.05041	0.66731	1.55381	3000
3408	35	2.5	0.10836	10	2.5	5	7.5	4.05041	0.66731	1.55381	3000
3409	35	2.5	0.10836	10	2.5	5	7.5	4.05041	0.66731	1.55381	3000
3410	27.5	7.5	0.10836	30	5	5	15	5.84624	0.75992	0.88122	3000
3411	25	7.5	0.10836	20	10	10	12.5	5.90666	0.76299	0.85593	3000
3412	27.5	7.5	0.1063	37.5	5	12.5	5	5.74695	0.75492	0.91655	3000
3413	27.5	7.5	0.10836	20	5	10	15	5.74695	0.75492	0.91655	3000
3414	25	2.5	0.10836	0	5	20	7.5	5.52517	0.74388	1.00107	3000
3415	25	5	0.10836	2.5	2.5	7.5	10	5.96924	0.76613	0.82717	3000
3416	25	5	0.10836	2.5	2.5	7.5	10	5.96924	0.76613	0.82717	3000
3417	25	5	0.33071	22.5	0	0	2.5	5.13734	0.72407	1.10214	3000
3418	27.5	4	0.10836	27.5	7.5	5	10	5.17187	0.7259	1.13869	3000
3419	27.5	4	0.10836	27.5	7.5	5	10	5.17187	0.7259	1.13869	3000
3420	27.5	7.5	0.10836	32.5	5	15	5	5.85258	0.76024	0.86635	3000
3421	25	7.5	0.10836	32.5	5	7.5	12.5	5.8531	0.76049	0.8675	3000.01
3422	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3423	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3424	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3425	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3426	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3427	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3428	25	5	0.27506	15	7.5	15	7.5	5.50372	0.74268	0.99963	3000.01
3429	25	7.5	0.10836	20	10	2.5	17.5	5.68567	0.75187	0.92783	3000.01
3430	25	7.5	0.10836	0	5	10	20	5.73677	0.75445	0.90481	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3431	22.5	2.5	0.10836	25	7.5	7.5	15	4.61656	0.69723	1.32985	3000.01
3432	27.5	7.5	0.10836	5	2.5	5	22.5	5.77083	0.75619	0.87685	3000.01
3433	25	7.5	0.10836	0	0	10	10	5.95824	0.76555	0.80954	3000.01
3434	40	5	0.1063	15	5	5	7.5	3.30351	0.62591	1.64587	3000.01
3435	25	5	0.1063	0	0	7.5	7.5	5.70151	0.75274	0.90202	3000.01
3436	25	5	0.1063	0	0	7.5	7.5	5.70151	0.75274	0.90202	3000.01
3437	25	5	0.1063	0	0	7.5	7.5	5.70151	0.75274	0.90202	3000.01
3438	40	7.5	0.1063	20	2.5	10	10	5.70624	1.34537	1.06859	3000.01
3439	17.5	0	1.08358	0	5	20	45	4.30065	1.26087	1.0968	3000.01
3440	37.5	18	0.1063	2.5	0	15	50	0.40063	0.59398	0.92435	3000.01
3441	37.5	17.5	0.1063	10	12.5	5	7.5	5.82378	0.75881	0.8456	3000.01
3442	30	12.5	0.10836	55	7.5	0	5	5.49411	0.74217	0.9676	3000.01
3443	30	7.5	0.10836	40	5	7.5	12.5	5.91084	0.76324	0.81418	3000.01
3444	25	5	0.10836	25	5	7.5	17.5	5.98102	0.76669	0.78259	3000.01
3445	25	2.5	0.10836	30	5	10	12.5	5.95506	0.76533	0.793	3000.01
3446	22.5	5	0.10836	37.5	7.5	8.5	16.5	5.96171	0.76566	0.79036	3000.01
3447	22.5	5	0.10836	37.5	7.5	8.5	16.5	5.96171	0.76566	0.79036	3000.01
3448	25	5	0.03331	5	2.5	2.5	12.5	5.96084	0.76582	0.791	3000.01
3449	35	7.5	0.10836	32.5	5	7.5	10	5.69435	0.75227	0.88829	3000.01
3450	50	2.5	0.10836	0	0	2.5	17.5	3.21776	0.62099	1.64689	3000.01
3451	50	2.5	0.10836	0	0	2.5	17.5	3.21776	0.62099	1.64689	3000.01
3452	50	2.5	0.10836	0	0	2.5	17.5	3.21776	0.62099	1.64689	3000.01
3453	30	7.5	0.10836	35	7.5	5	15	5.82444	0.75886	0.83737	3000.01
3454	30	7.5	0.10836	35	7.5	5	15	5.82444	0.75886	0.83737	3000.01
3455	35	15	0.03331	0	0	2.5	27.5	5.94051	0.76468	0.52136	3000.01
3456	27.5	5	0.10836	12.5	5	10	10	3.69105	0.64767	1.56012	3000.01
3457	27.5	5	0.10836	12.5	5	10	10	3.69105	0.64767	1.56012	3000.01
3458	35	2.5	0.33341	20	7.5	7.5	15	5.2501	1.26506	1.02159	3000.01
3459	27.5	7.5	0.10836	2.5	0	0	2.5	5.75071	0.75531	0.85164	3000.01
3460	37.5	17.5	0.03334	35	10	7.5	5	5.58063	0.74655	0.5161	3000.01
3461	30	7.5	0.10836	0	0	5	20	5.2632	0.73055	1.02904	3000.01
3462	30	11.5	0.10836	0	2.5	7.5	17.5	5.7596	0.75553	0.84026	3000.01
3463	30	11.5	0.10836	0	2.5	7.5	17.5	5.7596	0.75553	0.84026	3000.01
3464	22.5	2.5	0.10836	2.5	0	10	20	5.45212	0.7401	0.95628	3000.01
3465	32.5	10	0.10836	0	0	0	2.5	5.07975	0.72133	1.06824	3000.01
3466	40	2.5	0.1063	5	2.5	5	7.5	3.20468	0.62022	1.61962	3000.01
3467	30	7.5	0.10836	22.5	7.5	10	15	5.99792	0.76753	0.74708	3000.01
3468	32.5	12.5	0.10836	50	10	5	5	5.84306	0.75973	0.5288	3000.01
3469	25	10	0.10836	32.5	5	5	10	5.40179	0.73779	0.96399	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3470	25	5	0.10836	32.5	7.5	10	10	5.9628	0.76573	0.75342	3000.01
3471	40	2.5	0.10836	12.5	2.5	5	7.5	4.83445	1.25824	1.11722	3000.01
3472	40	2.5	0.10836	12.5	2.5	5	7.5	4.83445	1.25824	1.11722	3000.01
3473	40	2.5	0.10836	12.5	2.5	5	7.5	4.83445	1.25824	1.11722	3000.01
3474	40	2.5	0.10836	12.5	2.5	5	7.5	4.83445	1.25824	1.11722	3000.01
3475	40	2.5	0.10836	12.5	2.5	5	7.5	4.83445	1.25824	1.11722	3000.01
3476	36	9	0.10836	7.5	2.5	5	15	5.34559	0.73466	0.97007	3000.01
3477	24	9	0.10836	1	0	9	22	5.55679	0.7454	0.89931	3000.01
3478	37.5	12.5	0.03334	0	0	2.5	12.5	5.84516	0.75983	0.79078	3000.01
3479	40	2.5	0.10836	17.5	5	5	12.5	3.52968	0.63872	1.59456	3000.01
3480	40	2.5	0.1063	17.5	5	5	12.5	3.52968	0.63872	1.59456	3000.01
3481	40	2.5	0.1063	17.5	5	5	12.5	3.52968	0.63872	1.59456	3000.01
3482	27.5	10	0.10836	52.5	7.5	2.5	7.5	5.92722	0.76401	0.75413	3000.01
3483	35	12.5	0.1063	42.5	5	2.5	12.5	5.79613	0.75739	0.80231	3000.01
3484	35	12.5	0.10836	42.5	5	2.5	12.5	5.79613	0.75739	0.80231	3000.01
3485	25	7.5	0.10836	52.5	10	10	5	4.607	0.6968	1.23825	3000.01
3486	25	7.5	0.10836	52.5	10	10	5	4.607	0.6968	1.23825	3000.01
3487	25	7.5	0.10836	10	2.5	7.5	20	4.80099	0.70689	1.09982	3000.01
3488	25	7.5	0.10836	10	2.5	7.5	20	4.80099	0.70689	1.09982	3000.01
3489	35	15	0.03334	22.5	7.5	7.5	7.5	5.99085	0.76722	0.722	3000.01
3490	35	11	0.10836	0	0	0	5	5.4041	0.73788	0.93454	3000.01
3491	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3492	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3493	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3494	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3495	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3496	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3497	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3498	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3499	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3500	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3501	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3502	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3503	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3504	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3505	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3506	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3507	27.5	7.5	0.10836	5	2.5	17.5	10	5.63472	0.74935	0.85039	3000.01
3508	30	10	0.10836	30	7.5	7.5	5	5.63019	0.74923	0.84568	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3509	30	10	0.10836	40	5	5	10	5.65906	0.75056	0.83532	3000.01
3510	25	7.5	0.10836	57.5	5	2.5	7.5	5.9936	1.20393	0.81939	3000.01
3511	30	5	0.10836	0	1	6.5	10	5.96667	0.76596	0.7195	3000.01
3512	35	2.5	0.10836	10	5	5	10	5.87841	0.76159	0.75504	3000.01
3513	42.5	16.5	0.10836	50	15	2.5	2.5	5.56729	0.74591	0.52037	3000.01
3514	42.5	16.5	0.10836	50	15	2.5	2.5	5.56729	0.74591	0.52037	3000.01
3515	25	5	0.10836	27.5	10	5	12.5	5.38946	0.73688	0.92048	3000.01
3516	25	5	0.10836	27.5	10	5	12.5	5.38946	0.73688	0.92048	3000.01
3517	25	5	0.10836	27.5	10	5	12.5	5.38946	0.73688	0.92048	3000.01
3518	25	5	0.10836	27.5	10	5	12.5	5.38946	0.73688	0.92048	3000.01
3519	30	12.5	0.10836	22.5	5	12.5	10	5.83762	0.75952	0.76204	3000.01
3520	27.5	7.5	0.10836	30	5	5	15	5.83762	0.75952	0.76204	3000.01
3521	30	12.5	0.10836	30	5	10	12.5	5.83762	0.75952	0.76204	3000.01
3522	37.5	17.5	0.03334	0	0	10	10	5.81547	0.75853	0.53088	3000.01
3523	20	5	0.1063	0	0	2	4	4.43619	0.6878	1.25922	3000.01
3524	24	2	0.10836	27.5	5	2.5	12.5	4.60036	0.69644	1.20113	3000.01
3525	27.5	2.5	0.10836	7.5	5	12.5	10	4.84519	0.70917	1.11384	3000.01
3526	27.5	2.5	0.10836	7.5	5	12.5	10	4.84519	0.70917	1.11384	3000.01
3527	32.5	7.5	0.1063	2.5	0	0	12.5	5.62704	0.74891	0.82628	3000.01
3528	39	15	0.1063	0	0	4	5	5.45814	0.74035	0.51705	3000.01
3529	30	7.5	0.1063	42.5	0	7.5	12.5	5.63774	0.74945	0.81772	3000.01
3530	30	7.5	0.1063	42.5	0	7.5	12.5	5.63774	0.74945	0.81772	3000.01
3531	30	2.5	0.10836	65	2.5	7.5	7.5	4.42086	1.1176	1.24312	3000.01
3532	40	5	0.33341	7.5	2.5	5	12.5	3.83448	0.65551	1.59822	3000.01
3533	37.5	17.5	0.10836	25	7.5	5	9.5	5.37542	0.73617	0.44839	3000.01
3534	30	7	0.10836	0	0	5	10	5.71094	0.75313	0.7827	3000.01
3535	30	10	0.09169	2.5	2.5	2.5	15	5.93113	0.76415	0.70018	3000.01
3536	30	10	0.09169	2.5	2.5	2.5	15	5.93113	0.76415	0.70018	3000.01
3537	27.5	10	0.33341	27.5	2.5	10	5	5.6523	0.75023	0.80311	3000.01
3538	35	7.5	0.10836	30	7.5	2.5	10	3.54701	0.6397	1.54333	3000.01
3539	35	5	0.10836	7.5	5	12.5	17.5	4.92062	1.24791	1.02427	3000.01
3540	65	40	0.00248	2.5	0	2.5	10	2.17038	1.18992	0.20477	3000.01
3541	25	5	0.10836	30	7.5	7.5	12.5	5.38552	0.73672	0.89067	3000.01
3542	25	7.5	0.10836	5	0	2.5	22.5	5.28485	0.7317	0.92903	3000.01
3543	25	7.5	0.10836	5	0	2.5	22.5	5.28485	0.7317	0.92903	3000.01
3544	25	7.5	0.10836	5	0	2.5	22.5	5.28485	0.7317	0.92903	3000.01
3545	27.5	7.5	0.10836	27.5	5	7.5	15	5.75103	0.75512	0.76328	3000.01
3546	27.5	7.5	0.10836	27.5	5	7.5	15	5.75103	0.75512	0.76328	3000.01
3547	30	12.5	0.03334	20	17.5	20	5	5.47008	0.74096	0.85902	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3548	28.5	7	0.10836	10	5	2.5	7.5	5.75502	0.75536	0.75682	3000.01
3549	32.5	10	0.03334	5	5	5	17.5	5.84021	0.75958	0.72497	3000.01
3550	30	7.5	0.10836	30	5	5	12.5	5.53264	0.74417	0.83059	3000.01
3551	30	7.5	0.10836	30	5	5	12.5	5.53264	0.74417	0.83059	3000.01
3552	30	7.5	0.10836	30	5	5	12.5	5.53264	0.74417	0.83059	3000.01
3553	30	7.5	0.10836	30	5	5	12.5	5.53264	0.74417	0.83059	3000.01
3554	30	7.5	0.10836	30	5	5	12.5	5.53264	0.74417	0.83059	3000.01
3555	30	9.5	0.10836	30	5	10	5	5.6384	0.74966	0.79399	3000.01
3556	30	9.5	0.10836	30	5	10	5	5.6384	0.74966	0.79399	3000.01
3557	30	9.5	0.10836	30	5	10	5	5.6384	0.74966	0.79399	3000.01
3558	30	9.5	0.10836	30	5	10	5	5.6384	0.74966	0.79399	3000.01
3559	42.5	20	0.03331	0	0	2.5	2.5	5.66014	0.7506	0.52917	3000.01
3560	42.5	20	0.03334	0	0	2.5	2.5	5.66014	0.7506	0.52917	3000.01
3561	42.5	20	0.03334	0	0	2.5	2.5	5.66014	0.7506	0.52917	3000.01
3562	30	10	0.10836	22.5	15	5	15	5.37256	1.0319	0.85145	3000.01
3563	20	1.5	1.08358	0	2.5	35	42.5	3.4133	0.6322	1.57442	3000.01
3564	30	7.5	0.10836	7.5	0	5	22.5	4.49669	0.69099	1.03413	3000.01
3565	30	7.5	0.10836	7.5	0	5	22.5	4.49669	0.69099	1.03413	3000.01
3566	30	7.5	0.10836	7.5	0	5	22.5	4.49669	0.69099	1.03413	3000.01
3567	40	2.5	0.1063	0	0	2.5	12.5	4.29439	1.06367	1.27702	3000.01
3568	40	2.5	0.1063	0	0	2.5	12.5	4.29439	1.06367	1.27702	3000.01
3569	37.5	14	0.10836	10	15	0	20	5.69984	0.75258	0.52326	3000.01
3570	30	7.5	0.10836	5	5	7.5	20	5.90788	0.76299	0.6893	3000.01
3571	45	2.5	0.33341	25	12.5	22.5	2.5	4.32506	1.2723	1.01815	3000.01
3572	7	0	1.08661	5	2.5	52.5	28.5	4.21645	1.27058	1.02929	3000.01
3573	27.5	6.5	0.10836	10	7.5	2.5	7.5	5.40813	0.73798	0.86182	3000.01
3574	27.5	7.5	0.10836	5	2.5	5	22.5	5.75081	0.75511	0.74194	3000.01
3575	35	7.5	0.10836	7.5	5	7.5	5	4.89623	0.71178	1.02944	3000.01
3576	37.5	15.5	0.1063	50	7.5	5	0	1.37349	0.94174	0.38271	3000.01
3577	27.5	7.5	0.10836	5	2.5	5	12.5	5.762	0.75568	0.73675	3000.01
3578	35	15	0.10836	0	0	0	2.5	5.93732	0.76446	0.665	3000.01
3579	35	12.5	0.01084	2.5	5	2.5	17.5	5.72631	0.7539	0.52316	3000.01
3580	30	10	0.10836	25	5	10	5	5.84704	0.76015	0.7027	3000.01
3581	25	2.5	0.10836	47.5	15	12.5	5	5.82929	1.18785	0.84101	3000.01
3582	25	7.5	0.10836	22.5	22.5	7.5	15	5.68917	0.75208	0.75815	3000.01
3583	30	10	0.33341	35	5	5	12.5	5.68917	0.75208	0.75815	3000.01
3584	27.5	10	0.10836	52.5	5	5	7.5	5.68917	0.75208	0.75815	3000.01
3585	27.5	5	0.10836	10	7.5	7.5	12.5	4.56993	0.69482	1.15403	3000.01
3586	50	17.5	0.33341	2.5	2.5	7.5	10	3.98695	1.25986	1.00576	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3587	17.5	2	0.33341	2.5	2.5	25	50.5	3.4798	0.63586	1.58788	3000.01
3588	25	2.5	0.10836	2.5	5	7.5	15	4.31397	0.6814	1.23086	3000.01
3589	25	9	0.1063	18	6	6	4	4.37836	0.68471	1.20439	3000.01
3590	32.5	9	0.27506	2.5	2.5	17.5	30	5.80525	0.75788	0.69261	3000.01
3591	40	12.5	0.10836	7.5	2.5	5	10	5.68457	0.75182	0.73204	3000.01
3592	40	12.5	0.10836	7.5	2.5	5	10	5.68457	0.75182	0.73204	3000.01
3593	40	12.5	0.10836	7.5	2.5	5	10	5.68457	0.75182	0.73204	3000.01
3594	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3595	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3596	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3597	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3598	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3599	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3600	30	7	0.10836	25	7.5	10	0	5.55413	0.74514	0.77985	3000.01
3601	32.5	10	0.10836	2.5	2.5	2.5	5	5.75368	0.75527	0.70307	3000.01
3602	32.5	10	0.10836	2.5	2.5	2.5	5	5.75368	0.75527	0.70307	3000.01
3603	32.5	10	0.10836	2.5	2.5	2.5	5	5.75368	0.75527	0.70307	3000.01
3604	32.5	10	0.10836	2.5	2.5	2.5	5	5.75368	0.75527	0.70307	3000.01
3605	32.5	10	0.10836	2.5	2.5	2.5	5	5.75368	0.75527	0.70307	3000.01
3606	35	12.5	0.09169	10	30	2.5	15	5.62004	0.74856	0.52362	3000.01
3607	35	12.5	0.09094	10	30	2.5	15	5.62004	0.74856	0.52362	3000.01
3608	35	12.5	0.09165	10	30	2.5	15	5.62004	0.74856	0.52362	3000.01
3609	30	7.5	0.10836	55	5	7.5	5	5.52502	0.74378	0.77861	3000.01
3610	32.5	15	0.10836	52.5	12.5	5	7.5	5.89302	0.76227	0.63078	3000.01
3611	30	7	0.10836	5	2.5	5	2.5	5.5856	0.74679	0.74983	3000.01
3612	30	10	0.10836	0	5	15	20	5.30933	0.73285	0.8433	3000.01
3613	25	7.5	0.10836	5	5	5	20	5.90385	0.76285	0.61039	3000.01
3614	25	7.5	0.03331	7.5	5	5	15	5.19597	0.72714	0.87969	3000.01
3615	35	12.5	0.03334	0	12.5	5	7.5	5.90778	0.76296	0.57276	3000.01
3616	35	12.5	0.03334	52.5	10	5	5	5.90428	0.76297	0.60573	3000.01
3617	32.5	15	0.10836	2.5	7.5	5	24.5	5.55652	1.22086	0.76468	3000.01
3618	22.5	2.5	1.08358	0	0	37.5	40	3.38203	0.6304	1.57061	3000.01
3619	32.5	10	0.10836	32.5	5	2.5	7.5	5.62679	0.74896	0.72088	3000.01
3620	32.5	10	0.10836	32.5	5	2.5	7.5	5.62679	0.74896	0.72088	3000.01
3621	32.5	10	0.10836	32.5	5	2.5	7.5	5.62679	0.74896	0.72088	3000.01
3622	20	6	0.09169	20	5	5	15	5.74425	0.75483	0.67709	3000.01
3623	32.5	10	0.10836	0	0	5	7.5	5.7533	0.75525	0.6679	3000.01
3624	27.5	12.5	0.10836	10	2.5	12.5	12.5	4.90384	0.71211	0.95966	3000.01
3625	30	12.5	0.10836	0	0	5	5	5.57614	0.74641	0.73122	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3626	29.5	11.5	0.10836	0	0	2.5	0	5.31541	0.73316	0.82035	3000.01
3627	25	7.5	0.10836	0	0	5	15	5.31541	0.73316	0.82035	3000.01
3628	30	12.5	0.03334	0	0	2.5	15	5.31541	0.73316	0.82035	3000.01
3629	30	12.5	0.03334	0	0	2.5	15	5.31541	0.73316	0.82035	3000.01
3630	17.5	2	1.66705	7.5	5	22	48	4.51333	1.25317	0.94848	3000.01
3631	37.5	17.5	0.03334	0	0	5	27.5	5.7139	0.75329	0.52484	3000.01
3632	37.5	17.5	0.03334	0	0	5	27.5	5.7139	0.75329	0.52484	3000.01
3633	35	17.5	0.10836	0	0	5	12.5	5.7139	0.75329	0.52484	3000.01
3634	35	17.5	0.10836	0	0	5	12.5	5.7139	0.75329	0.52484	3000.01
3635	48.5	26.5	0.01084	0	0	5	20	5.7139	0.75329	0.52484	3000.01
3636	20	4	0.02501	22.5	0	15	15	5.95764	1.18028	0.74643	3000.01
3637	20	4	0.02501	20	2.5	15	15	5.95764	1.18028	0.74643	3000.01
3638	30	10	0.85853	32.5	5	7.5	15	5.33072	0.73412	0.81147	3000.01
3639	0	0	1.08354	2.5	0	27.5	52.5	3.5933	0.64228	1.43877	3000.01
3640	32.5	15	0.03334	0	0	7.5	22.5	5.5142	0.74322	0.74667	3000.01
3641	32.5	10	0.01084	0	0	5	7.5	5.5142	0.74322	0.74667	3000.01
3642	30	12.5	0.03334	5	5	15	10	5.66291	0.75073	0.69377	3000.01
3643	32.5	10	0.03334	5	5	5	17.5	5.66291	0.75073	0.69377	3000.01
3644	37	16.5	0.10836	37.5	5	5	12.5	5.63204	0.74928	0.54642	3000.01
3645	30	10	0.1063	2.5	7.5	10	10	4.71239	0.70227	1.01402	3000.01
3646	20	2	1.08358	40	10	15	17.5	4.69798	1.24058	0.99649	3000.01
3647	20	2	1.08358	40	10	15	17.5	4.69798	1.24058	0.99649	3000.01
3648	30	12.5	0.10836	15	5	12.5	12.5	5.52672	0.74393	0.73598	3000.01
3649	27.5	7.5	0.10836	27.5	7.5	10	10	5.52672	0.74393	0.73598	3000.01
3650	30	12.5	0.10836	30	5	10	12.5	5.52672	0.74393	0.73598	3000.01
3651	20	2.5	0.10836	32.5	5	7.5	12.5	5.48475	0.74183	0.74914	3000.01
3652	27.5	7.5	0.10836	32.5	5	5	15	5.40272	0.73764	0.7763	3000.01
3653	35	15	0.03334	2.5	10	5	22.5	5.79234	0.75721	0.62682	3000.01
3654	35	2.5	0.10836	0	5	10	17.5	4.79562	0.70654	0.98604	3000.01
3655	35	2.5	0.10836	0	5	10	17.5	4.79562	0.70654	0.98604	3000.01
3656	35	2.5	0.10836	0	5	10	17.5	4.79562	0.70654	0.98604	3000.01
3657	20	7.5	0.10836	2.5	0	12.5	20	4.79562	0.70654	0.98604	3000.01
3658	25	5	0.10836	50	5	5	5	5.15259	0.72483	0.86051	3000.01
3659	25	5	0.10836	50	5	5	5	5.15259	0.72483	0.86051	3000.01
3660	25	7.5	0.10836	25	7.5	7.5	15	5.22547	0.72861	0.83604	3000.01
3661	40	4.5	0.10836	32.5	12.5	2.5	7.5	5.22547	0.72861	0.83604	3000.01
3662	27.5	7.5	0.10836	20	5	15	12.5	5.23579	0.72929	0.82732	3000.01
3663	35	15	0.10836	60	5	5	7.5	5.77965	0.75667	0.56563	3000.01
3664	30	7.5	0.10836	45	15	2.5	10	5.28985	0.73196	0.49995	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3665	57.5	30	0.10836	7.5	2.5	5	7.5	5.69372	0.75236	0.66299	3000.01
3666	30	2.5	0.10836	40	5	2.5	7.5	4.81617	1.26497	0.97905	3000.01
3667	30	2.5	0.10836	40	5	2.5	7.5	4.81617	1.26497	0.97905	3000.01
3668	17.5	0	1.08358	2.5	12.5	25	42.5	3.0308	0.61011	1.44601	3000.01
3669	20	2.5	0.33341	2.5	5	7.5	57.5	2.82763	0.59799	1.42794	3000.01
3670	20	2.5	0.33341	2.5	5	7.5	57.5	2.82763	0.59799	1.42794	3000.01
3671	37.5	12.5	0.10836	0	2.5	15	15	5.56677	0.74584	0.70259	3000.01
3672	45	21	0.09169	0	2.5	5	12.5	5.56677	0.74584	0.70259	3000.01
3673	35	15	0.10836	7.5	0	10	20	5.53851	0.74441	0.71595	3000.01
3674	35	15	0.10836	7.5	0	10	20	5.53851	0.74441	0.71595	3000.01
3675	30	12.5	0.10836	0	0	7.5	12.5	4.84983	0.70939	0.94283	3000.01
3676	35	15	0.03331	0	2.5	12.5	27.5	5.77197	0.75618	0.60153	3000.01
3677	35	15	0.03331	0	2.5	12.5	27.5	5.77197	0.75618	0.60153	3000.01
3678	40	12.5	0.03334	0	0	2.5	22.5	5.67035	0.75123	0.65602	3000.01
3679	35	7	0.33341	47.5	0	7.5	7.5	5.30505	0.73281	0.78727	3000.01
3680	25	5	0.10836	15	5	10	12.5	5.03129	0.71868	0.87618	3000.01
3681	22.5	5	0.27506	5	32.5	7.5	12.5	5.51818	1.23012	0.87328	3000.01
3682	30	11.5	0.10836	7.5	2.5	7.5	10	5.39002	0.73694	0.75325	3000.01
3683	30	10	0.03334	10	2.5	2.5	10	5.57932	0.74652	0.68728	3000.01
3684	33	16	0.10836	15	5	7.5	5	5.53417	0.74424	0.70167	3000.01
3685	30	12.5	0.33341	10	5	12.5	22.5	5.9551	1.17279	0.71208	3000.01
3686	30	12.5	0.33341	10	5	12.5	22.5	5.9551	1.17279	0.71208	3000.01
3687	30	12.5	0.33341	10	5	12.5	22.5	5.9551	1.17279	0.71208	3000.01
3688	30	12.5	0.33341	10	5	12.5	22.5	5.9551	1.17279	0.71208	3000.01
3689	32.5	12.5	0.10836	5	2.5	5	25	5.3602	0.73555	0.76414	3000.01
3690	37.5	12.5	0.10836	10	0	12.5	15	5.3602	0.73555	0.76414	3000.01
3691	30	12.5	0.10836	25	15	12.5	12.5	5.40031	1.1958	0.72668	3000.01
3692	30	12.5	0.10836	25	15	12.5	12.5	5.40031	1.1958	0.72668	3000.01
3693	30	12.5	0.10836	25	15	12.5	12.5	5.40031	1.1958	0.72668	3000.01
3694	20	10	0.10836	2.5	2.5	10	25	5.40605	0.73781	0.74341	3000.01
3695	30	7.5	0.1063	0	0	2.5	22.5	4.83867	0.7088	0.93126	3000.01
3696	25	5	0.10836	5	0	15	17.5	5.61545	0.7483	0.66812	3000.01
3697	30	7.5	0.10836	20	10	10	12.5	5.37036	1.20487	0.72857	3000.01
3698	22.5	2.5	0.1063	5	7.5	12.5	15	5.0279	0.71859	0.86868	3000.01
3699	22.5	2.5	0.1063	5	7.5	12.5	15	5.0279	0.71859	0.86868	3000.01
3700	30	7.5	0.10836	60	10	5	5	3.51998	0.63824	1.12551	3000.01
3701	32.5	9	0.10836	0	0	5	5	5.19369	0.72701	0.80719	3000.01
3702	25	7.5	0.10836	20	5	7.5	5	5.29016	0.73192	0.7796	3000.01
3703	35	15	0.09165	15	2.5	7.5	5	5.42164	0.73856	0.50012	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3704	40	15	0.1063	47.5	10	5	7.5	5.43127	0.73909	0.7285	3000.01
3705	30	5	0.03334	0	0	5	10	5.20343	0.72752	0.80188	3000.01
3706	25	7.5	0.10836	5	5	7.5	20	4.75115	0.70428	0.95323	3000.01
3707	27.5	11.5	0.10836	2.5	0	8.5	33.5	5.27867	0.7313	0.77598	3000.01
3708	27.5	6	0.10836	0	0	7.5	0	4.97188	0.71561	0.86859	3000.01
3709	27.5	6	0.10836	0	0	7.5	0	4.97188	0.71561	0.86859	3000.01
3710	27.5	6	0.10836	0	0	7.5	0	4.97188	0.71561	0.86859	3000.01
3711	27.5	6	0.10836	0	0	7.5	0	4.97188	0.71561	0.86859	3000.01
3712	27.5	6	0.10836	0	0	7.5	0	4.97188	0.71561	0.86859	3000.01
3713	27.5	6	0.10836	0	0	7.5	0	4.97188	0.71561	0.86859	3000.01
3714	30	5	0.10836	0	0	2.5	12.5	4.97188	0.71561	0.86859	3000.01
3715	27.5	10.5	0.10836	0	0	15	17.5	4.97188	0.71561	0.86859	3000.01
3716	17.5	0	1.08358	2.5	0	35	42.5	3.63467	0.64455	1.47626	3000.01
3717	17.5	1.5	1.08358	2.5	0	32.5	42.5	3.63467	0.64455	1.47626	3000.01
3718	17.5	0	1.08358	0	2.5	0	85	3.63467	0.64455	1.47626	3000.01
3719	20	1.5	1.08358	0	2.5	35	42.5	3.7095	0.64869	1.47375	3000.01
3720	30	10	0.10836	50	5	7.5	10	5.62477	0.74878	0.64158	3000.01
3721	27.5	7.5	0.10836	45	5	5	12.5	5.10126	0.72226	0.82383	3000.01
3722	25	7.5	0.10836	10	7.5	10	7.5	5.31308	0.733	0.75831	3000.01
3723	25	7.5	0.10836	10	7.5	10	7.5	5.31308	0.733	0.75831	3000.01
3724	25	7.5	0.10836	12.5	0	7.5	25	5.83707	1.18394	0.72893	3000.01
3725	25	7.5	0.10836	12.5	0	7.5	25	5.83707	1.18394	0.72893	3000.01
3726	25	7.5	0.10836	12.5	0	7.5	25	5.83707	1.18394	0.72893	3000.01
3727	30	7.5	0.10836	7.5	5	10	17.5	3.1176	0.61522	1.45823	3000.01
3728	25	7.5	0.10836	55	7.5	5	7.5	4.35768	0.68371	1.03514	3000.01
3729	27.5	7.5	0.10836	15	5	7.5	15	5.85496	1.18695	0.71884	3000.01
3730	25	7.5	0.10836	0	0	10	25	4.97975	0.71607	0.85775	3000.01
3731	25	7.5	0.10836	0	0	10	25	4.97975	0.71607	0.85775	3000.01
3732	25	7.5	0.10836	0	0	10	25	4.97975	0.71607	0.85775	3000.01
3733	22.5	7.5	0.10836	0	0.5	7	30	5.58739	0.74688	0.64455	3000.01
3734	27.5	7.5	0.10836	7.5	2.5	7.5	20	5.8984	1.20519	0.71176	3000.01
3735	35	14.5	0.10836	2.5	0	5	32.5	4.80594	0.70702	0.49992	3000.01
3736	35	5	0.10836	50	10	5	7.5	4.63041	1.23363	0.83329	3000.01
3737	30	10	0.10836	12.5	7.5	5	20	5.43556	0.73929	0.69467	3000.01
3738	47.5	10	0.10836	2.5	7.5	10	12.5	3.98142	0.66361	1.17476	3000.01
3739	30	10	0.03331	2.5	2.5	5	12.5	5.16208	0.72536	0.7897	3000.01
3740	25	5	0.10836	7.5	10	12.5	10	4.43506	0.68778	1.00682	3000.01
3741	35	12.5	0.09169	10	2.5	5	12.5	5.6312	0.74911	0.60227	3000.01
3742	35	12.5	0.09169	10	2.5	5	12.5	5.6312	0.74911	0.60227	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3743	35	12.5	0.09169	10	2.5	5	12.5	5.6312	0.74911	0.60227	3000.01
3744	33.5	15.5	0.10836	1	1	5.5	15	5.57298	0.7464	0.56813	3000.01
3745	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3746	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3747	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3748	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3749	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3750	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3751	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3752	30	10	0.10836	5	2.5	7.5	20	5.583	0.74689	0.62645	3000.01
3753	35	12.5	0.03334	50	10	5	7.5	5.583	0.74689	0.62645	3000.01
3754	30	10	0.10831	20	2.5	15	12.5	5.37983	0.73642	0.70692	3000.01
3755	27.5	7.5	0.10836	0	0	5	32.5	5.35554	0.73518	0.712	3000.01
3756	25	7.5	0.10836	0	0	12.5	12.5	5.35554	0.73518	0.712	3000.01
3757	32.5	8	0.10836	0	0	2.5	17.5	5.35554	0.73518	0.712	3000.01
3758	37.5	19	0.1063	0	0	0	2.5	5.35554	0.73518	0.712	3000.01
3759	27.5	7.5	0.10836	27.5	5	7.5	15	4.83491	0.70862	0.877	3000.01
3760	27.5	7.5	0.10836	25	7.5	7.5	12.5	4.83491	0.70862	0.877	3000.01
3761	25	7.5	0.10836	27.5	5	7.5	12.5	4.83491	0.70862	0.877	3000.01
3762	0	0	1.08354	1	1	30	56	5.33107	1.22018	0.8533	3000.01
3763	39.5	20	0.01084	0	1	4	7.5	5.55534	0.7454	0.53785	3000.01
3764	30	10	0.03331	0	0	2.5	10	5.57656	0.74634	0.62344	3000.01
3765	30	10	0.03331	0	0	2.5	10	5.57656	0.74634	0.62344	3000.01
3766	30	10	0.03331	0	0	2.5	10	5.57656	0.74634	0.62344	3000.01
3767	30	10	0.03331	0	0	2.5	10	5.57656	0.74634	0.62344	3000.01
3768	32.5	10	0.10836	0	0	15	12.5	5.57656	0.74634	0.62344	3000.01
3769	32.5	12.5	0.10836	20	5	5	15	5.91184	1.2787	0.65209	3000.01
3770	30	10	0.10836	0	0	2.5	10	5.31102	0.73292	0.7222	3000.01
3771	30	7.5	0.10836	40	5	10	10	5.17219	0.72592	0.76736	3000.01
3772	30	7.5	0.10836	40	5	10	10	5.17219	0.72592	0.76736	3000.01
3773	10	2	0.33071	40	5	20	15	0.46032	1.18202	0.75203	3000.01
3774	30	10	0.10836	0	5	15	20	4.85583	0.70965	0.86871	3000.01
3775	30	10	0.10836	0	0	2.5	7.5	5.07711	0.72105	0.79426	3000.01
3776	32.5	15	0.10836	0	2.5	2.5	20	5.22711	0.72864	0.74183	3000.01
3777	32.5	15	0.10836	0	2.5	2.5	20	5.22711	0.72864	0.74183	3000.01
3778	30	10	0.33341	20	5	7.5	17.5	5.45425	0.74036	0.54175	3000.01
3779	30	10	0.10836	10	2.5	15	10	4.53612	0.69302	0.96468	3000.01
3780	30	10	0.10836	10	2.5	15	10	4.53612	0.69302	0.96468	3000.01
3781	30	10	0.10831	25	5	20	5	4.57286	0.69495	0.95763	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3782	32.5	17	0.10836	7.5	0	0	7.5	5.65657	1.21352	0.73788	3000.01
3783	20	1.5	1.08358	10	0	10	58.5	3.04218	0.61076	1.47611	3000.01
3784	20	1.5	1.08358	10	0	10	58.5	3.04218	0.61076	1.47611	3000.01
3785	32.5	12.5	0.03334	5	5	7.5	10	5.23534	0.72898	0.53243	3000.01
3786	20	2.5	0.10836	10	0	10	20	5.03971	1.17868	0.72895	3000.01
3787	20	2.5	0.10836	10	0	10	20	5.03971	1.17868	0.72895	3000.01
3788	20	2.5	0.10836	10	0	10	20	5.03971	1.17868	0.72895	3000.01
3789	25	7.5	0.10836	5	5	10	15	4.74223	0.70376	0.88683	3000.01
3790	30	10	0.10836	47.5	5	5	10	5.44878	0.73991	0.65056	3000.01
3791	25	5	0.10836	30	5	5	10	5.36001	0.73555	0.68117	3000.01
3792	25	5	0.10836	30	5	5	10	5.36001	0.73555	0.68117	3000.01
3793	45	5	0.10836	7.5	5	10	10	3.93296	0.66098	1.16403	3000.01
3794	45	5	0.10836	7.5	5	10	10	3.93296	0.66098	1.16403	3000.01
3795	45	5	0.10836	7.5	5	10	10	3.93296	0.66098	1.16403	3000.01
3796	17.5	0	1.08358	2.5	12.5	25	42.5	3.59752	0.64231	1.50626	3000.01
3797	27.5	7.5	0.10836	30	5	10	5	4.88122	0.71097	0.83757	3000.01
3798	30	7.5	0.10836	57.5	5	10	5	5.6504	1.17512	0.72039	3000.01
3799	30	12.5	0.10836	25	7.5	5	10	4.52968	0.69275	0.94872	3000.01
3800	20	2.5	1.08358	0	0	17.5	62.5	3.08372	0.61324	1.28867	3000.01
3801	25	7.5	0.10836	37.5	5	7.5	10	5.44067	0.73951	0.64251	3000.01
3802	33.5	14	0.10836	50	10	2.5	12.5	5.44067	0.73951	0.64251	3000.01
3803	33.5	14	0.10836	50	10	2.5	12.5	5.44067	0.73951	0.64251	3000.01
3804	35	7.5	0.10836	12.5	2.5	7.5	17.5	4.78878	1.23933	0.93777	3000.01
3805	30	7.5	0.10836	5	2.5	7.5	22.5	5.98853	1.16717	0.63048	3000.01
3806	30	10	0.03331	0	0	5	15	4.85302	0.70955	0.83824	3000.01
3807	30	7.5	0.10836	0	0	5	10	4.85302	0.70955	0.83824	3000.01
3808	35	10	0.10836	0	0	7.5	12.5	4.85302	0.70955	0.83824	3000.01
3809	20	2.5	0.33341	0	5	20	32.5	3.01847	0.60937	1.44218	3000.01
3810	30	7.5	0.1063	0	0	5	12.5	4.30558	0.68089	1.00407	3000.01
3811	37.5	12.5	0.03334	55	10	7.5	7.5	4.65428	0.69926	0.9006	3000.01
3812	30	9	0.10836	0	0	2.5	17.5	4.51504	0.69202	0.95326	3000.01
3813	17.5	0	1.08358	2.5	1.5	23.5	51	3.71575	0.64912	1.19195	3000.01
3814	17.5	0	1.08358	2.5	1.5	23.5	51	3.71575	0.64912	1.19195	3000.01
3815	19.5	2	1.08358	0	1	4	72.5	3.61596	0.64363	1.41181	3000.01
3816	41.5	20.5	0.03334	0	0	0	2.5	5.93106	1.12824	0.34828	3000.01
3817	25	7.5	0.10836	0	0	2.5	15	3.70822	0.64864	1.08639	3000.01
3818	35	15	0.01084	0	0	2.5	5	5.46961	0.74097	0.61705	3000.01
3819	35	15	0.01084	0	0	2.5	5	5.46961	0.74097	0.61705	3000.01
3820	27	9	0.1063	5	5	4	6	5.3786	0.73642	0.6561	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3821	32.5	10	0.03334	0	0	2.5	7.5	5.25542	0.73009	0.70013	3000.01
3822	32.5	10	0.03334	0	0	2.5	7.5	5.25542	0.73009	0.70013	3000.01
3823	32.5	10	0.03334	0	0	2.5	7.5	5.25542	0.73009	0.70013	3000.01
3824	32.5	10	0.03334	0	0	2.5	7.5	5.25542	0.73009	0.70013	3000.01
3825	30	10	0.1063	20	10	2.5	5	5.85703	1.17624	0.65512	3000.01
3826	30	10	0.1063	20	10	2.5	5	5.85703	1.17624	0.65512	3000.01
3827	30	10	0.1063	20	10	2.5	5	5.85703	1.17624	0.65512	3000.01
3828	30	10	0.10836	5	2.5	7.5	20	5.4686	0.74104	0.59834	3000.01
3829	17.5	0	1.08358	2.5	1.5	23.5	51	3.16996	0.61834	1.29655	3000.01
3830	17.5	0	1.08358	2.5	1.5	23.5	51	3.16996	0.61834	1.29655	3000.01
3831	17.5	0	1.08358	2.5	1.5	23.5	51	3.16996	0.61834	1.29655	3000.01
3832	17.5	0	1.08358	2.5	1.5	23.5	51	3.16996	0.61834	1.29655	3000.01
3833	17.5	0	1.08358	2.5	1.5	23.5	51	3.16996	0.61834	1.29655	3000.01
3834	20	2.5	0.33343	67.5	5	5	10	4.91279	1.24686	0.9095	3000.01
3835	35	2.5	0.1063	20	5	25	5	4.83307	0.70851	0.83361	3000.01
3836	35	12.5	0.10836	2.5	0	7.5	22.5	5.17218	0.72592	0.72351	3000.01
3837	30	7.5	0.10836	12.5	2.5	7.5	15	4.59834	1.25253	0.70883	3000.01
3838	35	12.5	0.10836	5	2.5	7.5	7.5	5.08655	0.72149	0.74831	3000.01
3839	32.5	10	0.03334	17.5	2.5	10	5	5.34516	0.73485	0.5545	3000.01
3840	32.5	12.5	0.10836	5	0	5	10	4.9899	0.71652	0.77655	3000.01
3841	27.5	7.5	0.10836	45	5	7.5	12.5	4.57096	0.69496	0.90553	3000.01
3842	30	7.5	0.03334	30	5	5	17.5	5.42783	0.73892	0.61403	3000.01
3843	25	6	0.03334	1	0	4	15	4.44578	1.2762	0.86065	3000.01
3844	35	15	0.09169	52.5	5	2.5	2.5	5.42643	0.73879	0.61273	3000.01
3845	32.5	12.5	0.10836	0	0	7.5	17.5	5.00144	0.71741	0.76577	3000.01
3846	30	11.5	0.10836	5	2.5	5	10	5.26826	0.73082	0.67391	3000.01
3847	30	11.5	0.10836	5	2.5	5	10	5.26826	0.73082	0.67391	3000.01
3848	30	11.5	0.10836	5	2.5	5	10	5.26826	0.73082	0.67391	3000.01
3849	30	11.5	0.10836	5	2.5	5	10	5.26826	0.73082	0.67391	3000.01
3850	20	1.5	1.08358	10	0	10	58.5	3.65467	0.64567	1.36852	3000.01
3851	35	12.5	0.10836	17.5	7.5	5	22.5	4.87479	0.7107	0.80303	3000.01
3852	48.5	24	0.10836	7.5	0	5	5	5.39783	0.73728	0.56887	3000.01
3853	30	10	0.10836	2.5	5	5	7.5	5.37021	0.73593	0.57132	3000.01
3854	30	10	0.10836	2.5	5	5	7.5	5.37021	0.73593	0.57132	3000.01
3855	35	10	0.10836	5	2.5	10	22.5	5.89388	1.1713	0.62017	3000.01
3856	25	7.5	0.10836	10	5	10	15	5.21613	0.72813	0.67888	3000.01
3857	30	10	0.10836	12.5	0	7.5	25	5.13919	0.72417	0.70223	3000.01
3858	27.5	5	0.33341	12.5	5	12.5	10	4.72637	0.70293	0.83668	3000.01
3859	32.5	15	0.03334	0	0	2.5	7.5	5.19376	1.21121	0.81761	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3860	30	10	0.10836	0	0	2.5	10	5.18852	0.72678	0.68325	3000.01
3861	17	1.5	0.27506	2.5	2.5	32.5	40	4.29403	0.68029	0.82563	3000.01
3862	17	1.5	0.27506	2.5	2.5	32.5	40	4.29403	0.68029	0.82563	3000.01
3863	20	2.5	0.1063	57.5	5	10	10	0.47671	1.20403	0.81876	3000.01
3864	30	10	0.33341	27.5	7.5	10	10	4.81225	0.70745	0.79482	3000.01
3865	30	7.5	0.10836	2.5	2.5	5	22.5	5.11566	0.72308	0.70082	3000.01
3866	30	7.5	0.10836	2.5	2.5	5	22.5	5.11566	0.72308	0.70082	3000.01
3867	12.5	2.5	0.10836	10	2.5	17.5	17.5	5.26033	0.73038	0.65124	3000.01
3868	22.5	3.5	0.33341	40	2.5	12.5	20	3.25966	0.62345	1.42486	3000.01
3869	32.5	10	0.10836	20	5	7.5	10	4.65879	0.69948	0.83574	3000.01
3870	25	2.5	0.33341	55	7.5	5	5	4.99536	1.24502	0.73389	3000.01
3871	0	0	1.08354	2.5	1	24	55	3.4521	0.63433	1.42495	3000.01
3872	30	12.5	0.10836	10	2.5	5	25	5.8908	1.13442	0.587	3000.01
3873	30	5	0.10836	0	2.5	2.5	10	4.77801	0.70564	0.80594	3000.01
3874	30	5	0.10836	0	2.5	2.5	10	4.77801	0.70564	0.80594	3000.01
3875	30	5	0.10836	0	2.5	2.5	10	4.77801	0.70564	0.80594	3000.01
3876	30	5	0.10836	0	2.5	2.5	10	4.77801	0.70564	0.80594	3000.01
3877	37.5	20	0.08585	0	0	5	7.5	5.31887	0.7336	0.61492	3000.01
3878	37.5	20	0.03334	0	0	5	7.5	5.31887	0.7336	0.61492	3000.01
3879	37.5	20	0.03334	0	0	5	7.5	5.31887	0.7336	0.61492	3000.01
3880	45	25	0.10836	0	0	2.5	0	5.31887	0.7336	0.61492	3000.01
3881	45	25	0.1063	0	0	2.5	0	5.31887	0.7336	0.61492	3000.01
3882	17.5	2.5	0.10836	5	0	30	30	3.04939	0.61122	1.36894	3000.01
3883	37.5	17.5	0.03334	5	5	2.5	17.5	4.78337	0.70591	0.50661	3000.01
3884	30	10	0.03334	57.5	5	12.5	7.5	5.72653	1.17262	0.64964	3000.01
3885	30	10	0.10836	0	2.5	5	25	5.20573	0.7276	0.65465	3000.01
3886	60	27.5	0.1063	17.5	10	2.5	7.5	2.06761	1.17272	0.15163	3000.01
3887	15	2.5	1.08358	0	0	12.5	75	4.46978	1.29095	0.91329	3000.01
3888	15	2.5	1.08358	0	0	12.5	75	4.46978	1.29095	0.91329	3000.01
3889	15	2.5	1.08358	0	0	12.5	75	4.46978	1.29095	0.91329	3000.01
3890	37.5	12.5	0.10836	2.5	0	10	15	5.75222	1.2602	0.57588	3000.01
3891	34.5	15	0.10836	20	5	2.5	17.5	5.30233	0.73245	0.57882	3000.01
3892	35	15	0.09169	5	0	7.5	10	5.28769	0.73194	0.58025	3000.01
3893	35	15	0.03334	2.5	2.5	7.5	17.5	5.28769	0.73194	0.58025	3000.01
3894	35	15	0.03334	2.5	2.5	7.5	17.5	5.28769	0.73194	0.58025	3000.01
3895	35	15	0.03334	2.5	2.5	7.5	17.5	5.28769	0.73194	0.58025	3000.01
3896	40	15	0.10836	2.5	5	2.5	5	4.594	0.87355	0.24204	3000.01
3897	32.5	7.5	0.10836	57.5	5	2.5	10	4.25168	0.67811	0.96056	3000.01
3898	17.5	5	1.08358	0	0	30	42.5	3.10118	0.61424	1.40737	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3899	7	0	1.08661	0	0	42.5	40	4.07205	1.25508	0.9137	3000.01
3900	7	0	0.03331	0	0	20	35	4.07205	1.25508	0.9137	3000.01
3901	7	0	0.03331	0	0	20	35	4.07205	1.25508	0.9137	3000.01
3902	27.5	7.5	0.10836	0	0	20	20	5.70794	1.19779	0.65165	3000.01
3903	30	12.5	0.10836	0	0	10	22.5	5.70794	1.19779	0.65165	3000.01
3904	30	12.5	0.10836	0	0	2.5	22.5	5.70794	1.19779	0.65165	3000.01
3905	25	7.5	0.10836	2.5	2.5	2.5	17.5	5.8268	1.23161	0.63299	3000.01
3906	25	7.5	0.10836	2.5	2.5	2.5	17.5	5.8268	1.23161	0.63299	3000.01
3907	40	7.5	0.10836	27.5	7.5	15	7.5	3.53674	0.63914	1.0008	3000.01
3908	40	7.5	0.10836	27.5	7.5	15	7.5	3.53674	0.63914	1.0008	3000.01
3909	20	3.5	0.91688	0	2.5	5	70	3.06194	0.61193	1.3782	3000.01
3910	37.5	17.5	0.03334	20	15	12.5	12.5	5.25075	0.72985	0.58449	3000.01
3911	27.5	7.5	0.10836	10	0	12.5	17.5	3.67339	0.64677	0.98323	3000.01
3912	25	9	0.10836	32.5	5	5	7.5	5.81137	1.1893	0.61153	3000.01
3913	30	10	0.10836	25	10	17.5	5	5.68583	1.14341	0.61931	3000.01
3914	30	10	0.10836	25	10	17.5	5	5.68583	1.14341	0.61931	3000.01
3915	30	10	0.10836	25	10	17.5	5	5.68583	1.14341	0.61931	3000.01
3916	30	10	0.10836	25	10	17.5	5	5.68583	1.14341	0.61931	3000.01
3917	30	10	0.10836	25	10	17.5	5	5.68583	1.14341	0.61931	3000.01
3918	30	10	0.10836	25	10	17.5	5	5.68583	1.14341	0.61931	3000.01
3919	42.5	17.5	0.10836	0	0	2.5	0	5.8635	1.24412	0.63261	3000.01
3920	25	7.5	0.03334	0	0	2.5	15	4.13776	0.67203	0.97247	3000.01
3921	37.5	17.5	0.03331	50	10	5	5	5.22515	0.72856	0.58735	3000.01
3922	32.5	12.5	0.10836	5	2.5	12.5	10	5.15897	0.72541	0.55797	3000.01
3923	20	2.5	0.33341	2.5	37.5	20	15	2.93632	1.01862	1.10472	3000.01
3924	35	10	0.03331	5	2.5	5	20	5.3671	1.17449	0.58631	3000.01
3925	35	15	0.03543	5	5	2.5	12.5	4.68277	0.70066	0.78687	3000.01
3926	27.5	2.5	0.01084	0	0	2.5	17.5	2.54723	1.00362	1.10282	3000.01
3927	35	12.5	0.10836	27.5	5	5	12.5	5.19312	0.72711	0.59095	3000.01
3928	25	5	0.33341	22.5	10	10	7.5	4.53851	0.69321	0.82266	3000.01
3929	27.5	2.5	0.1063	15	5	2.5	5	5.97567	1.17779	0.55511	3000.01
3930	37.5	12.5	0.10836	5	2.5	15	12.5	5.8254	1.17132	0.59188	3000.01
3931	7	0	1.08354	2.5	2.5	25	22.5	4.15282	1.20159	0.9325	3000.01
3932	30	7.5	0.10836	10	5	7.5	20	4.91588	0.71284	0.70446	3000.01
3933	22	3	0.27165	2.5	7.5	5	42.5	0.4141	1.20296	0.88043	3000.01
3934	35	9.5	0.10836	5	0	7.5	5	4.84713	0.7092	0.72868	3000.01
3935	32.5	15	0.03334	12.5	15	15	17.5	5.0405	0.71914	0.66707	3000.01
3936	35	15	0.03331	15	5	2.5	17.5	5.16645	0.72559	0.57075	3000.01
3937	35	15	0.1063	0	0	0	2.5	4.77101	0.7054	0.53382	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3938	25	3.5	0.33341	2.5	2.5	7.5	35	2.87352	0.60079	1.17238	3000.01
3939	30	7.5	0.10836	5	5	10	25	4.97984	0.71612	0.6787	3000.01
3940	30	7.5	0.10836	25	5	10	17.5	4.97984	0.71612	0.6787	3000.01
3941	27.5	2.5	0.10836	42.5	5	2.5	10	3.57615	0.64123	1.30528	3000.01
3942	20	2.5	0.33341	17.5	7.5	20	20	3.09931	1.01602	1.09094	3000.01
3943	27.5	7.5	0.10836	10	0	10	7.5	4.86593	1.22052	0.69591	3000.01
3944	32.5	10	0.10836	40	22.5	5	5	5.15542	0.72503	0.59599	3000.01
3945	32.5	12.5	0.1063	0	2.5	0	12.5	4.58062	1.20954	0.675	3000.01
3946	37.5	18	0.27506	15	25	5	10	5.15428	0.72508	0.59593	3000.01
3947	37.5	18	0.27506	15	25	5	10	5.15428	0.72508	0.59593	3000.01
3948	27.5	5	0.10836	5	2.5	17.5	20	5.27224	1.19728	0.71693	3000.01
3949	22.5	5	0.10836	25	5	10	20	4.74473	0.70388	0.74768	3000.01
3950	22.5	2.5	1.08661	5	35	22.5	22.5	5.12511	1.21569	0.776	3000.01
3951	35	10	0.03334	0	0	2.5	7.5	5.01299	0.7178	0.65991	3000.01
3952	35	10	0.03334	0	0	2.5	7.5	5.01299	0.7178	0.65991	3000.01
3953	40	20	0.10836	0	0	0	2.5	5.01299	0.7178	0.65991	3000.01
3954	40	20	0.10836	0	0	0	2.5	5.01299	0.7178	0.65991	3000.01
3955	42.5	20	0.10836	0	0	0	2.5	5.01299	0.7178	0.65991	3000.01
3956	30	12.5	0.10836	2.5	5	10	20	4.13488	0.67187	0.95343	3000.01
3957	30	12.5	0.10836	2.5	5	10	20	4.13488	0.67187	0.95343	3000.01
3958	35	12.5	0.03334	5	2.5	10	17.5	5.341	0.95363	0.44447	3000.01
3959	10	0	0.25984	0	60	20	5	2.59791	1.03608	1.08688	3000.01
3960	32.5	12.5	0.10836	45	12.5	5	7.5	4.20581	0.67564	0.91471	3000.01
3961	20	7.5	0.10836	40	5	10	10	5.53833	1.20879	0.65857	3000.01
3962	37.5	15	0.03334	20	5	5	12.5	4.74466	0.70387	0.51793	3000.01
3963	45	15	0.10836	0	2.5	2.5	2.5	4.1221	0.67113	0.93782	3000.01
3964	47.5	20	0.10836	2.5	0	2.5	2.5	4.1221	0.67113	0.93782	3000.01
3965	20	4.5	0.10836	2.5	0	7.5	44.5	3.64617	1.25974	0.85805	3000.01
3966	30	10	0.10836	22.5	15	10	10	4.09143	0.66954	0.95205	3000.01
3967	25	7.5	0.10836	0	0	7.5	10	4.02735	0.66604	0.97098	3000.01
3968	25	7.5	0.10836	0	0	7.5	10	4.02735	0.66604	0.97098	3000.01
3969	25	7.5	0.10836	0	0	7.5	10	4.02735	0.66604	0.97098	3000.01
3970	65	40	0.00248	2.5	0	2.5	10	1.63358	1.03612	0.20009	3000.01
3971	22.5	2.5	0.33343	2.5	0	27.5	35	3.02986	0.61004	1.01173	3000.01
3972	17.5	2.5	1.08358	0	2.5	15	55	3.39806	0.63132	1.3793	3000.01
3973	22.5	2.5	0.33343	2.5	2.5	25	32.5	2.60196	0.58419	1.02555	3000.01
3974	17.5	0	1.08358	5	7.5	15	52.5	3.37704	0.6301	1.38914	3000.01
3975	20	2.5	1.08358	10	7.5	37.5	20	3.48031	0.63586	1.33806	3000.01
3976	17.5	2.5	0.1063	0	0	22.5	32.5	0.49938	1.21162	0.85746	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
3977	22.5	7.5	0.10836	37.5	0	7.5	12.5	4.17022	0.67375	0.90231	3000.01
3978	32.5	12.5	0.03331	12.5	5	5	17.5	4.72611	0.70298	0.7341	3000.01
3979	25	2.5	0.33341	10	2.5	30	20	4.23251	1.24251	0.89458	3000.01
3980	40	5	0.10836	25	10	7.5	10	4.67512	1.2328	0.84448	3000.01
3981	20.5	3.5	0.33341	2.5	0	7.5	68.5	4.39821	1.24301	0.84061	3000.01
3982	37.5	15	0.10836	0	0	7.5	10	5.76724	1.19508	0.58841	3000.01
3983	32.5	10	0.1063	0	0	2.5	0	5.76724	1.19508	0.58841	3000.01
3984	32.5	10	0.10836	0	0	2.5	0	5.76724	1.19508	0.58841	3000.01
3985	32.5	10	0.10836	0	0	2.5	0	5.76724	1.19508	0.58841	3000.01
3986	34	11.5	0.10836	0	0	7.5	2.5	5.76724	1.19508	0.58841	3000.01
3987	32.5	15	0.03334	10	2.5	7.5	5	4.92032	1.14884	0.38202	3000.01
3988	32.5	15	0.03334	10	2.5	7.5	5	4.92032	1.14884	0.38202	3000.01
3989	32.5	15	0.03334	10	2.5	7.5	5	4.92032	1.14884	0.38202	3000.01
3990	32.5	15	0.03334	10	2.5	7.5	5	4.92032	1.14884	0.38202	3000.01
3991	32.5	15	0.03334	10	2.5	7.5	5	4.92032	1.14884	0.38202	3000.01
3992	32.5	15	0.03334	10	2.5	7.5	5	4.92032	1.14884	0.38202	3000.01
3993	30	10	0.10836	55	5	2.5	10	4.83598	0.70861	0.68884	3000.01
3994	30	10	0.10836	55	5	2.5	10	4.83598	0.70861	0.68884	3000.01
3995	20	2	0.33341	2.5	0	5	72.5	3.2476	0.62272	1.26673	3000.01
3996	20	3.5	0.33341	2.5	0	17.5	50	3.2476	0.62272	1.26673	3000.01
3997	20	3	0.33341	0	2.5	2.5	73.5	3.2476	0.62272	1.26673	3000.01
3998	20	3	0.33341	0	2.5	2.5	73.5	3.2476	0.62272	1.26673	3000.01
3999	37.5	5	0.33341	22.5	7.5	7.5	20	2.79088	0.5958	1.20415	3000.01
4000	25	7.5	0.10836	5	2.5	10	15	4.73698	0.70355	0.71988	3000.01
4001	30	7.5	0.10836	25	7.5	2.5	12.5	4.93353	0.71372	0.65538	3000.01
4002	30	7.5	0.10836	25	7.5	2.5	12.5	4.93353	0.71372	0.65538	3000.01
4003	30	5	0.1063	45	20	2.5	7.5	3.87998	0.65805	0.87448	3000.01
4004	20	2.5	0.10836	2.5	12.5	30	25	3.5876	0.64201	1.23348	3000.01
4005	20	2.5	0.10836	2.5	12.5	30	25	3.5876	0.64201	1.23348	3000.01
4006	17.5	2.5	1.08358	77.5	5	7.5	5	3.36838	0.62961	1.30845	3000.01
4007	30	7.5	0.10836	5	5	7.5	15	4.90333	0.71224	0.65463	3000.01
4008	40	22	0.10836	7.5	0	6	9	4.99423	0.71688	0.54073	3000.01
4009	40	22	0.10836	7.5	0	6	9	4.99423	0.71688	0.54073	3000.01
4010	37.5	15	0.10836	0	0	7.5	22.5	5.92654	1.1469	0.50031	3000.01
4011	37.5	15	0.10836	0	0	7.5	22.5	5.92654	1.1469	0.50031	3000.01
4012	37.5	15	0.10836	0	0	7.5	22.5	5.92654	1.1469	0.50031	3000.01
4013	30	12.5	0.01084	0	0	2.5	12.5	4.3301	0.68219	0.83186	3000.01
4014	32.5	12.5	0.10836	7.5	2.5	12.5	7.5	5.04505	0.71953	0.58822	3000.01
4015	32.5	12.5	0.10836	7.5	2.5	12.5	7.5	5.04505	0.71953	0.58822	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4016	32.5	12.5	0.10836	7.5	2.5	12.5	7.5	5.04505	0.71953	0.58822	3000.01
4017	40	18.5	0.03334	0	0	2.5	7.5	4.82585	0.7083	0.54409	3000.01
4018	47.5	20	0.10836	0	0	2.5	7.5	4.82585	0.7083	0.54409	3000.01
4019	47.5	20	0.10836	0	0	2.5	7.5	4.82585	0.7083	0.54409	3000.01
4020	47.5	20	0.10836	0	0	2.5	7.5	4.82585	0.7083	0.54409	3000.01
4021	32.5	9	0.08585	0	0	2.5	10	4.98517	0.71627	0.56083	3000.01
4022	32.5	9	0.08585	0	0	2.5	10	4.98517	0.71627	0.56083	3000.01
4023	22.5	2.5	0.10836	0	2.5	7.5	27.5	5.47767	1.19129	0.63899	3000.01
4024	25	7.5	0.10836	2.5	0	7.5	15	4.0807	0.66899	0.90756	3000.01
4025	25	7.5	0.10836	2.5	0	7.5	15	4.0807	0.66899	0.90756	3000.01
4026	57.5	15	0.10836	12.5	17.5	10	10	3.60018	0.64269	1.03189	3000.01
4027	20	3.5	0.91688	0	2.5	5	69	2.96579	0.60635	1.2927	3000.01
4028	30	10	0.10836	2.5	2.5	2.5	17.5	5.05265	0.71987	0.55159	3000.01
4029	30	10	0.10836	2.5	2.5	2.5	17.5	5.05265	0.71987	0.55159	3000.01
4030	30	10	0.10836	2.5	2.5	2.5	17.5	5.05265	0.71987	0.55159	3000.01
4031	30	10	0.10836	2.5	2.5	2.5	17.5	5.05265	0.71987	0.55159	3000.01
4032	30	10	0.10836	2.5	2.5	2.5	17.5	5.05265	0.71987	0.55159	3000.01
4033	35	15	0.03334	2.5	2.5	7.5	17.5	5.05265	0.71987	0.55159	3000.01
4034	35	15	0.03334	2.5	2.5	7.5	17.5	5.05265	0.71987	0.55159	3000.01
4035	40	15	0.03334	0	0	5	10	4.92593	0.71345	0.55019	3000.01
4036	35	15	0.03334	0	0	5	2.5	4.92593	0.71345	0.55019	3000.01
4037	50	20.5	0.08585	0	0	2.5	2.5	4.92593	0.71345	0.55019	3000.01
4038	30	7.5	0.1063	2.5	5	2.5	10	4.68673	1.24699	0.66831	3000.01
4039	20	3	0.10836	2.5	5	25	30	3.0883	0.61351	1.3342	3000.01
4040	20	3	0.10836	2.5	5	25	30	3.0883	0.61351	1.3342	3000.01
4041	20	3	0.10836	2.5	5	25	30	3.0883	0.61351	1.3342	3000.01
4042	20	3	0.10836	2.5	5	25	30	3.0883	0.61351	1.3342	3000.01
4043	7	0	0.10836	7.5	2.5	5	15	3.38812	0.63071	0.9727	3000.01
4044	30	12.5	0.10836	10	0	7.5	25	4.73402	0.70339	0.68799	3000.01
4045	30	12.5	0.10836	10	2.5	7.5	25	4.73402	0.70339	0.68799	3000.01
4046	37.5	15	0.10836	10	5	7.5	7.5	5.61693	0.94055	0.4811	3000.01
4047	37.5	15	0.10836	10	5	7.5	7.5	5.61693	0.94055	0.4811	3000.01
4048	35	15	0.03334	0	0	5	12.5	4.94397	0.71418	0.56517	3000.01
4049	37.5	17.5	0.03334	0	0	2.5	10	4.94397	0.71418	0.56517	3000.01
4050	35	12.5	0.03334	0	0	7.5	22.5	4.94397	0.71418	0.56517	3000.01
4051	35	12.5	0.03334	0	0	7.5	22.5	4.94397	0.71418	0.56517	3000.01
4052	27.5	7.5	0.10836	2.5	2.5	17.5	17.5	4.39945	0.68587	0.79428	3000.01
4053	32.5	15	0.10831	5	0	12.5	15	4.72021	0.7026	0.68957	3000.01
4054	25	5	0.10836	2.5	0	5	27.5	3.78469	0.65284	0.96541	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4055	25	7.5	0.10836	15	5	12.5	7.5	3.36796	0.62956	1.20209	3000.01
4056	37.5	17.5	0.10836	0	2.5	2.5	5	4.71037	0.70217	0.69132	3000.01
4057	37.5	17.5	0.10836	0	2.5	2.5	5	4.71037	0.70217	0.69132	3000.01
4058	37.5	17.5	0.10836	0	2.5	2.5	5	4.71037	0.70217	0.69132	3000.01
4059	37.5	17.5	0.10836	0	2.5	2.5	5	4.71037	0.70217	0.69132	3000.01
4060	35	7	0.09449	2.5	2.5	5	8	5.34126	1.23194	0.67703	3000.01
4061	35	7.5	0.1063	2.5	0	2.5	0	4.7323	0.70322	0.687	3000.01
4062	27.5	7.5	0.10836	0	0	2.5	12.5	5.34377	1.18167	0.64672	3000.01
4063	35	7.5	0.10836	0	0	2.5	2.5	5.34377	1.18167	0.64672	3000.01
4064	35	7.5	0.10836	0	0	2.5	2.5	5.34377	1.18167	0.64672	3000.01
4065	35	7.5	0.10836	0	0	2.5	2.5	5.34377	1.18167	0.64672	3000.01
4066	35	7.5	0.10836	0	0	2.5	2.5	5.34377	1.18167	0.64672	3000.01
4067	30	10	0.10831	2.5	2.5	5	10	4.39246	0.68548	0.78656	3000.01
4068	30	10	0.10831	2.5	2.5	5	10	4.39246	0.68548	0.78656	3000.01
4069	30	10	0.10831	2.5	2.5	5	10	4.39246	0.68548	0.78656	3000.01
4070	17.5	2	1.08358	10	2.5	30	37.5	2.75654	1.04964	1.07711	3000.01
4071	30	10	0.10836	0	0	2.5	10	4.39621	0.68568	0.78125	3000.01
4072	30	7.5	0.10831	0	0	2.5	12.5	4.39621	0.68568	0.78125	3000.01
4073	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4074	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4075	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4076	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4077	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4078	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4079	22.5	3.5	0.10836	20	5	5	10	4.2523	1.28473	0.71827	3000.01
4080	40	18	0.1063	2.5	2.5	2.5	5	4.61548	0.69725	0.71519	3000.01
4081	25	7.5	0.10836	5	22.5	5	7.5	4.90031	0.71194	0.56053	3000.01
4082	25	7.5	0.10836	5	22.5	5	7.5	4.90031	0.71194	0.56053	3000.01
4083	32.5	12.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4084	32.5	12.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4085	32.5	12.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4086	32.5	12.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4087	32.5	10.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4088	32.5	12.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4089	32.5	12.5	0.10836	0	2.5	5	20	4.48443	0.69039	0.75219	3000.01
4090	25	7.5	0.10836	2.5	0	10	15	3.99508	0.66438	0.91852	3000.01
4091	25	7.5	0.10836	2.5	0	10	15	3.99508	0.66438	0.91852	3000.01
4092	25	5	0.1063	35	22.5	7.5	2.5	3.98243	0.66361	0.92119	3000.01
4093	40	15	0.03543	2.5	2.5	5	12.5	4.90222	0.71201	0.6067	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4094	25	7.5	0.10836	0	0	2.5	12.5	4.20132	0.67541	0.84021	3000.01
4095	25	3.5	0.33341	2.5	2.5	7.5	35	4.41376	1.25499	0.73936	3000.01
4096	25	3.5	0.33341	2.5	2.5	7.5	35	4.41376	1.25499	0.73936	3000.01
4097	25	2.5	0.10836	15	7.5	10	15	5.31946	1.18268	0.64665	3000.01
4098	25	2.5	0.10836	15	7.5	10	15	5.31946	1.18268	0.64665	3000.01
4099	25	7.5	0.10836	27.5	5	7.5	10	5.31946	1.18268	0.64665	3000.01
4100	55	2.5	0.10836	40	5	7.5	5	2.54677	0.58069	1.31012	3000.01
4101	35	15	0.10836	0	0	2.5	2.5	5.81736	1.14109	0.49433	3000.01
4102	35	13	0.10836	0	0	0	2.5	5.81736	1.14109	0.49433	3000.01
4103	23	6.5	0.33341	1	1.5	2.5	42	3.95828	1.34429	0.82934	3000.01
4104	23	6.5	0.33341	1	1.5	2.5	42	3.95828	1.34429	0.82934	3000.01
4105	22.5	3.5	0.91688	0	2.5	17.5	51.5	2.99773	0.6081	1.23665	3000.01
4106	35	12.5	0.03334	2.5	7.5	5	10	4.89826	0.71181	0.58604	3000.01
4107	22.5	5	0.33341	0	2.5	20	43	2.81275	0.59714	1.22359	3000.01
4108	22.5	5	0.33341	0	2.5	20	43	2.81275	0.59714	1.22359	3000.01
4109	35	7.5	0.10836	0	2.5	2.5	25	4.44548	1.19952	0.70161	3000.01
4110	17.5	0	1.08358	0	0	5	72.5	3.40912	0.63199	1.18021	3000.01
4111	17.5	0	1.08358	0	0	5	72.5	3.40912	0.63199	1.18021	3000.01
4112	20	2.5	0.10836	2.5	2.5	7.5	32.5	2.77451	1.07276	1.01912	3000.01
4113	20	2.5	0.10836	2.5	2.5	7.5	32.5	2.77451	1.07276	1.01912	3000.01
4114	32.5	12.5	0.10836	5	2.5	12.5	20	4.02943	0.66616	0.87622	3000.01
4115	32.5	12.5	0.10836	5	2.5	12.5	20	4.02943	0.66616	0.87622	3000.01
4116	32.5	12.5	0.10836	5	2.5	12.5	20	4.02943	0.66616	0.87622	3000.01
4117	32.5	12.5	0.10836	5	2.5	12.5	20	4.02943	0.66616	0.87622	3000.01
4118	32.5	12.5	0.10836	2.5	2.5	20	5	4.59823	0.69628	0.68523	3000.01
4119	42.5	17.5	0.10836	0	0	2.5	0	5.6494	1.15827	0.52625	3000.01
4120	55	25	0.09169	0	0	5	15	5.6494	1.15827	0.52625	3000.01
4121	55	25	0.09169	0	0	5	15	5.6494	1.15827	0.52625	3000.01
4122	20	2.5	0.33341	5	0	25	30	3.0203	0.60944	1.28954	3000.01
4123	20	2.5	0.33341	5	0	25	30	3.0203	0.60944	1.28954	3000.01
4124	42.5	12.5	0.10836	0	5	2.5	20	3.95383	0.66206	0.88775	3000.01
4125	35	15	0.10836	0	0	2.5	2.5	5.73893	1.14496	0.4123	3000.01
4126	35	15	0.10836	0	0	2.5	2.5	5.73893	1.14496	0.4123	3000.01
4127	40	15	0.03331	52.5	5	2.5	7.5	5.73893	1.14496	0.4123	3000.01
4128	35	15	0.03334	32.5	5	0	20	4.62786	0.69788	0.67697	3000.01
4129	20	2	0.33341	0	0	12.5	40	3.18689	1.03242	1.11158	3000.01
4130	37.5	12.5	0.03331	0	0	0	7.5	4.54221	0.69351	0.69558	3000.01
4131	37.5	15	0.27506	7.5	2.5	0	7.5	4.66697	0.69991	0.66961	3000.01
4132	37.5	15	0.27506	7.5	2.5	0	7.5	4.66697	0.69991	0.66961	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4133	37.5	15	0.27506	7.5	2.5	0	7.5	4.66697	0.69991	0.66961	3000.01
4134	30	7.5	0.27506	32.5	5	10	10	4.32154	0.68179	0.76283	3000.01
4135	30	7.5	0.27506	32.5	5	10	10	4.32154	0.68179	0.76283	3000.01
4136	40	17.5	0.03334	0	0	5	12.5	4.86918	0.71034	0.55471	3000.01
4137	30	13	0.10836	0	0	7.5	17.5	4.86918	0.71034	0.55471	3000.01
4138	30	13	0.10836	0	0	7.5	17.5	4.86918	0.71034	0.55471	3000.01
4139	32.5	12.5	0.03334	0	0	2.5	10	5.53826	1.17652	0.56585	3000.01
4140	40	19	0.10836	2.5	7.5	0	17.5	3.69381	0.64786	0.80088	3000.01
4141	35	15	0.03331	27.5	12.5	2.5	12.5	5.66752	1.15728	0.52239	3000.01
4142	35	15	0.03331	27.5	12.5	2.5	12.5	5.66752	1.15728	0.52239	3000.01
4143	35	15	0.03331	27.5	12.5	2.5	12.5	5.66752	1.15728	0.52239	3000.01
4144	35	15	0.03331	27.5	12.5	2.5	12.5	5.66752	1.15728	0.52239	3000.01
4145	22.5	5	0.10836	20	7.5	10	12.5	2.93476	0.60449	1.26042	3000.01
4146	25	7.5	0.10836	60	0	2.5	10	4.79501	0.70659	0.60588	3000.01
4147	25	7.5	0.10836	60	0	2.5	10	4.79501	0.70659	0.60588	3000.01
4148	7	0	1.08661	35	5	25	32.5	2.52142	1.05665	1.03929	3000.01
4149	7	0	1.08661	35	5	25	32.5	2.52142	1.05665	1.03929	3000.01
4150	32.5	12.5	0.03334	10	5	2.5	12.5	4.3137	0.68139	0.75948	3000.01
4151	32.5	12.5	0.03334	10	5	2.5	12.5	4.3137	0.68139	0.75948	3000.01
4152	40	12.5	0.10836	5	5	10	10	4.4284	0.68739	0.72759	3000.01
4153	27.5	7.5	0.10836	10	0	10	15	3.91184	0.65985	0.87938	3000.01
4154	20	1.5	1.08358	0	2.5	5	70	3.9389	1.31706	0.81741	3000.01
4155	20	3	0.10831	0	1	9	52.5	2.97284	0.6067	1.22829	3000.01
4156	32.5	12.5	0.03189	2.5	2.5	0	5	4.08681	0.66929	0.83653	3000.01
4157	32.5	12.5	0.03189	2.5	2.5	0	5	4.08681	0.66929	0.83653	3000.01
4158	32.5	12.5	0.03189	2.5	2.5	0	5	4.08681	0.66929	0.83653	3000.01
4159	25	7.5	0.10836	27.5	5	10	5	5.08902	1.14942	0.6519	3000.01
4160	30	10	0.10836	10	2.5	17.5	10	4.07775	0.66876	0.82356	3000.01
4161	35	15	0.03334	12.5	10	2.5	17.5	5.76474	1.14117	0.47115	3000.01
4162	32.5	12.5	0.10836	0	0	5	15	4.0868	0.66928	0.82139	3000.01
4163	17.5	2.5	0.33341	17.5	5	27.5	22.5	2.6688	1.01458	1.08758	3000.01
4164	17.5	2	0.33341	0	2.5	12.5	50	2.75226	0.59334	1.25318	3000.01
4165	17.5	2	0.33341	0	2.5	12.5	50	2.75226	0.59334	1.25318	3000.01
4166	27.5	2	0.33341	30	5	30	15	3.14759	0.6169	1.30999	3000.01
4167	17.5	2.5	0.33071	0	10	32.5	25	0.42161	1.28694	0.89815	3000.01
4168	30	7.5	0.10836	32.5	5	5	12.5	3.29327	0.62533	0.90538	3000.01
4169	35	10	0.03331	47.5	10	7.5	5	3.72519	0.64957	0.83751	3000.01
4170	37.5	6	0.10836	22.5	7.5	7.5	12.5	3.26853	0.62396	1.1222	3000.01
4171	37.5	6	0.10836	22.5	7.5	7.5	12.5	3.26853	0.62396	1.1222	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4172	22.5	2.5	0.33343	57.5	5	5	12.5	2.73167	0.59219	1.17387	3000.01
4173	17.5	0	1.08358	55	5	12.5	12.5	2.87968	0.60108	1.21045	3000.01
4174	37.5	12.5	0.03331	57.5	0	2.5	7.5	5.99079	1.1971	0.42684	3000.01
4175	20	2.5	1.08358	0	0	35	40	2.59498	1.19581	0.97074	3000.01
4176	37.5	15	0.1063	0	0	2.5	2.5	4.42435	0.68722	0.69324	3000.01
4177	35	15	0.10836	0	0	2.5	7.5	4.42435	0.68722	0.69324	3000.01
4178	32.5	17.5	0.10836	0	0	2.5	0	4.42435	0.68722	0.69324	3000.01
4179	7	0	1.08354	2.5	2.5	25	27.5	3.07951	1.02396	1.06631	3000.01
4180	25	2.5	0.33341	45	5	10	17.5	3.26362	1.25755	0.61745	3000.01
4181	20	10	0.03334	12.5	5	7.5	10	5.59363	1.2381	0.56157	3000.01
4182	27.5	7.5	0.10836	0	2.5	10	22.5	5.41975	1.1853	0.57665	3000.01
4183	42.5	22.5	0.10836	0	0	2.5	5	5.7182	1.15016	0.47263	3000.01
4184	20	2.5	0.10836	0	0	10	17.5	2.82222	0.5977	1.25297	3000.01
4185	22.5	7.5	0.33341	0	0	7.5	37.5	2.82222	0.5977	1.25297	3000.01
4186	22.5	7.5	0.33341	0	0	7.5	37.5	2.82222	0.5977	1.25297	3000.01
4187	20	5	0.33341	0	0	7.5	37.5	2.82222	0.5977	1.25297	3000.01
4188	22.5	7.5	0.33341	0	0	7.5	37.5	2.82222	0.5977	1.25297	3000.01
4189	20	2	1.08358	2.5	0	20	50	2.93397	0.60431	1.28183	3000.01
4190	20	2.5	0.33341	52.5	7.5	7.5	12.5	3.00112	0.60836	1.26706	3000.01
4191	17.5	0	0.33341	55	5	10	15	3.00112	0.60836	1.26706	3000.01
4192	40	17.5	0.10836	37.5	7.5	5	5	5.42857	1.1467	0.38306	3000.01
4193	30	10	0.10836	22.5	2.5	5	22.5	5.66827	1.15637	0.49381	3000.01
4194	10	0	1.08358	60	5	7.5	22.5	2.4181	1.02507	1.03459	3000.01
4195	22.5	1.5	0.10836	0	2.5	10	42.5	2.9844	1.04053	1.04655	3000.01
4196	22.5	1.5	0.10836	0	2.5	10	42.5	2.9844	1.04053	1.04655	3000.01
4197	35	15	0.10836	5	0	0	2.5	3.78862	0.65311	0.85871	3000.01
4198	20	2.5	0.33341	45	17.5	7.5	15	2.95542	0.60562	1.24609	3000.01
4199	25	7.5	0.10836	15	5	7.5	17.5	5.32019	1.15144	0.56611	3000.01
4200	25	7.5	0.10836	15	5	7.5	17.5	5.32019	1.15144	0.56611	3000.01
4201	25	2.5	0.33341	17.5	7.5	12.5	25	2.50207	1.03521	1.05614	3000.01
4202	25	2.5	0.33341	20	15	5	32.5	2.42881	1.02493	1.01429	3000.01
4203	20	2	1.08358	5	0	20	45	2.60758	1.05359	1.01403	3000.01
4204	35	15	0.03331	5	2.5	5	10	4.11611	0.6708	0.77119	3000.01
4205	20	2.5	0.10836	2.5	0	25	32.5	2.84687	1.26482	0.60227	3000.01
4206	32.5	12.5	0.10836	15	2.5	7.5	15	3.42386	0.63275	0.97165	3000.01
4207	37.5	17.5	0.03334	0	0	7.5	5	5.37853	1.13459	0.44336	3000.01
4208	25	2.5	0.33341	17.5	7.5	25	20	4.26238	1.23314	0.62532	3000.01
4209	20	3.5	1.08358	2.5	0	5	67.5	3.03578	1.04247	1.03684	3000.01
4210	32.5	12.5	0.10836	2.5	15	5	12.5	5.3379	1.24812	0.61828	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4211	30	12.5	0.10836	2.5	0	17.5	17.5	4.27856	0.67947	0.6947	3000.01
4212	20	2.5	0.33341	10	2.5	17.5	27.5	2.96262	0.60611	1.25941	3000.01
4213	25	7.5	0.10836	2.5	2.5	10	20	3.7535	0.65112	0.89693	3000.01
4214	22.5	2.5	1.08358	17.5	15	22.5	15	3.00165	1.26226	0.60601	3000.01
4215	22.5	2.5	1.08358	60	5	12.5	10	2.90758	1.01177	1.0233	3000.01
4216	25	5	0.33343	2.5	0	17.5	27.5	2.59029	0.58345	1.23839	3000.01
4217	35	10	0.03331	30	10	7.5	12.5	5.66592	1.26961	0.54149	3000.01
4218	55	2.5	0.33341	15	5	20	12.5	2.77536	0.59474	1.22692	3000.01
4219	17.5	0	1.08358	0	0	30	47.5	2.7231	0.59157	1.25327	3000.01
4220	7	0	0.33343	0	0	20	35	2.8671	0.60038	1.26799	3000.01
4221	30	5	0.33341	0	0	5	42.5	2.8671	0.60038	1.26799	3000.01
4222	30	5	0.33341	0	0	5	42.5	2.8671	0.60038	1.26799	3000.01
4223	30	5	0.33341	0	0	5	42.5	2.8671	0.60038	1.26799	3000.01
4224	20	2.5	0.33341	0	0	17.5	37.5	2.8671	0.60038	1.26799	3000.01
4225	17.5	5	0.33341	7.5	12.5	22.5	32.5	3.05254	0.61145	1.06453	3000.01
4226	20	3.5	0.33341	10	2.5	0	65	3.2391	0.62219	1.18054	3000.01
4227	20	3	0.33341	2.5	0	10	66	3.76371	1.29651	0.79149	3000.01
4228	37.5	17.5	0.03334	25	5	7.5	10	3.7887	0.65315	0.70679	3000.01
4229	35	12.5	0.03334	0	0	5	20	4.38434	0.68513	0.66883	3000.01
4230	20	7.5	0.10836	40	5	10	10	3.72826	0.64982	0.87577	3000.01
4231	40	15	0.03334	0	0	2.5	10	4.32502	0.682	0.68137	3000.01
4232	42.5	15	0.10836	0	0	2.5	5	5.5295	1.1468	0.44491	3000.01
4233	0	0	1.08358	0	1	4	70	3.05935	1.11469	1.06696	3000.01
4234	0	0	0.33341	0	1	4	70	3.05935	1.11469	1.06696	3000.01
4235	0	0	0.33341	0	1	4	70	3.05935	1.11469	1.06696	3000.01
4236	37.5	12.5	0.10836	0	2.5	0	2.5	3.68426	0.64737	0.86903	3000.01
4237	37.5	12.5	0.10836	0	2.5	0	2.5	3.68426	0.64737	0.86903	3000.01
4238	37.5	12.5	0.10836	0	2.5	0	2.5	3.68426	0.64737	0.86903	3000.01
4239	25	7.5	0.10836	25	5	5	10	5.35986	1.21359	0.56901	3000.01
4240	25	2.5	0.10836	2.5	2.5	32.5	25	3.18983	0.61931	1.16042	3000.01
4241	30	17.5	0.10836	0	0	7.5	17.5	3.12601	0.6157	0.9468	3000.01
4242	27.5	7.5	0.10836	10	0	5	20	4.4509	1.19974	0.6281	3000.01
4243	20	2.5	0.10836	2.5	5	15	25	3.12715	0.61575	1.11645	3000.01
4244	65	15	0.10836	5	10	7.5	20	2.56989	0.58218	1.08764	3000.01
4245	20	2.5	0.10836	17.5	20	20	22.5	2.56989	0.58218	1.08764	3000.01
4246	17.5	0	1.08358	0	2.5	0	75	3.01116	0.98407	1.0765	3000.01
4247	27.5	7.5	0.10836	0	0	2.5	17.5	3.61868	0.64368	0.88502	3000.01
4248	35	10	0.03334	0	0	2.5	2.5	3.61868	0.64368	0.88502	3000.01
4249	35	12.5	0.10836	45	7.5	2.5	7.5	5.48999	1.22759	0.44194	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4250	17.5	2.5	0.33341	25	5	15	30	3.14429	0.61674	1.22778	3000.01
4251	20	2.5	0.33341	45	12.5	17.5	7.5	3.14429	0.61674	1.22778	3000.01
4252	25	2.5	0.27506	20	5	5	25	2.78647	1.01804	1.0574	3000.01
4253	20	2.5	0.33341	40	5	15	15	2.84834	1.04066	1.10016	3000.01
4254	20	2.5	0.33341	40	5	15	15	2.84834	1.04066	1.10016	3000.01
4255	42.5	20	0.03334	2.5	0	5	10	4.47282	0.68983	0.6286	3000.01
4256	18.5	3.5	1.08358	12.5	15	7.5	45	2.66557	0.58813	1.23894	3000.01
4257	18.5	3.5	1.08358	12.5	15	7.5	45	2.66557	0.58813	1.23894	3000.01
4258	20	2.5	0.33341	5	2.5	22.5	32.5	2.76091	0.59395	1.21102	3000.01
4259	12.5	2.5	0.00834	40	5	10	12.5	2.9341	0.60439	0.92987	3000.01
4260	20	2.5	1.08358	0	2.5	17.5	42.5	2.99723	0.99869	1.0599	3000.01
4261	20	2.5	1.08358	0	2.5	17.5	42.5	2.99723	0.99869	1.0599	3000.01
4262	17.5	2	1.08358	47.5	6	15.5	16	2.79243	1.05907	1.01487	3000.01
4263	30	10	0.10836	2.5	2.5	5	10	3.73153	0.64998	0.84438	3000.01
4264	30	10	0.10836	2.5	2.5	5	10	3.73153	0.64998	0.84438	3000.01
4265	25	5	0.10836	17.5	2.5	7.5	15	3.73153	0.64998	0.84438	3000.01
4266	22.5	2.5	0.33341	10	5	30	20	2.51358	0.57867	1.11753	3000.01
4267	32.5	12.5	0.10836	10	2.5	12.5	10	5.02076	1.26203	0.64279	3000.01
4268	32.5	12.5	0.10836	10	2.5	12.5	10	5.02076	1.26203	0.64279	3000.01
4269	32.5	12.5	0.10836	10	2.5	12.5	10	5.02076	1.26203	0.64279	3000.01
4270	35	15	0.03334	60	7.5	5	5	5.52001	1.13166	0.43638	3000.01
4271	30	7.5	0.10836	5	7.5	7.5	15	3.54957	0.63987	0.74802	3000.01
4272	30	7.5	0.10836	5	7.5	7.5	15	3.54957	0.63987	0.74802	3000.01
4273	22.5	2.5	0.1063	32.5	2.5	10	22.5	2.46079	1.05307	0.98954	3000.01
4274	15	5	0.02362	0	0	5	5	2.66536	0.58814	1.20119	3000.01
4275	30	5	0.10836	0	0	2.5	12.5	4.38438	0.68509	0.58521	3000.01
4276	35	15	0.03334	0	2.5	0	7.5	4.34935	0.68321	0.64549	3000.01
4277	20	5	0.33341	5	7.5	22.5	30	2.78936	0.59549	1.21448	3000.01
4278	20.5	3.5	0.33341	1	0	2	52	3.73717	1.2414	0.61223	3000.01
4279	22.5	2.5	0.33341	0	0	35	30	2.52999	1.00604	1.01178	3000.01
4280	35	5	0.33341	12.5	5	8.5	35.5	3.3549	1.30371	0.74354	3000.01
4281	47.5	22.5	0.01087	5	0	7.5	5	5.8405	0.93002	0.48336	3000.01
4282	47.5	22.5	0.01087	5	0	7.5	5	5.8405	0.93002	0.48336	3000.01
4283	22.5	2.5	0.10836	57.5	5	5	17.5	2.81378	0.59712	1.02341	3000.01
4284	22.5	2.5	0.10836	57.5	5	5	17.5	2.81378	0.59712	1.02341	3000.01
4285	52.5	32.5	0.01087	2.5	0	5	10	4.98868	0.85211	0.25532	3000.01
4286	52.5	32.5	0.01087	2.5	0	5	10	4.98868	0.85211	0.25532	3000.01
4287	52.5	32.5	0.01087	2.5	0	5	10	4.98868	0.85211	0.25532	3000.01
4288	32.5	12.5	0.10836	42.5	15	5	7.5	3.50461	0.63737	0.89942	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4289	32.5	12.5	0.10836	42.5	15	5	7.5	3.50461	0.63737	0.89942	3000.01
4290	37.5	17.5	0.03331	0	0	2.5	5	3.87561	0.65782	0.78571	3000.01
4291	30	10	0.10836	0	0	10	17.5	4.275	0.67925	0.66193	3000.01
4292	42.5	27.5	0.03334	0	0	2.5	2.5	4.275	0.67925	0.66193	3000.01
4293	35	10	0.10836	0	0	7.5	22.5	3.88315	0.65827	0.78084	3000.01
4294	35	10	0.10836	0	0	7.5	22.5	3.88315	0.65827	0.78084	3000.01
4295	25	10	0.10836	0	0	2.5	0	3.88315	0.65827	0.78084	3000.01
4296	30	10	0.10836	0	0	5	7.5	3.88315	0.65827	0.78084	3000.01
4297	18.5	2	0.33341	0	0	2.5	72.5	2.91802	0.60342	1.21593	3000.01
4298	18.5	2	0.33341	0	0	2.5	72.5	2.91802	0.60342	1.21593	3000.01
4299	25	2.5	0.33341	0	0	20	20	2.91802	0.60342	1.21593	3000.01
4300	25	2.5	0.33341	0	0	22.5	30	2.91802	0.60342	1.21593	3000.01
4301	35	15	0.10836	62.5	2.5	2.5	10	3.76001	0.65155	0.81257	3000.01
4302	20	2.5	0.10836	47.5	15	5	10	2.55197	0.58097	1.21214	3000.01
4303	20	1.5	0.33341	1	0	9	40	2.54167	1.00111	1.04249	3000.01
4304	25	2.5	0.10836	0	0	2.5	7.5	4.25902	0.67844	0.67156	3000.01
4305	32.5	10	0.10836	0	0	2.5	15	4.25902	0.67844	0.67156	3000.01
4306	22.5	2.5	0.33341	2.5	2.5	35	27.5	2.84858	1.00118	0.98198	3000.01
4307	20	2.5	1.08358	0	5	27.5	45	2.84858	1.00118	0.98198	3000.01
4308	20	2.5	1.08358	0	5	27.5	45	2.84858	1.00118	0.98198	3000.01
4309	20	2.5	1.08358	0	5	27.5	45	2.84858	1.00118	0.98198	3000.01
4310	35	11.5	0.10836	2.5	2.5	5	20	5.16672	1.12384	0.41466	3000.01
4311	7	2.5	0.33343	2.5	10	17.5	25	2.62499	1.01026	1.01449	3000.01
4312	18.5	1.5	1.08358	0	0	2.5	82.5	3.16172	1.05275	1.01525	3000.01
4313	7	0	0.33071	0	0	32.5	35	3.16172	1.05275	1.01525	3000.01
4314	20	5	0.33341	20	27.5	10	22.5	2.90301	0.60253	1.06987	3000.01
4315	18.5	3.5	0.10836	10	5	25	27.5	4.09437	1.22522	0.62642	3000.01
4316	22.5	2.5	0.33343	2.5	2.5	20	32.5	3.21346	1.26383	0.60748	3000.01
4317	20	2.5	1.08358	0	2.5	10	67.5	2.19643	1.19674	0.93909	3000.01
4318	27.5	2.5	0.10836	25	7.5	15	12.5	4.88541	1.19436	0.62553	3000.01
4319	27.5	7.5	0.10836	10	2.5	10	10	4.97781	1.1963	0.59533	3000.01
4320	27.5	7.5	0.10836	10	2.5	10	10	4.97781	1.1963	0.59533	3000.01
4321	27.5	7.5	0.10836	10	2.5	10	10	4.97781	1.1963	0.59533	3000.01
4322	50	25	0.03334	2.5	2.5	5	5	5.98731	0.84805	0.29792	3000.01
4323	21.5	3.5	1.08358	0	2.5	5	70	2.642	0.99962	1.0029	3000.01
4324	21.5	3.5	1.08358	0	2.5	5	70	2.642	0.99962	1.0029	3000.01
4325	20	2.5	0.33341	22.5	7.5	20	12.5	2.68346	1.09491	0.95895	3000.01
4326	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4327	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4328	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4329	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4330	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4331	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4332	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4333	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4334	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4335	23.5	4.5	1.08358	35	15	7.5	15	2.50019	1.10453	1.00719	3000.01
4336	25	2.5	0.10836	32.5	17.5	2.5	22.5	2.25327	1.04243	1.00133	3000.01
4337	23.5	3.5	0.33341	7.5	3.5	2.5	49	2.11071	1.03362	0.98595	3000.01
4338	23.5	3.5	0.33341	7.5	3.5	2.5	49	2.11071	1.03362	0.98595	3000.01
4339	23.5	3.5	0.33341	7.5	3.5	2.5	49	2.11071	1.03362	0.98595	3000.01
4340	20	3	0.33341	0.5	0.5	37.5	0	2.37975	1.03135	0.99665	3000.01
4341	17.5	2.5	0.33341	65	10	10	7.5	2.79282	0.5958	1.18173	3000.01
4342	40	15	0.03334	0	0	2.5	0	4.21689	0.67626	0.64969	3000.01
4343	17.5	2.5	0.33341	57.5	5	7.5	15	2.8981	1.02095	1.00867	3000.01
4344	23.5	4.5	0.33341	0	2.5	5.5	45.5	2.51708	0.57884	1.0707	3000.01
4345	23.5	4.5	0.33341	0	2.5	5.5	45.5	2.51708	0.57884	1.0707	3000.01
4346	23.5	4.5	0.33341	0	2.5	5.5	45.5	2.51708	0.57884	1.0707	3000.01
4347	22.5	1.5	0.10836	0	2.5	10	42.5	2.91303	1.01329	1.03888	3000.01
4348	22.5	1.5	0.10836	0	2.5	10	42.5	2.91303	1.01329	1.03888	3000.01
4349	35	15	0.01084	25	10	10	5	5.33682	1.14914	0.43912	3000.01
4350	23.5	3.5	0.33341	26	9	10	20.5	2.23546	1.07638	0.97152	3000.01
4351	35	15	0.10836	0	0	10	22.5	5.27472	1.22959	0.55077	3000.01
4352	35	15	0.10836	0	0	10	22.5	5.27472	1.22959	0.55077	3000.01
4353	35	15	0.10836	0	0	10	22.5	5.27472	1.22959	0.55077	3000.01
4354	35	15	0.10836	0	0	10	22.5	5.27472	1.22959	0.55077	3000.01
4355	27.5	7.5	0.10836	0	0	15	15	3.38338	0.6305	0.89913	3000.01
4356	40	17.5	0.10836	17.5	7.5	5	7.5	4.97337	1.13992	0.38455	3000.01
4357	52.5	27	0.03334	15	7.5	5	5	4.95554	0.87094	0.23471	3000.01
4358	22.5	2.5	0.33343	50	10	17.5	10	2.77638	0.59492	0.94606	3000.01
4359	20	2.5	0.33341	0	5	7.5	40	2.8343	1.00765	0.96903	3000.01
4360	20	2.5	0.33341	0	5	7.5	40	2.8343	1.00765	0.96903	3000.01
4361	17.5	3.5	0.33341	2.5	2.5	20	45	2.67968	0.58897	1.14179	3000.01
4362	17.5	3.5	0.33341	2.5	2.5	20	45	2.67968	0.58897	1.14179	3000.01
4363	42.5	12.5	0.10836	0	0	2.5	7.5	5.13808	1.18314	0.55376	3000.01
4364	25	10	0.1063	55	7.5	7.5	7.5	3.61098	0.64328	0.82226	3000.01
4365	27.5	2.5	0.10836	5	5	15	20	2.76866	1.12236	0.95284	3000.01
4366	27.5	2.5	0.10836	5	5	15	20	2.76866	1.12236	0.95284	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4367	20	2.5	0.33341	27.5	5	20	15	2.3398	1.02031	0.99475	3000.01
4368	40	5	0.10836	40	12.5	7.5	10	3.14446	0.61686	0.78947	3000.01
4369	42	10.5	0.10836	5	2.5	7.5	0	5.16435	1.15947	0.43679	3000.01
4370	20	2.5	0.33341	45	10	22.5	5	4.00948	1.36003	0.65166	3000.01
4371	20	2.5	0.33341	45	10	22.5	5	4.00948	1.36003	0.65166	3000.01
4372	35	15	0.03334	30	5	2.5	10	5.04562	1.15403	0.55224	3000.01
4373	35	15	0.03334	30	5	2.5	10	5.04562	1.15403	0.55224	3000.01
4374	20	3	0.10836	2.5	5	25	30	3.04324	1.03527	0.98014	3000.01
4375	16.5	3.5	1.08358	5	5	27.5	35	2.44752	1.07637	0.97951	3000.01
4376	16.5	3.5	1.08358	5	5	27.5	35	2.44752	1.07637	0.97951	3000.01
4377	22.5	2.5	0.33341	30	7.5	20	25	2.99553	0.60802	0.91775	3000.01
4378	20	2	0.33341	2.5	2.5	11	46.5	2.77624	1.00818	1.02748	3000.01
4379	37.5	14	0.10836	0	0	5	15	5.54834	1.24537	0.46584	3000.01
4380	37.5	14	0.10836	0	0	5	15	5.54834	1.24537	0.46584	3000.01
4381	10	2	0.33341	30	5	15	20	2.06003	1.0542	0.96399	3000.01
4382	27.5	7.5	0.1063	5	2.5	7.5	5	3.62216	0.6439	0.7802	3000.01
4383	19	3	0.10836	22.5	3.5	14	26	3.95158	1.24378	0.73287	3000.01
4384	25	5	0.10836	2.5	12.5	20	15	2.51495	0.57873	1.06861	3000.01
4385	25	5	0.10836	2.5	12.5	20	15	2.51495	0.57873	1.06861	3000.01
4386	15	3	0.01075	0	0	5	5	3.43787	0.63357	0.8482	3000.01
4387	35	15	0.01084	0	0	5	17.5	4.52034	1.20808	0.55189	3000.01
4388	17.5	0	1.08358	5	7.5	27.5	47.5	1.92022	1.06552	0.9837	3000.01
4389	35	12.5	0.03334	0	0	10	15	4.06984	0.66838	0.62873	3000.01
4390	35	15	0.1063	0	0	2.5	15	4.3396	1.26303	0.5441	3000.01
4391	22.5	5	0.33341	0	0	10	50	3.05133	1.27389	0.59875	3000.01
4392	25	5	0.33341	0	5	17.5	35	3.0102	0.60892	1.17238	3000.01
4393	20	3.5	0.91688	0	2.5	5	69	2.70489	0.99331	1.00836	3000.01
4394	20	4.5	0.33341	2.5	0	27.5	32.5	2.70489	0.99331	1.00836	3000.01
4395	25	5	0.33341	7.5	5	15	22.5	2.90918	1.26294	0.57546	3000.01
4396	32.5	12.5	0.10836	10	2.5	10	15	4.04123	0.66677	0.57379	3000.01
4397	20	2	0.33341	0	0	15	57.5	2.86136	0.60004	1.20122	3000.01
4398	17.5	1.5	1.08358	1	9	30	37.5	2.59288	1.00357	0.94613	3000.01
4399	17.5	2	1.08358	0	0	10	55	2.75073	0.59335	1.15313	3000.01
4400	17.5	1.5	1.08358	2.5	0	7.5	61.5	2.90856	0.60292	1.10481	3000.01
4401	17.5	1.5	1.08358	2.5	0	7.5	61.5	2.90856	0.60292	1.10481	3000.01
4402	20	2	1.08358	0	2.5	19	58.5	2.90856	0.60292	1.10481	3000.01
4403	20	3	0.33341	2.5	5	25	32.5	2.76387	0.59414	1.16474	3000.01
4404	35	15	0.01084	0	0	2.5	5	5.07981	1.15311	0.51376	3000.01
4405	35	15	0.01084	0	0	2.5	5	5.07981	1.15311	0.51376	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4406	20	1.5	1.08358	0	0	27.5	27.5	3.01417	1.0451	0.95968	3000.01
4407	18.5	2	0.33341	0	0	13.5	61.5	3.01417	1.0451	0.95968	3000.01
4408	18.5	2	0.33341	0	0	13.5	61.5	3.01417	1.0451	0.95968	3000.01
4409	18.5	2	0.33341	0	0	13.5	61.5	3.01417	1.0451	0.95968	3000.01
4410	5	1	1.08358	45	5	7.5	29	2.03395	1.04865	0.96174	3000.01
4411	5	1	1.08358	45	5	7.5	29	2.03395	1.04865	0.96174	3000.01
4412	20	2.5	0.33341	35	5	17.5	15	2.78474	0.59532	1.16356	3000.01
4413	20	7	0.33341	2.5	0	22.5	45	2.78474	0.59532	1.16356	3000.01
4414	25	2.5	0.33341	0	2.5	35	25	3.77784	1.26952	0.72039	3000.01
4415	17.5	0	0.33071	32.5	5	20	17.5	2.43624	1.01615	0.98293	3000.01
4416	40	20	0.09169	0	0	2.5	7.5	5.33018	1.29319	0.51498	3000.01
4417	35	12.5	0.03334	2.5	7.5	5	17.5	3.82102	0.65483	0.68093	3000.01
4418	35	12.5	0.03334	5	5	10	15	3.88601	0.65838	0.56877	3000.01
4419	35	16	0.10836	7.5	2.5	7.5	2.5	3.88601	0.65838	0.56877	3000.01
4420	20	1.5	0.33341	35	5	12.5	22.5	1.85749	1.06402	0.96624	3000.01
4421	20	1.5	0.33341	35	5	12.5	22.5	1.85749	1.06402	0.96624	3000.01
4422	27.5	5	0.10836	10	7.5	17.5	22.5	1.57165	1.08925	0.91692	3000.01
4423	27.5	5	0.10836	10	7.5	17.5	22.5	1.57165	1.08925	0.91692	3000.01
4424	27.5	5	0.10836	10	7.5	17.5	22.5	1.57165	1.08925	0.91692	3000.01
4425	27.5	5	0.10836	10	7.5	17.5	22.5	1.57165	1.08925	0.91692	3000.01
4426	27.5	5	0.10836	10	7.5	17.5	22.5	1.57165	1.08925	0.91692	3000.01
4427	27.5	5	0.10836	10	7.5	17.5	22.5	1.57165	1.08925	0.91692	3000.01
4428	20	4	0.33341	2.5	0	2.5	45	3.48596	1.21597	0.6771	3000.01
4429	35	15	0.03334	2.5	0	0	12.5	3.31744	0.62671	0.76766	3000.01
4430	25	2.5	0.33341	52.5	5	7.5	15	2.6299	0.58591	1.12482	3000.01
4431	15	2	0.33341	2.5	0	15	35	2.34843	1.00999	0.96906	3000.01
4432	20	3.5	0.10836	5	10	20	25	3.23747	1.27109	0.72988	3000.01
4433	17.5	2.5	0.10836	55	7.5	17.5	5	2.01718	1.0676	0.96562	3000.01
4434	22.5	3.5	0.10836	1	1	8	30	2.5412	1.07287	0.95311	3000.01
4435	20	2.5	0.33341	0	2.5	2.5	40	2.5412	1.07287	0.95311	3000.01
4436	20	2.5	0.33341	0	2.5	2.5	40	2.5412	1.07287	0.95311	3000.01
4437	20	2.5	0.33341	0	2.5	2.5	40	2.5412	1.07287	0.95311	3000.01
4438	20	2.5	0.33341	25	10	15	32.5	1.9236	1.00807	0.97265	3000.01
4439	7	0	0.33071	5	5	30	27.5	3.20831	0.62046	0.82812	3000.01
4440	17.5	2	1.08358	2.5	12.5	30	32.5	2.97816	1.01383	1.00533	3000.01
4441	17.5	2	1.08358	2.5	12.5	30	32.5	2.97816	1.01383	1.00533	3000.01
4442	22.5	3.5	0.91688	40	12.5	10	12.5	2.01113	1.05957	0.97822	3000.01
4443	22.5	3.5	0.91688	40	12.5	10	12.5	2.01113	1.05957	0.97822	3000.01
4444	20	2.5	0.33341	0	0	15	50	2.5829	0.58296	1.1175	3000.01

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4445	0	0	1.08354	15	8.5	24	42.5	2.9354	1.04702	0.92177	3000.01
4446	20	4.5	0.33341	0	0	20	22.5	2.89196	0.9972	1.00822	3000.01
4447	17.5	2.5	0.33341	47.5	7.5	17.5	12.5	2.56112	0.98532	0.94297	3000.01
4448	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4449	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4450	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4451	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4452	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4453	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4454	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4455	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4456	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4457	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4458	20	2.5	0.33341	10	2.5	17.5	30	2.77721	0.59494	1.15687	3000.01
4459	20	2.5	0.33341	7.5	2.5	27.5	20	2.4498	1.06713	0.9493	3000.01
4460	20	2.5	0.33341	25	7.5	17.5	15	2.52926	0.99049	0.93575	3000.01
4461	20	1.5	0.33341	0	0	10	42.5	2.93504	1.05096	1.00354	3000.01
4462	22.5	5	0.33341	0	2.5	13.5	49.5	2.93727	0.60462	1.09613	3000.01
4463	22.5	2.5	0.33341	0	0	27.5	30	3.05523	1.26942	0.67124	3000.01
4464	22.5	2.5	0.33341	0	0	27.5	30	3.05523	1.26942	0.67124	3000.01
4465	25	3.5	1.08358	15	12.5	12.5	20.5	2.66299	0.58793	1.07432	3000.01
4466	25	3.5	1.08358	15	12.5	12.5	20.5	2.66299	0.58793	1.07432	3000.01
4467	17.5	2.5	0.33341	7.5	2.5	20	32.5	2.67183	0.58852	1.13632	3000.01
4468	17.5	2.5	0.33341	7.5	2.5	20	32.5	2.67183	0.58852	1.13632	3000.01
4469	22.5	2.5	0.1063	10	2.5	7.5	30	2.39026	1.03842	0.93591	3000.01
4470	27.5	6	0.33341	0	2.5	17.5	20	2.68508	1.05262	0.92599	3000.01
4471	20	3.5	1.08358	5	7.5	27.5	40	2.96599	1.06634	0.99239	3000.01
4472	17.5	2.5	0.33071	30	5	12.5	27.5	2.28016	1.01768	0.95163	3000.01
4473	17.5	2.5	0.33071	30	5	12.5	27.5	2.28016	1.01768	0.95163	3000.01
4474	37.5	12.5	0.03334	0	0	2.5	7.5	5.29492	1.19476	0.46792	3000.02
4475	40	20	0.03331	0	0	2.5	5	2.69435	0.58995	0.80813	3000.02
4476	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4477	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4478	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4479	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4480	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4481	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4482	43.5	22	0.10836	0	0	2.5	5	3.79497	0.65342	0.68798	3000.02
4483	22.5	3.5	0.33341	15	15	15	10	2.74165	1.26935	0.55759	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4484	30	10	0.10836	12.5	7.5	5	7.5	3.94223	0.66144	0.62563	3000.02
4485	35	7.5	0.10836	2.5	10	5	17.5	2.9188	0.60347	1.11868	3000.02
4486	20	2	1.08358	0	0	5	71	2.91756	1.06378	0.90649	3000.02
4487	20	2.5	0.33343	0	5	5	42.5	2.60707	0.58448	1.1259	3000.02
4488	22.5	2.5	0.33341	2.5	2.5	20	30	2.60707	0.58448	1.1259	3000.02
4489	17.5	2	1.08358	0	2.5	35	37.5	2.1652	1.02669	0.95371	3000.02
4490	20	4.5	0.10836	12.5	0	17.5	27.5	2.7182	0.59136	1.12435	3000.02
4491	20	4.5	0.10836	12.5	0	17.5	27.5	2.7182	0.59136	1.12435	3000.02
4492	30	10	0.10836	7.5	2.5	7.5	7.5	3.76363	0.6517	0.53225	3000.02
4493	37.5	12.5	0.10836	37.5	10	2.5	2.5	5.03736	1.1883	0.45219	3000.02
4494	0	0	1.08358	0	1	9	70	2.56657	1.02079	0.93398	3000.02
4495	0	0	1.08358	0	1	9	70	2.56657	1.02079	0.93398	3000.02
4496	20	2	0.33341	0	0	12.5	42.5	3.66351	1.30667	0.68563	3000.02
4497	20	3.5	1.08358	2.5	10	25	42.5	2.5735	0.58241	1.10818	3000.02
4498	30	10	0.10836	0	2.5	5	20	3.5997	0.64271	0.7127	3000.02
4499	35	20	0.03334	2.5	2.5	7.5	12.5	3.86195	0.65707	0.53524	3000.02
4500	30	5	0.10836	5	7.5	15	15	4.60406	1.1692	0.57217	3000.02
4501	20	2.5	0.33341	52.5	5	10	10	2.26315	1.07161	0.93542	3000.02
4502	22.5	7.5	0.33341	0	0	5	32.5	3.0478	1.27148	0.66535	3000.02
4503	22.5	7.5	0.33341	0	0	5	32.5	3.0478	1.27148	0.66535	3000.02
4504	30	7.5	0.10836	52.5	5	5	7.5	4.81969	1.14029	0.51882	3000.02
4505	34.5	16.5	0.1063	35	5	10	12.5	3.79665	0.65349	0.65549	3000.02
4506	20	2.5	0.33341	25	7.5	17.5	15	2.68932	1.10075	0.91032	3000.02
4507	20	2.5	0.33341	25	7.5	17.5	15	2.68932	1.10075	0.91032	3000.02
4508	20	2.5	0.33341	25	7.5	17.5	15	2.68932	1.10075	0.91032	3000.02
4509	30	11.5	0.01084	0	0	7.5	17.5	4.91063	1.19203	0.52647	3000.02
4510	40	12.5	0.03331	0	0	2.5	7.5	4.91063	1.19203	0.52647	3000.02
4511	22.5	7.5	0.33341	5	2.5	5	50	2.61642	0.585	1.1239	3000.02
4512	25	5	0.33341	45	5	22.5	10	2.33196	0.99689	0.95029	3000.02
4513	25	4.5	0.33341	6	6	17	31	2.7149	1.27019	0.56142	3000.02
4514	20	2.5	0.33071	77.5	5	2.5	2.5	2.24529	1.07395	0.93266	3000.02
4515	24.5	7	0.33341	2.5	2.5	5	53.5	3.26983	1.24713	0.55598	3000.02
4516	15	2.5	1.08354	37.5	5	22.5	7.5	2.12147	1.126	0.92811	3000.02
4517	35	15	0.10831	5	2.5	17.5	10	4.82207	1.16253	0.5208	3000.02
4518	32.5	12.5	0.10836	2.5	5	2.5	12.5	3.46821	0.63529	0.73112	3000.02
4519	22.5	2.5	0.33341	2.5	2.5	20	32.5	2.65619	1.08167	0.90419	3000.02
4520	17.5	0	1.08358	27.5	10	20	20	1.48468	1.09891	0.89693	3000.02
4521	22.5	5	0.33341	5	2.5	15	32.5	2.33623	1.02692	0.93985	3000.02
4522	18.5	2	1.08358	0	1	12.5	69	2.90099	1.03769	0.9345	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4523	20	5	0.33341	0	0	17.5	42.5	2.71756	1.01409	0.96226	3000.02
4524	22.5	2.5	0.33343	12.5	0	22.5	27.5	2.42989	0.98366	0.94249	3000.02
4525	22.5	2.5	0.33341	12.5	0	22.5	27.5	2.42989	0.98366	0.94249	3000.02
4526	25	5	0.33341	50	10	7.5	7.5	2.51171	0.57848	1.06196	3000.02
4527	17.5	0	1.08358	0	0	37.5	40	2.96554	0.60617	1.03307	3000.02
4528	20	5	0.10836	15	10	15	15	2.32312	1.08863	0.96241	3000.02
4529	23	5	0.91688	0	1	4	45	2.88477	0.60127	1.07441	3000.02
4530	25	2.5	0.10836	0	0	2.5	15	2.43068	1.03666	0.91886	3000.02
4531	25	2.5	0.10836	0	0	2.5	15	2.43068	1.03666	0.91886	3000.02
4532	20	2.5	0.10836	30	5	7.5	10	2.20304	0.99917	0.96953	3000.02
4533	20	2.5	0.10836	30	5	7.5	10	2.20304	0.99917	0.96953	3000.02
4534	35	12.5	0.10836	2.5	12.5	12.5	5	5.06328	1.17297	0.40959	3000.02
4535	20	2.5	1.08358	0	5	32.5	45	1.48543	1.07742	0.92214	3000.02
4536	17.5	2.5	0.33341	20	5	30	20	2.50722	1.03962	0.92921	3000.02
4537	7	0	0.33071	0	0	25	32.5	2.13397	1.04738	0.99681	3000.02
4538	20	2.5	0.33341	10	2.5	25	30	2.22303	1.00335	0.96114	3000.02
4539	25	7.5	0.33343	7.5	5	35	27.5	3.03856	0.61059	0.72044	3000.02
4540	25	8	0.27506	0	0	5	47.5	2.60567	1.00458	0.96789	3000.02
4541	25	8	0.27506	0	0	5	47.5	2.60567	1.00458	0.96789	3000.02
4542	25	7	0.27506	2.5	10	2.5	47.5	3.17364	1.25184	0.56944	3000.02
4543	20	2.5	1.08358	12.5	5	27.5	20	2.75438	1.1353	0.87876	3000.02
4544	25	7.5	0.10836	5	2.5	5	10	3.3881	1.24887	0.58936	3000.02
4545	20	2.5	0.33341	10	5	20	35	2.17759	1.06799	0.92372	3000.02
4546	50	7.5	0.10836	5	15	12.5	12.5	2.74929	0.59323	0.83124	3000.02
4547	50	7.5	0.10836	5	15	12.5	12.5	2.74929	0.59323	0.83124	3000.02
4548	22.5	2.5	0.10831	2.5	0	5	42.5	2.35552	1.04394	0.92858	3000.02
4549	20	3.5	0.10836	2.5	0	20	22.5	2.84295	1.148	0.8728	3000.02
4550	22.5	3.5	0.91688	40	12.5	10	12.5	2.39424	1.20332	0.90648	3000.02
4551	22.5	3.5	0.91688	40	12.5	10	12.5	2.39424	1.20332	0.90648	3000.02
4552	22.5	3.5	0.91688	40	12.5	10	12.5	2.39424	1.20332	0.90648	3000.02
4553	20	3.5	0.33341	2.5	10	22.5	27.5	2.58806	0.58329	1.1031	3000.02
4554	20	7.5	0.33341	25	10	15	22.5	2.01952	1.0494	0.93173	3000.02
4555	22.5	2.5	0.10836	32.5	2.5	5	10	2.47727	1.0263	1.03061	3000.02
4556	22.5	5	0.33343	2.5	7.5	7.5	35	2.55492	0.58132	0.95987	3000.02
4557	22.5	5	0.10836	57.5	7.5	5	10	2.55492	0.58132	0.95987	3000.02
4558	22.5	5	0.10836	57.5	7.5	5	10	2.55492	0.58132	0.95987	3000.02
4559	22.5	5	0.10836	57.5	7.5	5	10	2.55492	0.58132	0.95987	3000.02
4560	17.5	2.5	1.08354	70	5	10	5	2.40235	1.01648	0.93951	3000.02
4561	20	2.5	0.33341	0	0	22.5	32.5	2.2778	1.07527	0.91236	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4562	22.5	2.5	0.33071	0	0	30	30	2.2778	1.07527	0.91236	3000.02
4563	35	12.5	0.10836	45	2.5	5	7.5	3.65376	0.64564	0.64938	3000.02
4564	50	25	0.10836	5	2.5	5	7.5	4.83818	1.19713	0.39866	3000.02
4565	50	25	0.10836	5	2.5	5	7.5	4.83818	1.19713	0.39866	3000.02
4566	37.5	17.5	0.03334	0	0	5	20	3.34868	0.62857	0.72633	3000.02
4567	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4568	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4569	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4570	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4571	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4572	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4573	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4574	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4575	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4576	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4577	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4578	17.5	2.5	0.33341	0	7.5	15	39	2.64964	1.05756	0.90202	3000.02
4579	22.5	2.5	0.33341	0	0	35	30	2.36403	1.04642	0.93171	3000.02
4580	20	3	0.33341	5	2.5	2.5	65	2.7267	1.04615	0.87488	3000.02
4581	17.5	0	1.08358	10	7.5	27.5	32.5	1.55818	1.13241	0.88489	3000.02
4582	20	2.5	0.33341	10	5	27.5	27.5	2.47073	1.01186	0.91175	3000.02
4583	40	15	0.10836	2.5	0	5	20	4.81805	1.18842	0.44204	3000.02
4584	17.5	2.5	0.33341	25	12.5	27.5	15	2.40127	0.99079	0.91441	3000.02
4585	48.5	20	0.10836	0	0	2.5	7.5	5.04919	1.23332	0.4631	3000.02
4586	40	12.5	0.03334	0	0	2.5	10	5.04919	1.23332	0.4631	3000.02
4587	22.5	3.5	0.91688	40	12.5	10	12.5	2.35976	1.17735	0.88782	3000.02
4588	22.5	3.5	0.91688	40	12.5	10	12.5	2.35976	1.17735	0.88782	3000.02
4589	17.5	0	1.08358	0	2.5	25	55	2.68071	1.03172	0.92758	3000.02
4590	22.5	2.5	0.33341	0	0	5	55	2.68071	1.03172	0.92758	3000.02
4591	22.5	2.5	0.33341	0	0	5	55	2.68071	1.03172	0.92758	3000.02
4592	20	2.5	0.10836	7.5	12.5	25	25	2.25912	1.05434	0.96057	3000.02
4593	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4594	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4595	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4596	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4597	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4598	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4599	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4600	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4601	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4602	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4603	32.5	10	0.10836	2.5	0	5	15	3.20302	0.62021	0.75355	3000.02
4604	20	2.5	0.10836	5	0	35	25	1.86356	1.05942	0.94471	3000.02
4605	20	3.5	0.33341	5	10	20	22.5	2.31081	0.99879	0.93093	3000.02
4606	20	2.5	0.33071	57.5	5	12.5	10	1.91097	1.02166	0.95112	3000.02
4607	20	3	0.10836	5	2.5	17.5	27.5	2.55496	1.00122	0.88525	3000.02
4608	20	3	0.10836	5	2.5	17.5	27.5	2.55496	1.00122	0.88525	3000.02
4609	5	1	1.08358	42.5	5	10	17.5	1.95491	1.0352	0.95033	3000.02
4610	5	1	1.08358	42.5	5	10	17.5	1.95491	1.0352	0.95033	3000.02
4611	5	1	1.08358	42.5	5	10	17.5	1.95491	1.0352	0.95033	3000.02
4612	20	2	1.08358	0	2.5	5	70	2.47777	1.01419	0.90618	3000.02
4613	21.5	3.5	1.08358	0	2.5	5	70	2.47777	1.01419	0.90618	3000.02
4614	21.5	3.5	1.08358	0	2.5	5	70	2.47777	1.01419	0.90618	3000.02
4615	20	2.5	0.10836	5	0	15	35	1.97261	1.03013	0.92228	3000.02
4616	20	2.5	0.10836	27.5	10	10	22.5	2.52481	0.57927	1.058	3000.02
4617	22.5	4	0.91688	22.5	10	15	15	2.06342	1.09904	0.91326	3000.02
4618	20	3.5	0.33341	6.5	8.5	24.5	42	2.55033	0.58095	1.05993	3000.02
4619	35	12.5	0.03334	0	0	5	7.5	4.81826	1.20252	0.4984	3000.02
4620	37.5	17.5	0.03334	0	0	12.5	2.5	4.84955	1.18689	0.45905	3000.02
4621	37.5	17.5	0.10836	0	0	0	2.5	3.55396	0.64012	0.65027	3000.02
4622	13	3	0.33071	27.5	5	10	25	2.59468	1.01749	0.9674	3000.02
4623	40	22.5	0.10836	5	7.5	2.5	5	5.65267	0.87294	0.43547	3000.02
4624	20	2.5	0.33341	12.5	0	17.5	32.5	2.11271	1.1013	0.90709	3000.02
4625	20	2.5	0.33341	12.5	0	17.5	32.5	2.11271	1.1013	0.90709	3000.02
4626	20	2.5	0.10836	15	5	32.5	22.5	2.68429	1.00642	0.99604	3000.02
4627	30	10	0.09169	2.5	0	2.5	17.5	3.0902	0.6136	0.77191	3000.02
4628	20	2.5	0.33341	7.5	2.5	32.5	20	2.82382	1.16147	0.85172	3000.02
4629	20	5	0.33341	5	0	35	30	2.28601	1.11339	0.96884	3000.02
4630	20	5	0.33341	5	0	35	30	2.28601	1.11339	0.96884	3000.02
4631	26.5	9.5	0.09169	45	26	1.5	7.5	2.69835	1.27272	0.5775	3000.02
4632	30	5	0.10836	0	2.5	25	12.5	3.67102	0.64659	0.58182	3000.02
4633	20	2.5	0.10836	5	0	22.5	27.5	2.18756	1.13447	0.89592	3000.02
4634	25	2.5	0.10836	30	10	20	17.5	2.3546	1.04122	0.90628	3000.02
4635	42.5	17.5	0.03334	10	2.5	2.5	10	2.52672	0.57952	0.7588	3000.02
4636	42.5	17.5	0.03334	10	2.5	2.5	10	2.52672	0.57952	0.7588	3000.02
4637	17.5	2.5	0.33341	5	7.5	27.5	27.5	2.79429	0.596	1.03505	3000.02
4638	25	2.5	0.33341	20	17.5	22.5	15	2.02791	1.02886	0.93238	3000.02
4639	20	2.5	0.10836	20	10	22.5	22.5	2.02791	1.02886	0.93238	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4640	32.5	15	0.01084	0	0	2.5	7.5	3.15565	0.61742	0.74906	3000.02
4641	22.5	5	0.33341	10	2.5	22.5	25	1.54461	1.05347	0.8917	3000.02
4642	22.5	5	0.33341	10	2.5	22.5	25	1.54461	1.05347	0.8917	3000.02
4643	22.5	5	0.33341	10	2.5	22.5	25	1.54461	1.05347	0.8917	3000.02
4644	22.5	5	0.33341	10	2.5	22.5	25	1.54461	1.05347	0.8917	3000.02
4645	40	20	0.03334	2.5	0	7.5	20	3.7051	0.6485	0.58539	3000.02
4646	35	15	0.03334	12.5	2.5	5	12.5	5.63836	0.88159	0.42259	3000.02
4647	35	15	0.03334	12.5	2.5	5	12.5	5.63836	0.88159	0.42259	3000.02
4648	27.5	7.5	0.33341	5	7.5	30	27.5	1.78536	1.03818	0.94632	3000.02
4649	30	12.5	0.03334	0	2.5	10	15	3.55566	0.64024	0.53873	3000.02
4650	22.5	2.5	0.33343	2.5	2.5	27.5	30	2.13632	1.02889	1.00077	3000.02
4651	22.5	2.5	0.33341	0	0	22.5	30	2.84099	0.59887	1.03672	3000.02
4652	20	3.5	1.08358	0	0	10	65	2.60095	0.58412	1.04573	3000.02
4653	37	16.5	0.10836	42.5	5	5	5	4.82072	1.23967	0.45702	3000.02
4654	17.5	2.5	0.33341	32.5	5	12.5	25	2.82136	1.13188	0.84473	3000.02
4655	21.5	3.5	0.33341	2.5	0	35	35	2.50896	1.01458	0.89167	3000.02
4656	20	3.5	0.33341	2.5	0	10	62.5	2.50896	1.01458	0.89167	3000.02
4657	37.5	12.5	0.03334	27.5	10	5	10	3.40131	0.63147	0.67239	3000.02
4658	37.5	12.5	0.03334	27.5	10	5	10	3.40131	0.63147	0.67239	3000.02
4659	22.5	2.5	0.33341	0	0	17.5	22.5	2.45824	1.06421	0.87079	3000.02
4660	22.5	2.5	0.33341	15	10	27.5	15	2.99135	1.07053	1.01393	3000.02
4661	30	2.5	0.33071	50	5	7.5	15	2.71694	1.00246	0.92951	3000.02
4662	22.5	4	0.91688	22.5	10	15	15	1.89941	1.02146	0.94713	3000.02
4663	22.5	2.5	0.33341	0	0	27.5	30	2.50585	0.57814	1.04499	3000.02
4664	22.5	2.5	0.33341	0	0	27.5	30	2.50585	0.57814	1.04499	3000.02
4665	22.5	2.5	0.33341	0	0	27.5	30	2.50585	0.57814	1.04499	3000.02
4666	35	15	0.03334	42.5	10	2.5	10	3.30168	0.62589	0.70928	3000.02
4667	27.5	7.5	0.33343	55	10	17.5	5	1.52644	1.0804	0.89024	3000.02
4668	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4669	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4670	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4671	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4672	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4673	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4674	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4675	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4676	37.5	17.5	0.10836	12.5	0	5	10	3.96273	1.22059	0.50962	3000.02
4677	22.5	2	0.10836	2.5	2.5	17.5	50	2.61072	0.9891	0.92012	3000.02
4678	20	3	0.33341	10	2.5	27.5	25	2.38218	1.01603	0.90819	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4679	16.5	2	0.33341	10	27.5	12.5	15	2.68033	0.99974	1.00349	3000.02
4680	25	3.5	0.10836	5	0	12.5	30	1.80636	1.04904	0.95469	3000.02
4681	20	3.5	0.10836	0	0	22	35.5	2.67588	0.58858	1.07324	3000.02
4682	20	2.5	0.33341	0	0	35	32.5	2.67588	0.58858	1.07324	3000.02
4683	20	3.5	0.10836	1	0	4	52.5	2.67588	0.58858	1.07324	3000.02
4684	40	15	0.10836	22.5	10	2.5	7.5	3.51067	0.63771	0.5576	3000.02
4685	25	5	0.33341	5	0	37.5	25	2.27434	1.01363	0.91258	3000.02
4686	22.5	7.5	0.10836	5	2.5	5	50	1.77673	1.03659	0.94121	3000.02
4687	17.5	2.5	0.33341	10	5	15	27.5	1.89735	1.02853	0.91576	3000.02
4688	17.5	0	0.10836	7.5	1.5	7	39	2.62817	0.58581	1.06047	3000.02
4689	22.5	2.5	0.33341	45	17.5	10	12.5	2.9513	1.27228	0.64639	3000.02
4690	22.5	2.5	0.33341	45	17.5	10	12.5	2.9513	1.27228	0.64639	3000.02
4691	21.5	3.5	0.10836	0	2.5	10	37	2.77067	0.59456	1.07044	3000.02
4692	20	3.5	1.08358	0	0	7.5	68	2.89799	1.01137	0.99146	3000.02
4693	30	10	0.10836	10	5	5	15	3.0301	0.61007	0.76387	3000.02
4694	20	4	0.33341	5	2.5	20	30	2.76143	0.59402	1.04485	3000.02
4695	20	3	0.10836	0	2.5	15	30	2.61604	1.00401	0.91011	3000.02
4696	20	3.5	1.08358	2.5	0	5	67.5	2.56747	1.01924	0.93022	3000.02
4697	37.5	12.5	0.03334	7.5	2.5	10	10	3.46292	0.63499	0.53702	3000.02
4698	27.5	7.5	0.10836	0	2.5	10	20	3.36372	0.62937	0.67009	3000.02
4699	20	5	0.33343	27.5	7.5	7.5	25	3.01789	1.25688	0.56728	3000.02
4700	20	2.5	0.10836	5	7.5	10	22	2.49176	1.00524	0.86499	3000.02
4701	20	3.5	0.27506	5	2.5	20	30	1.95703	1.019	0.90802	3000.02
4702	40	15	0.10836	15	5	2.5	10	3.52521	0.63853	0.61017	3000.02
4703	21.5	3.5	0.33341	2.5	0	30	40	0.94043	1.08098	0.83425	3000.02
4704	22.5	2.5	0.10836	15	10	20	10	2.31563	1.03308	0.8937	3000.02
4705	22.5	2.5	0.10836	15	10	20	10	2.31563	1.03308	0.8937	3000.02
4706	22.5	2.5	0.33341	0	0	20	40	2.56588	0.99784	0.90899	3000.02
4707	22.5	2.5	0.33341	0	0	20	40	2.56588	0.99784	0.90899	3000.02
4708	22.5	2.5	0.33341	0	0	5	55	2.56588	0.99784	0.90899	3000.02
4709	37.5	17.5	0.03543	15	5	2.5	7.5	5.64908	0.91467	0.42456	3000.02
4710	30	7.5	0.85853	5	2.5	5	7.5	3.46339	0.63506	0.63356	3000.02
4711	25	2.5	0.33341	0	0	20	30	2.41391	1.01359	0.86553	3000.02
4712	40	20	0.03334	0	0	5	10	3.44763	0.63412	0.57466	3000.02
4713	17.5	2.5	1.08358	5	2.5	15	57.5	2.57699	1.00336	0.99501	3000.02
4714	22.5	2.5	0.1063	5	2.5	5	30	1.93811	1.04225	0.91546	3000.02
4715	35	15	0.01084	0	0	5	10	3.24861	0.62281	0.69355	3000.02
4716	37.5	22.5	0.03331	0	0	2.5	12.5	4.53793	1.22031	0.50515	3000.02
4717	22.5	2.5	0.33341	10	12.5	15	32.5	2.3741	1.00993	0.89445	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4718	23.5	4.5	0.10836	0	2.5	0	42	2.54819	0.58075	1.03566	3000.02
4719	23.5	4.5	0.10836	0	2.5	0	42	2.54819	0.58075	1.03566	3000.02
4720	23.5	4.5	0.10836	0	2.5	0	42	2.54819	0.58075	1.03566	3000.02
4721	20	5	0.33341	30	0	25	20	2.2309	1.18635	0.87419	3000.02
4722	25	6.5	0.27506	2.5	20	17.5	12.5	2.2309	1.18635	0.87419	3000.02
4723	20	5	0.33341	52.5	7.5	7.5	10	2.53179	1.17413	0.90744	3000.02
4724	5	1	1.08358	15	5	30	35	1.99137	1.08821	0.90078	3000.02
4725	20	2.5	0.33341	5	7.5	27.5	30	2.55355	1.0317	0.86091	3000.02
4726	20	2.5	0.33341	5	7.5	27.5	30	2.55355	1.0317	0.86091	3000.02
4727	20	2.5	0.33341	5	7.5	27.5	30	2.55355	1.0317	0.86091	3000.02
4728	20	2.5	0.33341	2.5	5	30	32.5	2.13125	1.04093	0.96294	3000.02
4729	20	2.5	0.33341	2.5	5	30	32.5	2.13125	1.04093	0.96294	3000.02
4730	22.5	2.5	0.10836	0	0	2.5	15	2.05426	1.09304	0.89784	3000.02
4731	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4732	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4733	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4734	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4735	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4736	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4737	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4738	17.5	0	0.33341	6.5	1.5	2	45	2.99695	1.26682	0.64473	3000.02
4739	20	5	0.33341	55	10	10	12.5	2.99695	1.26682	0.64473	3000.02
4740	35	15	0.01084	0	0	2.5	15	4.73402	1.23179	0.48265	3000.02
4741	35	15	0.01084	0	0	2.5	15	4.73402	1.23179	0.48265	3000.02
4742	20	3.5	0.33341	0	2.5	2.5	37.5	1.91363	1.0287	0.90307	3000.02
4743	22.5	2.5	0.10831	2.5	0	5	32.5	2.38547	1.0567	0.90084	3000.02
4744	22.5	2.5	0.33341	5	0	12.5	37.5	2.54473	1.02725	0.95893	3000.02
4745	20	5	0.33341	75	5	2.5	7.5	2.19387	1.02085	0.91755	3000.02
4746	32.5	10	0.03334	10	2.5	5	5	4.58345	1.17429	0.44379	3000.02
4747	35	10	0.03334	5	2.5	2.5	5	4.58345	1.17429	0.44379	3000.02
4748	20	2.5	0.10836	0	2.5	20	27.5	2.18399	1.02187	0.92209	3000.02
4749	20	2.5	0.10836	0	2.5	20	27.5	2.18399	1.02187	0.92209	3000.02
4750	20	2.5	0.10836	0	2.5	20	27.5	2.18399	1.02187	0.92209	3000.02
4751	20	2.5	0.10836	0	2.5	20	27.5	2.18399	1.02187	0.92209	3000.02
4752	20	2.5	0.10836	0	2.5	20	27.5	2.18399	1.02187	0.92209	3000.02
4753	17.5	2.5	0.33341	0	0	17.5	57.5	2.30875	1.02573	0.89037	3000.02
4754	10	2.5	0.33071	0	0	3	52	2.30875	1.02573	0.89037	3000.02
4755	17.5	0	1.08358	0	0	30	61.5	1.80388	1.05621	0.97169	3000.02
4756	27.5	2.5	0.33341	55	5	15	10	2.71808	0.59106	1.0111	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4757	20	2.5	0.33341	0	5	5	45	2.50423	1.11916	0.83818	3000.02
4758	20	2.5	0.33341	0	5	5	45	2.50423	1.11916	0.83818	3000.02
4759	22.5	5	0.33341	22.5	7.5	15	12.5	2.37817	1.07508	0.89596	3000.02
4760	22.5	2.5	0.33341	50	15	10	10	2.54405	1.00057	0.92264	3000.02
4761	20	2.5	0.10836	57.5	5	0	17.5	2.54405	1.00057	0.92264	3000.02
4762	22.5	2.5	0.33341	27.5	5	17.5	22.5	2.39566	1.03789	0.86635	3000.02
4763	22.5	2.5	0.33341	27.5	5	17.5	22.5	2.39566	1.03789	0.86635	3000.02
4764	22.5	2.5	0.33341	27.5	5	17.5	22.5	2.39566	1.03789	0.86635	3000.02
4765	42.5	20	0.10836	0	0	0	2.5	3.47924	0.63593	0.57042	3000.02
4766	17	2.5	0.27506	2.5	2.5	17.5	32.5	1.89994	1.10643	0.90431	3000.02
4767	17	2.5	0.27506	2.5	2.5	17.5	32.5	1.89994	1.10643	0.90431	3000.02
4768	19.5	1.5	1.08358	0	1	24	47.5	1.3374	1.0508	0.88543	3000.02
4769	19.5	1.5	1.08358	0	1	24	47.5	1.3374	1.0508	0.88543	3000.02
4770	25	5	0.10836	0	0	15	35	1.95916	1.02992	0.87679	3000.02
4771	20	5	0.27506	52.5	2.5	7.5	7.5	2.64394	0.58683	1.01408	3000.02
4772	22.5	7.5	0.10836	32.5	0	25	17.5	1.85225	1.05483	0.91405	3000.02
4773	42.5	20	0.10836	2.5	0	0	10	5.53375	0.86701	0.29082	3000.02
4774	20	2.5	0.33341	52.5	5	15	12.5	2.13641	1.01711	0.89042	3000.02
4775	17.5	2.5	0.33341	47.5	10	15	12.5	2.13641	1.01711	0.89042	3000.02
4776	22.5	2.5	0.33341	2.5	5	15	37.5	2.60818	0.99753	0.9077	3000.02
4777	20	5	0.33341	17.5	5	15	20	2.13138	1.02947	0.87261	3000.02
4778	25	2.5	0.33071	5	2.5	32.5	30	1.55992	1.10765	0.86486	3000.02
4779	20	2	0.33341	0	2.5	2.5	45	2.27166	1.06722	0.87106	3000.02
4780	20	2	0.33341	0	2.5	2.5	45	2.27166	1.06722	0.87106	3000.02
4781	20	2	0.33341	0	2.5	2.5	45	2.27166	1.06722	0.87106	3000.02
4782	17.5	2.5	0.33341	20	15	20	20	2.46928	1.0139	0.98233	3000.02
4783	35	5	0.27506	65	5	7.5	5	2.66827	1.03961	0.88568	3000.02
4784	20	5	0.33341	10	2.5	22.5	27.5	1.92907	1.03867	0.89377	3000.02
4785	20	5	0.33341	10	2.5	22.5	27.5	1.92907	1.03867	0.89377	3000.02
4786	22.5	2.5	0.33341	7.5	5	20	40	1.92907	1.03867	0.89377	3000.02
4787	37.5	12.5	0.01084	5	2.5	5	17.5	5.51897	0.88433	0.28108	3000.02
4788	30	12.5	0.03543	35	5	5	5	4.66657	1.22463	0.47291	3000.02
4789	37.5	12.5	0.10836	0	0	2.5	5	2.97296	0.60672	0.73314	3000.02
4790	17.5	2.5	0.33341	0	0	15	40	2.16924	1.06244	0.93299	3000.02
4791	20	2.5	0.10836	25	12.5	15	20	2.24414	1.05404	0.91809	3000.02
4792	25	5	0.33341	47.5	15	7.5	7.5	2.16144	1.04981	0.92734	3000.02
4793	25	2.5	0.33341	0	7.5	12.5	47.5	1.84576	1.02085	0.90719	3000.02
4794	17.5	1.5	0.33341	5	2.5	17	34	2.49574	0.99071	0.87629	3000.02
4795	22.5	2.5	0.10836	25	7.5	7.5	20	2.70063	1.00714	0.89464	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4796	20	5	0.33341	0	0	15	30	2.1651	1.03153	0.88079	3000.02
4797	16	2	0.33341	2.5	2.5	20	22.5	1.85996	1.02689	0.94577	3000.02
4798	16	2	0.33341	2.5	2.5	20	22.5	1.85996	1.02689	0.94577	3000.02
4799	13	2.5	0.33071	0	2.5	30	35	1.89736	1.01266	0.91699	3000.02
4800	17.5	2.5	0.33341	2.5	2.5	17.5	47.5	2.48248	1.02024	0.83917	3000.02
4801	17.5	2	0.33341	2.5	5	32.5	35	2.57888	0.98517	0.93268	3000.02
4802	25	2.5	1.08358	5	7.5	22.5	32.5	1.18536	1.09353	0.85174	3000.02
4803	25	2.5	0.10836	40	5	15	12.5	2.4159	1.01544	0.83483	3000.02
4804	20	2.5	0.33341	55	5	17.5	10	2.26791	1.01113	0.87599	3000.02
4805	17.5	2.5	0.33341	15	2.5	20	22.5	1.87435	1.03863	0.89361	3000.02
4806	17.5	2.5	0.33341	15	2.5	20	22.5	1.87435	1.03863	0.89361	3000.02
4807	17.5	2.5	0.33341	15	2.5	20	22.5	1.87435	1.03863	0.89361	3000.02
4808	20	2.5	0.10836	12.5	7.5	22.5	30	1.87435	1.03863	0.89361	3000.02
4809	35	20	0.10836	0	0	2.5	10	3.22179	0.62128	0.58846	3000.02
4810	35	15	0.03334	0	0	2.5	7.5	3.22179	0.62128	0.58846	3000.02
4811	37.5	15	0.03334	2.5	2.5	2.5	15	3.05943	0.61179	0.66626	3000.02
4812	25	2.5	0.10836	2.5	2.5	32.5	20	3.42064	1.24019	0.53682	3000.02
4813	42.5	20	0.03334	0	0	2.5	5	3.07583	0.61274	0.68058	3000.02
4814	42.5	20	0.03334	0	0	2.5	5	3.07583	0.61274	0.68058	3000.02
4815	20	2.5	0.10836	5	2.5	15	32.5	2.43945	1.05678	0.82954	3000.02
4816	20	3.5	0.10836	1	0	1.5	47.5	1.82323	1.01959	0.90093	3000.02
4817	22.5	2.5	0.33341	0	0	32.5	32.5	2.07564	1.03449	0.8429	3000.02
4818	25	5	0.10836	0	0	20	15	2.07564	1.03449	0.8429	3000.02
4819	20	5	0.33343	0	0	37.5	22.5	2.14126	1.03826	0.86331	3000.02
4820	20	2.5	0.33341	10	2.5	32.5	22.5	2.60997	1.01288	0.89741	3000.02
4821	20	2.5	0.33341	10	2.5	32.5	22.5	2.60997	1.01288	0.89741	3000.02
4822	20	2.5	0.33341	10	2.5	32.5	22.5	2.60997	1.01288	0.89741	3000.02
4823	35	15	0.03334	2.5	2.5	2.5	5	2.84275	0.599	0.58748	3000.02
4824	35	15	0.10836	67.5	5	5	5	2.83282	0.59832	0.71389	3000.02
4825	37.5	15	0.01084	0	0	2.5	7.5	3.09132	0.61364	0.67651	3000.02
4826	20	2.5	0.33341	7.5	2.5	20	27.5	2.68527	1.14726	0.82389	3000.02
4827	20	2.5	0.33341	7.5	2.5	20	27.5	2.68527	1.14726	0.82389	3000.02
4828	20	2.5	0.33341	42.5	17.5	15	10	2.68527	1.14726	0.82389	3000.02
4829	35	12.5	0.03334	0	0	0	5	3.1397	0.6165	0.71991	3000.02
4830	17.5	2	0.33341	2.5	7.5	22.5	27.5	2.7115	1.02192	0.90165	3000.02
4831	20	2.5	0.10836	5	0	15	35	2.01186	1.11228	0.86045	3000.02
4832	20	2.5	0.10836	5	0	15	35	2.01186	1.11228	0.86045	3000.02
4833	20	2.5	0.10836	5	0	15	35	2.01186	1.11228	0.86045	3000.02
4834	17.5	2.5	0.33341	12.5	0	32.5	27.5	2.27104	1.11955	0.9574	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4835	17.5	2.5	0.33341	55	10	12.5	7.5	2.23232	1.03196	0.878	3000.02
4836	17.5	2.5	0.33341	55	10	12.5	7.5	2.23232	1.03196	0.878	3000.02
4837	20	7.5	0.27506	7.5	2.5	15	30	2.03789	1.0124	0.87035	3000.02
4838	30	12	0.10836	1	1	0.5	12.5	5.9564	0.89338	0.41148	3000.02
4839	30	12	0.10836	1	1	0.5	12.5	5.9564	0.89338	0.41148	3000.02
4840	17.5	2.5	1.08358	17.5	0	17.5	25	2.04396	1.01493	0.86941	3000.02
4841	20	5	0.33341	10	5	20	22.5	2.16589	1.0836	0.94445	3000.02
4842	20	5	0.33341	10	5	20	22.5	2.16589	1.0836	0.94445	3000.02
4843	20	5	0.33341	10	5	20	22.5	2.16589	1.0836	0.94445	3000.02
4844	20	5	0.33341	10	5	20	22.5	2.16589	1.0836	0.94445	3000.02
4845	17.5	2.5	0.33341	55	10	2.5	15	2.57608	1.13928	0.79603	3000.02
4846	25	2.5	0.27506	10	2.5	12.5	12.5	2.57608	1.13928	0.79603	3000.02
4847	17.5	2.5	0.33341	10	0	25	30	1.99626	1.02444	0.99766	3000.02
4848	17.5	2.5	0.33341	10	0	25	30	1.99626	1.02444	0.99766	3000.02
4849	32.5	10	0.1063	0	0	5	15	2.80841	0.5968	0.85841	3000.02
4850	35	15	0.01084	0	0	2.5	7.5	4.6847	1.15875	0.40553	3000.02
4851	35	15	0.01084	0	0	2.5	7.5	4.6847	1.15875	0.40553	3000.02
4852	15	2.5	0.1063	0	2.5	7.5	37.5	2.0246	1.02409	0.969	3000.02
4853	28.5	11.5	0.10836	1	0	1.5	33	2.18664	1.01012	0.86539	3000.02
4854	28.5	11.5	0.10836	1	0	1.5	33	2.18664	1.01012	0.86539	3000.02
4855	28.5	11.5	0.10836	1	0	1.5	33	2.18664	1.01012	0.86539	3000.02
4856	27.5	7.5	0.33071	2.5	2.5	10	40	2.15103	1.28482	0.50513	3000.02
4857	20	5	0.33341	57.5	5	15	10	2.00403	1.05401	0.86574	3000.02
4858	27.5	2.5	0.27508	70	7.5	2.5	5	2.00403	1.05401	0.86574	3000.02
4859	35.5	12.5	0.10836	5	0	2.5	7.5	5.5678	0.84861	0.43572	3000.02
4860	35.5	12.5	0.10836	5	0	2.5	7.5	5.5678	0.84861	0.43572	3000.02
4861	20	3.5	0.10836	2.5	2.5	12.5	37.5	2.26625	1.00805	0.8765	3000.02
4862	40	15	0.03331	30	2.5	2.5	15	5.76248	0.91135	0.41374	3000.02
4863	35	12.5	0.03334	42.5	5	10	5	3.09294	0.61384	0.59678	3000.02
4864	20	2.5	0.33341	50	7.5	12.5	10	2.70326	1.15984	0.86481	3000.02
4865	22.5	2.5	0.33341	22.5	7.5	25	20	2.33337	1.12539	0.90043	3000.02
4866	15	0.5	1.08661	0	30	30	20	2.33337	1.12539	0.90043	3000.02
4867	20	5	0.10836	15	10	15	15	2.14699	1.04446	0.95741	3000.02
4868	20	5	0.10836	15	10	15	15	2.14699	1.04446	0.95741	3000.02
4869	20	5	0.10836	15	10	15	15	2.14699	1.04446	0.95741	3000.02
4870	20	2.5	0.33343	5	5	22.5	25	2.28848	0.99193	0.83435	3000.02
4871	20	2.5	0.33343	5	5	22.5	25	2.28848	0.99193	0.83435	3000.02
4872	20	3	0.10836	37.5	12.5	7.5	15	2.97531	1.12636	0.83855	3000.02
4873	22.5	3.5	0.10836	2.5	0	10.5	28.5	1.94154	1.05844	0.87726	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4874	25	2.5	0.10836	2.5	2.5	10	20	2.51422	1.034	1.03054	3000.02
4875	7	0	1.08661	0	0	27.5	63.5	1.71867	1.15384	0.83456	3000.02
4876	20	2.5	0.33341	5	7.5	27.5	30	2.40339	1.04643	0.81362	3000.02
4877	22.5	7.5	0.10836	5	2.5	5	50	1.97047	1.13747	0.87738	3000.02
4878	22.5	7.5	0.10836	5	2.5	5	50	1.97047	1.13747	0.87738	3000.02
4879	17.5	5	0.33341	5	7.5	27.5	35	2.52721	1.00597	0.83577	3000.02
4880	22.5	2.5	0.33341	10	2.5	25	17.5	2.44166	1.0366	0.81163	3000.02
4881	22.5	2.5	0.33341	10	2.5	25	17.5	2.44166	1.0366	0.81163	3000.02
4882	20	2.5	0.33343	2.5	2.5	17.5	35	2.1841	1.00134	0.87108	3000.02
4883	20	2.5	0.10836	2.5	2.5	32.5	30	2.1841	1.00134	0.87108	3000.02
4884	20	1.5	0.33341	0	0	5	62.5	2.58814	0.97833	0.94335	3000.02
4885	20	1.5	0.33341	0	0	5	62.5	2.58814	0.97833	0.94335	3000.02
4886	20	1.5	0.33341	0	0	5	62.5	2.58814	0.97833	0.94335	3000.02
4887	35	15	0.01084	0	0	5	7.5	2.96453	0.60627	0.59927	3000.02
4888	17.5	1.5	1.08358	5	2.5	30	40	3.15439	1.03946	1.01498	3000.02
4889	15	2.5	0.33341	32.5	5	10	30	1.50254	1.06883	0.84516	3000.02
4890	25	2.5	0.10836	0	0	7.5	37.5	1.82819	1.01304	0.89059	3000.02
4891	25	2.5	0.10836	0	0	7.5	37.5	1.82819	1.01304	0.89059	3000.02
4892	23	3.5	0.10836	5	0	15	35	2.18605	1.00336	0.83684	3000.02
4893	23	3.5	0.10836	5	0	15	35	2.18605	1.00336	0.83684	3000.02
4894	35	12.5	0.10836	45	2.5	5	7.5	2.65895	0.58768	0.7593	3000.02
4895	22.5	3.5	0.10836	0	0	22.5	27.5	2.27615	0.98479	0.81453	3000.02
4896	30	7.5	0.10836	0	0	17.5	30	2.05921	1.00518	0.92245	3000.02
4897	17.5	3.5	0.33341	0	0	27.5	42.5	2.05921	1.00518	0.92245	3000.02
4898	20	5	0.33071	65	5	5	5	1.74327	1.0422	0.91547	3000.02
4899	17.5	2.5	0.33341	10	0	17.5	35	2.14735	1.06625	0.84368	3000.02
4900	20	2.5	0.10836	2.5	2.5	10	37.5	2.33727	0.986	0.82944	3000.02
4901	40	17.5	0.01084	0	0	5	20	5.95391	0.88062	0.38495	3000.02
4902	40	17.5	0.01084	0	0	5	20	5.95391	0.88062	0.38495	3000.02
4903	40	17.5	0.01084	0	0	5	20	5.95391	0.88062	0.38495	3000.02
4904	40	20	0.10836	0	2.5	0	5	2.91131	0.60305	0.69362	3000.02
4905	37.5	17.5	0.10831	2.5	2.5	20	18	3.06062	0.61185	0.71667	3000.02
4906	17.5	2.5	0.27506	7.5	2.5	22.5	22.5	2.07686	1.05141	0.9316	3000.02
4907	37.5	18	0.10836	0	0	7.5	12.5	5.89431	0.88681	0.3858	3000.02
4908	37.5	18	0.10836	0	0	7.5	12.5	5.89431	0.88681	0.3858	3000.02
4909	20	5	0.10836	10	2.5	12.5	27.5	2.36485	0.99656	0.82903	3000.02
4910	37.5	15	0.10836	7.5	5	2.5	5	3.379	1.22185	0.46954	3000.02
4911	22.5	7.5	0.10836	2.5	5	25	22.5	1.77865	1.20027	0.81821	3000.02
4912	32.5	12.5	0.10836	5	5	5	15	4.27397	1.14916	0.42558	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4913	32.5	15	0.01084	2.5	10	2.5	10	4.45734	1.12122	0.40952	3000.02
4914	20.5	3.5	0.33341	2.5	0	2.5	46	2.57603	1.06595	0.7829	3000.02
4915	30	12.5	0.10836	15	5	5	15	2.74985	0.59329	0.72769	3000.02
4916	17.5	2	0.33341	2.5	5	32.5	35	2.51368	1.00966	0.84688	3000.02
4917	17.5	2	0.33341	2.5	5	32.5	35	2.51368	1.00966	0.84688	3000.02
4918	17.5	2	0.33341	2.5	5	32.5	35	2.51368	1.00966	0.84688	3000.02
4919	17.5	2	0.33341	2.5	5	32.5	35	2.51368	1.00966	0.84688	3000.02
4920	22.5	2.5	0.33341	0	2.5	25	30	2.3019	1.01134	0.81678	3000.02
4921	22.5	2.5	0.33341	2.5	2.5	32.5	32.5	2.03924	1.03702	0.81703	3000.02
4922	20	2.5	0.10836	27.5	7.5	7.5	15	2.47871	1.04439	0.79737	3000.02
4923	20	2.5	0.10836	27.5	7.5	7.5	15	2.47871	1.04439	0.79737	3000.02
4924	20	2.5	0.10836	27.5	7.5	7.5	15	2.47871	1.04439	0.79737	3000.02
4925	20	2.5	0.10836	27.5	7.5	7.5	15	2.47871	1.04439	0.79737	3000.02
4926	20	2.5	0.10836	27.5	7.5	7.5	15	2.47871	1.04439	0.79737	3000.02
4927	22.5	7.5	0.85853	2.5	2.5	27.5	37.5	2.57757	0.58263	0.75797	3000.02
4928	17.5	2.5	0.33341	30	7.5	22.5	17.5	1.93863	1.1358	0.88378	3000.02
4929	17.5	2.5	0.33341	30	7.5	22.5	17.5	1.93863	1.1358	0.88378	3000.02
4930	22.5	3.5	0.33341	0	0	27.5	32.5	2.39947	1.02621	0.80677	3000.02
4931	42.5	18.5	0.10836	0	0	2.5	0	2.93309	0.6044	0.66324	3000.02
4932	42.5	18.5	0.10836	0	0	2.5	0	2.93309	0.6044	0.66324	3000.02
4933	25	7.5	0.10836	17.5	2.5	10	15	1.743	1.02136	0.90955	3000.02
4934	22	3	0.27165	2.5	7.5	5	42.5	1.84634	1.02967	0.87304	3000.02
4935	20	2.5	0.10836	0	0	27.5	27.5	2.23782	1.11983	0.82529	3000.02
4936	17.5	2.5	0.33341	2.5	2.5	10	55	2.20282	0.96742	0.82046	3000.02
4937	41.5	17.5	0.03334	2.5	0	7.5	6.5	5.26625	0.85457	0.39581	3000.02
4938	17.5	2.5	0.10836	5	2.5	20	32.5	2.19817	1.00332	0.91811	3000.02
4939	17.5	2.5	0.10836	5	2.5	20	32.5	2.19817	1.00332	0.91811	3000.02
4940	17.5	2.5	0.10836	5	2.5	20	32.5	2.19817	1.00332	0.91811	3000.02
4941	17.5	2.5	0.10836	5	2.5	20	32.5	2.19817	1.00332	0.91811	3000.02
4942	25	8	0.27506	0	0	5	47.5	2.51024	1.02585	0.88423	3000.02
4943	27.5	2.5	0.10836	2.5	2.5	10	30	2.34626	1.01948	0.81508	3000.02
4944	17.5	2.5	0.33341	50	10	10	15	2.13985	1.00056	0.8456	3000.02
4945	27.5	5	0.27506	42.5	5	2.5	10	2.12541	1.01873	0.81826	3000.02
4946	25	5	0.33341	2.5	2.5	20	35	2.29129	1.02936	0.83676	3000.02
4947	25	5	0.33341	2.5	2.5	20	35	2.29129	1.02936	0.83676	3000.02
4948	25	5	0.33341	2.5	2.5	20	35	2.29129	1.02936	0.83676	3000.02
4949	20	5	0.33341	2.5	2.5	20	30	1.95639	1.10073	0.85397	3000.02
4950	22.5	2.5	0.33341	0	5	32.5	30	1.95639	1.10073	0.85397	3000.02
4951	25	2.5	0.10836	10	2.5	22.5	22.5	3.09325	1.24976	0.54961	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4952	22.5	5	0.33071	50	5	17.5	2.5	1.8268	1.08949	0.89829	3000.02
4953	22.5	2.5	0.33341	2.5	0	15	45	1.8699	1.05213	0.85758	3000.02
4954	20	7.5	0.33341	5	12.5	20	27.5	2.01539	0.98578	0.8341	3000.02
4955	17.5	2.5	0.33341	57.5	5	5	9	2.24695	1.00876	0.79695	3000.02
4956	35	12.5	0.03334	2.5	2.5	2.5	5	4.25341	1.1738	0.407	3000.02
4957	40	15	0.03334	0	0	10	7.5	2.82638	0.59793	0.56079	3000.02
4958	20	7.5	0.33341	27.5	10	20	17.5	2.13436	0.97346	0.84363	3000.02
4959	20	2.5	0.33341	32.5	5	12.5	15	2.13436	0.97346	0.84363	3000.02
4960	22.5	2.5	0.33341	10	2.5	30	25	2.13436	0.97346	0.84363	3000.02
4961	17.5	2.5	0.10836	0	0	35	30	1.94397	1.03146	0.86897	3000.02
4962	17.5	2.5	0.10836	0	0	35	30	1.94397	1.03146	0.86897	3000.02
4963	25	2.5	0.33341	7.5	0	25	32.5	2.67271	1.10666	0.8975	3000.02
4964	25	2.5	0.33341	7.5	0	25	32.5	2.67271	1.10666	0.8975	3000.02
4965	20	5	0.1063	0	0	22.5	30	2.06357	1.04414	0.82567	3000.02
4966	35	15	0.10836	2.5	0	7.5	15	4.20361	1.22535	0.47604	3000.02
4967	35	15	0.10836	2.5	0	7.5	15	4.20361	1.22535	0.47604	3000.02
4968	45	25	0.03334	0	0	2.5	7.5	5.42669	0.87762	0.42887	3000.02
4969	45	25	0.03334	0	0	2.5	7.5	5.42669	0.87762	0.42887	3000.02
4970	45	20	0.01084	10	5	2.5	17.5	2.98184	0.60725	0.59757	3000.02
4971	25	5	0.33341	7.5	7.5	22.5	20	4.01431	0.96758	0.4615	3000.02
4972	17.5	3.5	0.10836	7.5	2.5	22.5	25	1.9157	1.04407	0.83137	3000.02
4973	17.5	2.5	0.33341	10	2.5	30	20	2.46545	1.00337	0.89507	3000.02
4974	17.5	2.5	0.33341	10	2.5	30	20	2.46545	1.00337	0.89507	3000.02
4975	25	2.5	0.10836	12.5	2.5	12.5	17.5	2.52416	1.06484	0.76184	3000.02
4976	22.5	2.5	0.33341	60	5	7.5	12.5	1.56546	1.06659	0.83366	3000.02
4977	25.5	4.5	0.10836	0	0	15	39.5	1.82808	1.03041	0.84603	3000.02
4978	17.5	0	1.08358	2.5	0	32.5	51.5	1.07483	1.08527	0.83558	3000.02
4979	17.5	0	1.08358	2.5	0	32.5	51.5	1.07483	1.08527	0.83558	3000.02
4980	40	15	0.03334	0	0	2.5	7.5	5.41819	0.89647	0.42634	3000.02
4981	25	2.5	0.10836	52.5	5	5	10	2.32773	0.99512	0.79036	3000.02
4982	15	2.5	0.1063	0	2.5	2.5	32.5	1.73179	1.04214	0.96787	3000.02
4983	20	2.5	0.33341	27.5	2.5	20	7.5	2.44114	1.01368	0.93444	3000.02
4984	20	3	0.33341	22.5	2.5	22.5	20	2.44114	1.01368	0.93444	3000.02
4985	20	2.5	0.33341	7.5	2.5	25	32.5	2.54612	1.14373	0.81301	3000.02
4986	20	2.5	0.33341	7.5	2.5	25	32.5	2.54612	1.14373	0.81301	3000.02
4987	35	15	0.03334	42.5	5	5	5	2.8367	0.59858	0.60986	3000.02
4988	20	2.5	0.10836	70	5	2.5	7.5	2.49251	1.15469	0.80234	3000.02
4989	14	3	0.47244	37	18	11	14	1.87525	1.02124	0.88159	3000.02
4990	17.5	1.5	0.10836	0	0	10	42.5	2.20542	0.9945	0.80803	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
4991	20	2.5	0.33341	0	0	30	32.5	2.20542	0.9945	0.80803	3000.02
4992	15	5	0.04724	0	0	5	5	2.60592	1.08879	0.76719	3000.02
4993	10	2.5	0.33071	0	0	3	52	2.21383	1.04365	0.83163	3000.02
4994	20	2.5	0.33341	2.5	2.5	32.5	30	1.80188	1.04985	0.87591	3000.02
4995	20	2.5	0.33341	5	2.5	20	27.5	1.91902	1.04831	0.87915	3000.02
4996	43.5	25	0.10836	2.5	0	3.5	6.5	4.97296	0.87793	0.27269	3000.02
4997	17.5	2.5	0.33071	0	2.5	32.5	35	2.13553	1.04725	0.82134	3000.02
4998	20	2.5	0.10836	45	12.5	2.5	15	2.27869	0.99237	0.79279	3000.02
4999	20	3.5	0.33341	0	2.5	2.5	37.5	2.07326	1.02874	0.96067	3000.02
5000	42.5	20	0.01075	12.5	5	2.5	10	3.9651	1.18355	0.49584	3000.02
5001	20	5	0.33341	30	5	15	22.5	2.37316	1.01525	0.78037	3000.02
5002	22.5	2.5	0.33341	10	5	20	27.5	2.20109	1.02733	0.9033	3000.02
5003	20	2.5	0.33341	45	7.5	12.5	12.5	2.66939	1.16291	0.8885	3000.02
5004	32.5	10	0.09169	15	5	7.5	12.5	5.89062	0.91037	0.37953	3000.02
5005	45	22.5	0.03189	27.5	5	5	12.5	3.16271	0.61784	0.54254	3000.02
5006	40	5	0.10836	15	5	5	20	1.20949	1.0778	0.86016	3000.02
5007	17.5	2.5	1.08358	0	0	15	65.5	1.79175	1.08696	0.90743	3000.02
5008	37.5	15	0.03334	0	0	5	10	3.91885	1.18914	0.49468	3000.02
5009	37.5	15	0.03334	0	0	5	10	3.91885	1.18914	0.49468	3000.02
5010	20	5	0.10836	2.5	7.5	20	32.5	2.43152	1.07188	0.79047	3000.02
5011	20	2.5	0.33341	55	5	12.5	12.5	2.20532	0.99635	0.81326	3000.02
5012	7	0	0.33343	5	0	15	35	2.07247	1.04537	0.91884	3000.02
5013	20	2.5	0.33341	17.5	20	12.5	20	2.14171	0.97699	0.79039	3000.02
5014	20	5	0.33341	0	0	20	40	2.06454	1.03762	0.8097	3000.02
5015	20	5	0.33341	0	0	20	40	2.06454	1.03762	0.8097	3000.02
5016	20	2.5	0.33341	65	5	7.5	7.5	2.23114	1.02609	0.78938	3000.02
5017	20	2.5	0.33341	65	5	7.5	7.5	2.23114	1.02609	0.78938	3000.02
5018	20	2.5	0.33341	65	5	7.5	7.5	2.23114	1.02609	0.78938	3000.02
5019	20	2.5	0.33341	65	5	7.5	7.5	2.23114	1.02609	0.78938	3000.02
5020	20	2.5	0.33341	65	5	7.5	7.5	2.23114	1.02609	0.78938	3000.02
5021	20	7.5	0.27506	7.5	2.5	15	30	1.95881	1.01918	0.82951	3000.02
5022	20	7.5	0.27506	7.5	2.5	15	30	1.95881	1.01918	0.82951	3000.02
5023	20	2.5	0.33341	32.5	5	15	20	2.30769	1.08151	0.81069	3000.02
5024	22.5	5	0.10836	2.5	5	15	25	2.28442	0.99311	0.78494	3000.02
5025	20	2.5	0.33341	30	7.5	20	20	2.11846	1.0155	0.89273	3000.02
5026	37.5	6	0.91688	32.5	7.5	10	12.5	2.0277	1.10667	0.86586	3000.02
5027	37.5	6	0.91688	32.5	7.5	10	12.5	2.0277	1.10667	0.86586	3000.02
5028	37.5	6	0.91688	32.5	7.5	10	12.5	2.0277	1.10667	0.86586	3000.02
5029	27.5	2.5	0.33343	47.5	10	5	15	1.99365	1.00004	0.81369	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5030	22.5	3.5	0.33341	7.5	6	21.5	32.5	2.41108	1.05494	0.86228	3000.02
5031	12.5	5	0.33341	0	12.5	12.5	35	2.05595	1.02362	0.80475	3000.02
5032	12.5	5	0.33341	0	12.5	12.5	35	2.05595	1.02362	0.80475	3000.02
5033	22.5	2.5	0.33341	12.5	0	27.5	25	1.97315	1.09094	0.87031	3000.02
5034	42.5	20	0.03334	10	7.5	7.5	12.5	5.15454	0.91079	0.37446	3000.02
5035	27.5	2.5	0.10836	5	10	32.5	25	1.08222	1.19449	0.78494	3000.02
5036	22.5	2.5	0.33341	2.5	2.5	37.5	30	2.24763	1.05554	0.7908	3000.02
5037	22.5	2.5	0.33341	2.5	2.5	37.5	30	2.24763	1.05554	0.7908	3000.02
5038	20	2.5	0.10836	2.5	2.5	30	25	2.24763	1.05554	0.7908	3000.02
5039	25	2.5	0.10836	57.5	7.5	10	5	2.24763	1.05554	0.7908	3000.02
5040	17.5	2	0.33341	5	5	10	30	2.39565	1.03778	0.75654	3000.02
5041	17.5	2	0.33341	5	5	10	30	2.39565	1.03778	0.75654	3000.02
5042	20	2.5	0.33341	0	2.5	12.5	35	2.17957	1.02227	0.81452	3000.02
5043	22.5	3.5	0.33341	0	2.5	15	42.5	2.12261	1.04879	0.91167	3000.02
5044	22.5	3.5	0.33341	0	2.5	15	42.5	2.12261	1.04879	0.91167	3000.02
5045	22.5	3.5	0.10836	2.5	0	10.5	28.5	1.98754	1.08713	0.86036	3000.02
5046	28.5	4	0.27506	10	10	17.5	17.5	1.5784	1.10848	0.84664	3000.02
5047	22.5	2.5	0.33341	12.5	10	15	22.5	1.13504	1.1012	0.81874	3000.02
5048	22.5	2.5	0.33341	22.5	5	17.5	20	1.60443	1.04206	0.85622	3000.02
5049	17.5	3.5	0.10836	5	0	12.5	32.5	2.09345	1.0201	0.86479	3000.02
5050	20	3.5	0.33341	10	5	27.5	17.5	2.07741	1.03043	0.8054	3000.02
5051	22.5	3.5	0.33341	7.5	0	10	47	2.17405	1.07881	0.78622	3000.02
5052	22.5	3.5	0.33341	7.5	0	10	47	2.17405	1.07881	0.78622	3000.02
5053	22.5	3.5	0.33341	7.5	0	10	47	2.17405	1.07881	0.78622	3000.02
5054	22.5	3.5	0.33341	7.5	0	10	47	2.17405	1.07881	0.78622	3000.02
5055	22.5	3.5	0.33341	7.5	0	10	47	2.17405	1.07881	0.78622	3000.02
5056	25	5	0.33341	57.5	10	7.5	7.5	2.01425	1.03313	0.82185	3000.02
5057	20	3.5	1.08358	0	0	17.5	61.5	1.40737	1.10077	0.81478	3000.02
5058	35	15	0.03334	5	2.5	5	17.5	5.4886	0.8571	0.39189	3000.02
5059	35	15	0.03334	5	2.5	5	17.5	5.4886	0.8571	0.39189	3000.02
5060	21	3.5	0.10836	0	0	2.5	10	2.53552	1.00385	0.89	3000.02
5061	21	3.5	0.10836	0	0	2.5	10	2.53552	1.00385	0.89	3000.02
5062	25	5	0.33341	55	2.5	2.5	15	2.3583	1.16273	0.7439	3000.02
5063	25	5	0.33341	55	2.5	2.5	15	2.3583	1.16273	0.7439	3000.02
5064	17.5	2.5	0.10836	0	0	35	30	1.90763	1.05373	0.82675	3000.02
5065	40	20	0.01084	20	5	5	12.5	4.77677	0.88237	0.42496	3000.02
5066	20	2.5	0.10836	65	2.5	12.5	5	2.40438	0.99652	0.82178	3000.02
5067	20	2.5	0.10836	65	2.5	12.5	5	2.40438	0.99652	0.82178	3000.02
5068	22.5	2.5	0.33341	45	12.5	12.5	17.5	2.3398	1.00132	0.91017	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5069	40	22.5	0.03334	7.5	2.5	2.5	7.5	5.79539	0.86821	0.30784	3000.02
5070	40	22.5	0.03334	7.5	2.5	2.5	7.5	5.79539	0.86821	0.30784	3000.02
5071	40	22.5	0.03334	7.5	2.5	2.5	7.5	5.79539	0.86821	0.30784	3000.02
5072	40	22.5	0.03334	7.5	2.5	2.5	7.5	5.79539	0.86821	0.30784	3000.02
5073	40	22.5	0.03334	7.5	2.5	2.5	7.5	5.79539	0.86821	0.30784	3000.02
5074	42.5	20	0.10836	2.5	0	0	10	5.79633	0.8461	0.31834	3000.02
5075	60	35	0.01084	2.5	5	0	18	4.47795	0.87316	0.25121	3000.02
5076	21	5	0.33341	5	2.5	2.5	55	2.13944	0.99743	0.77895	3000.02
5077	21	5	0.33341	5	2.5	2.5	55	2.13944	0.99743	0.77895	3000.02
5078	25	2.5	0.33341	10	10	12.5	30	1.94623	1.00145	0.84209	3000.02
5079	45	27.5	0.01084	7.5	1	4	3	5.37947	0.87892	0.2921	3000.02
5080	45	27.5	0.01084	7.5	1	4	3	5.37947	0.87892	0.2921	3000.02
5081	24	6	0.27506	5	2.5	25	27.5	1.89865	1.01986	0.80668	3000.02
5082	55	32.5	0.01084	7.5	0	0	2.5	4.88209	0.87982	0.27368	3000.02
5083	25	2.5	0.33341	0	0	25	32.5	2.19332	1.0215	0.82736	3000.02
5084	17.5	2.5	0.10836	52.5	5	7.5	12.5	2.38239	1.04532	0.84355	3000.02
5085	17.5	3.5	0.33341	0	7.5	11	51.5	2.67377	0.58868	0.68065	3000.02
5086	22.5	2.5	0.33341	30	7.5	12.5	20	2.50092	1.00401	0.82367	3000.02
5087	15	2.5	0.33343	0	0	32.5	30	2.27797	1.12211	0.85808	3000.02
5088	15	2.5	0.33343	0	0	32.5	30	2.27797	1.12211	0.85808	3000.02
5089	22.5	2.5	0.33341	30	5	27.5	15	2.28948	1.03579	0.92795	3000.02
5090	25	2.5	0.10836	20	15	12.5	15	2.28948	1.03579	0.92795	3000.02
5091	20	2.5	0.10836	55	7.5	7.5	10	1.45118	1.03545	0.81769	3000.02
5092	25	2.5	0.33341	17.5	20	17.5	15	2.03676	1.21144	0.87588	3000.02
5093	25	2.5	0.10836	2.5	2.5	10	45	1.89415	1.02246	0.80488	3000.02
5094	20	5	0.33341	50	10	7.5	17.5	2.16183	1.01294	0.76923	3000.02
5095	22.5	5	0.10836	45	7.5	10	12.5	2.16183	1.01294	0.76923	3000.02
5096	7.5	0	1.08354	0	2.5	15	70	1.60158	1.06953	0.85656	3000.02
5097	25	2.5	0.33341	5	5	20	20	1.99663	0.99493	0.78876	3000.02
5098	17.5	2	0.33341	2.5	2.5	22.5	37.5	2.1437	1.00817	0.84587	3000.02
5099	22.5	2.5	0.10836	35	10	10	15	1.76189	1.03897	0.84088	3000.02
5100	22.5	2.5	0.10836	35	10	10	15	1.76189	1.03897	0.84088	3000.02
5101	42.5	20	0.01084	7.5	2.5	2.5	10	5.5386	0.91979	0.30268	3000.02
5102	20	2.5	0.33071	7.5	5	10	30	1.80239	1.05883	0.84333	3000.02
5103	20	2.5	0.33341	7.5	5	12.5	37.5	1.80239	1.05883	0.84333	3000.02
5104	20	2.5	0.33341	7.5	5	12.5	37.5	1.80239	1.05883	0.84333	3000.02
5105	22.5	2.5	0.33071	2.5	5	20	30	2.15986	0.98928	0.80923	3000.02
5106	25	3.5	0.33341	5	5	14	36	1.85313	0.99375	0.78461	3000.02
5107	25	3.5	0.33341	5	5	14	36	1.85313	0.99375	0.78461	3000.02

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5108	25	3.5	0.33341	5	5	14	36	1.85313	0.99375	0.78461	3000.02
5109	25	3.5	0.33341	5	5	14	36	1.85313	0.99375	0.78461	3000.02
5110	25	3.5	0.33341	5	5	14	36	1.85313	0.99375	0.78461	3000.02
5111	25	3.5	0.33341	5	5	14	36	1.85313	0.99375	0.78461	3000.02
5112	12.5	2.5	0.00834	25	5	12.5	17.5	2.10188	1.02395	0.8878	3000.02
5113	20	5	0.33341	7.5	2.5	22.5	25	2.21887	1.02967	0.80717	3000.02
5114	25	5	0.33341	27.5	5	20	15	2.30274	1.05984	0.8023	3000.02
5115	25	5	0.33341	27.5	5	20	15	2.30274	1.05984	0.8023	3000.02
5116	25	5	0.33341	27.5	5	20	15	2.30274	1.05984	0.8023	3000.02
5117	25	5	0.33341	27.5	5	20	15	2.30274	1.05984	0.8023	3000.02
5118	25	5	0.33341	27.5	5	20	15	2.30274	1.05984	0.8023	3000.02
5119	25	5	0.33341	27.5	5	20	15	2.30274	1.05984	0.8023	3000.02
5120	22.5	2.5	0.10836	2.5	5	12.5	22.5	2.2907	0.98969	0.79309	3000.02
5121	22.5	2.5	0.33341	20	0	27.5	22.5	1.76699	1.00885	0.81872	3000.02
5122	32.5	3	0.27506	15	7.5	12.5	12.5	1.88295	1.06435	0.81231	3000.02
5123	32.5	3	0.27506	15	7.5	12.5	12.5	1.88295	1.06435	0.81231	3000.02
5124	32.5	3	0.27506	15	7.5	12.5	12.5	1.88295	1.06435	0.81231	3000.02
5125	32.5	3	0.27506	15	7.5	12.5	12.5	1.88295	1.06435	0.81231	3000.02
5126	32.5	3	0.27506	15	7.5	12.5	12.5	1.88295	1.06435	0.81231	3000.02
5127	20	2.5	0.33343	2.5	2.5	20	32.5	1.86421	1.13119	0.78481	3000.02
5128	40	22.5	0.0025	0	0	2.5	5	2.76458	0.59418	0.65723	3000.02
5129	40	22.5	0.01084	0	0	5	5	2.76458	0.59418	0.65723	3000.02
5130	40	22.5	0.01084	0	0	5	5	2.76458	0.59418	0.65723	3000.02
5131	40	22.5	0.01084	0	0	5	5	2.76458	0.59418	0.65723	3000.02
5132	40	22.5	0.01084	0	0	5	5	2.76458	0.59418	0.65723	3000.02
5133	40	22.5	0.01084	0	0	5	5	2.76458	0.59418	0.65723	3000.02
5134	60	35	0.01084	0	0	2.5	7.5	2.76458	0.59418	0.65723	3000.02
5135	20	2.5	0.33071	57.5	5	12.5	10	1.84042	1.03375	0.87268	3000.03
5136	22.5	2.5	0.33341	12.5	0	25	27.5	2.06549	0.98612	0.79448	3000.03
5137	39.5	23.5	0.10836	5	0	2.5	14	5.66281	0.90085	0.38991	3000.03
5138	52.5	25	0.03334	0	0	0	2.5	4.87168	0.93233	0.41041	3000.03
5139	52.5	25	0.03543	0	0	0	2.5	4.87168	0.93233	0.41041	3000.03
5140	52.5	25	0.03334	0	0	0	2.5	5.54217	0.90779	0.3175	3000.03
5141	52.5	25	0.03543	0	0	0	2.5	5.54217	0.90779	0.3175	3000.03
5142	42.5	22.5	0.01084	0	0	2.5	15	5.54217	0.90779	0.3175	3000.03
5143	25	2.5	0.10836	12.5	0	17.5	20	2.22034	0.98982	0.784	3000.03
5144	25	2.5	0.10836	12.5	0	17.5	20	2.22034	0.98982	0.784	3000.03
5145	25	2.5	0.10836	12.5	0	17.5	20	2.22034	0.98982	0.784	3000.03
5146	25	2.5	0.10836	12.5	0	17.5	20	2.22034	0.98982	0.784	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5147	25	2.5	0.10836	12.5	0	17.5	20	2.22034	0.98982	0.784	3000.03
5148	37.5	15	0.03334	2.5	2.5	10	0	2.82817	0.59802	0.56741	3000.03
5149	17.5	2	0.33341	0	0	12.5	62.5	2.1428	1.01568	0.77892	3000.03
5150	25	5	0.10836	0	5	2.5	22.5	2.0984	1.04174	0.88816	3000.03
5151	40	15.5	0.09169	5	0	5	0	5.29271	0.87459	0.42817	3000.03
5152	25	2.5	0.10836	60	7.5	2.5	7.5	2.33844	1.02637	0.74687	3000.03
5153	25	2.5	0.10836	60	7.5	2.5	7.5	2.33844	1.02637	0.74687	3000.03
5154	40	12.5	0.1063	5	7.5	0	15	2.76518	0.59424	0.69489	3000.03
5155	52.5	30	0.01084	0	0	2.5	7.5	4.79908	0.84319	0.28537	3000.03
5156	55	27.5	0.0261	5	2.5	15	0	5.38668	0.88933	0.29431	3000.03
5157	25	2.5	1.08358	25	12.5	17.5	20	1.15924	1.06722	0.86061	3000.03
5158	20	2.5	0.33343	5	5	22.5	30	2.35825	1.06732	0.75676	3000.03
5159	20	3.5	0.33341	5	10	20	30	2.35825	1.06732	0.75676	3000.03
5160	32.5	12.5	0.10836	40	5	5	10	5.24095	0.94359	0.51332	3000.03
5161	32.5	12.5	0.10836	40	5	5	10	5.24095	0.94359	0.51332	3000.03
5162	25	7.5	0.33341	10	5	30	20	1.81242	1.05622	0.82669	3000.03
5163	20	2.5	0.33343	2.5	2.5	20	32.5	2.36301	1.13237	0.77174	3000.03
5164	22.5	2.5	0.33341	5	0	40	35	2.36301	1.13237	0.77174	3000.03
5165	20	5	1.08358	0	0	5	55	2.41973	0.99958	0.85248	3000.03
5166	20.5	4.5	0.33341	2.5	2.5	32.5	30	2.36969	1.0468	0.754	3000.03
5167	22.5	3.5	0.10836	2.5	2.5	17.5	34.5	2.20649	1.02343	0.74661	3000.03
5168	22.5	2.5	0.10836	10	0	2.5	42.5	1.8392	1.02266	0.80354	3000.03
5169	18.5	3.5	0.10836	1	0	0	45	2.43622	1.10396	0.86086	3000.03
5170	18.5	3.5	0.10836	1	0	0	45	2.43622	1.10396	0.86086	3000.03
5171	22.5	3.5	0.33341	8	2	11.5	44.5	2.36982	1.14173	0.75096	3000.03
5172	17.5	2.5	0.91688	0	0	20	40	1.42032	1.03685	0.84239	3000.03
5173	45	22.5	0.01084	2.5	2.5	7.5	10	5.06916	0.89647	0.28579	3000.03
5174	40	20	0.01084	5	0	7.5	5	5.06916	0.89647	0.28579	3000.03
5175	40	20	0.01084	5	0	7.5	5	5.06916	0.89647	0.28579	3000.03
5176	40	20	0.01084	5	0	7.5	5	5.06916	0.89647	0.28579	3000.03
5177	40	20	0.01084	5	0	7.5	5	5.06916	0.89647	0.28579	3000.03
5178	30	7.5	0.10836	12.5	5	10	10	1.35285	1.03822	0.80723	3000.03
5179	25	5	0.33071	2.5	2.5	5	30	2.07428	0.99178	0.77418	3000.03
5180	25	2.5	0.10831	0	0	22.5	30	1.14609	1.08605	0.80164	3000.03
5181	50	27.5	0.01087	37.5	5	2.5	7.5	5.11276	0.86685	0.27895	3000.03
5182	22.5	5	0.33341	0	2.5	2.5	35.5	2.21122	1.09943	0.78487	3000.03
5183	45	22.5	0.03334	5	20	2.5	7.5	5.36034	0.85551	0.31466	3000.03
5184	27.5	7.5	0.33331	32.5	5	20	15	2.08674	1.00882	0.77062	3000.03
5185	17.5	2.5	1.08358	52.5	15	7.5	12.5	2.07968	1.00363	0.79413	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5186	22.5	2.5	0.33071	12.5	25	20	15	2.67612	0.98934	0.60981	3000.03
5187	22.5	2.5	0.33071	12.5	25	20	15	2.67612	0.98934	0.60981	3000.03
5188	20	2.5	0.33341	2.5	2.5	25	30	1.72481	1.08629	0.80204	3000.03
5189	22.5	2.5	0.33341	27.5	10	22.5	17.5	2.44533	1.0333	0.88214	3000.03
5190	17.5	0	0.10836	2.5	7.5	20	37.5	1.89517	1.05249	0.84254	3000.03
5191	25	5	0.28346	0	25	25	25	2.0764	1.00596	0.77895	3000.03
5192	40	22.5	0.03334	20	0	5	5	5.85241	0.90015	0.3582	3000.03
5193	45	22.5	0.01084	30	5	5	10	5.85241	0.90015	0.3582	3000.03
5194	22.5	2.5	0.33071	37.5	5	12.5	22.5	2.15219	1.14517	0.79662	3000.03
5195	20	2.5	0.33341	7.5	10	25	30	2.25782	1.01873	0.91116	3000.03
5196	26.5	7.5	0.33341	0	0	3	16	1.97911	1.01124	0.77606	3000.03
5197	26.5	7.5	0.33341	0	0	3	16	1.97911	1.01124	0.77606	3000.03
5198	22.5	2.5	0.10836	47.5	10	10	7.5	1.83948	1.14093	0.78621	3000.03
5199	20	2.5	0.33341	25	5	20	10	2.49781	1.02049	0.93178	3000.03
5200	22.5	2.5	0.33341	30	5	20	17.5	1.72551	1.03406	0.83724	3000.03
5201	20	2.5	0.33341	10	2.5	12.5	35	1.86461	1.04071	0.79093	3000.03
5202	20	2.5	0.33341	10	2.5	12.5	35	1.86461	1.04071	0.79093	3000.03
5203	20	2.5	0.33341	10	2.5	12.5	35	1.86461	1.04071	0.79093	3000.03
5204	31	12	0.10836	12.5	15	2.5	30	2.46336	1.00301	0.88171	3000.03
5205	17.5	2.5	0.33341	25	7.5	15	15	2.6566	1.17595	0.92418	3000.03
5206	20	3.5	0.33341	2.5	0	5	47	2.24517	1.0198	0.89837	3000.03
5207	20	3.5	0.33341	2.5	0	5	47	2.24517	1.0198	0.89837	3000.03
5208	22.5	2.5	0.33341	65	5	10	10	2.24517	1.0198	0.89837	3000.03
5209	22.5	2.5	0.33341	65	5	10	10	2.24517	1.0198	0.89837	3000.03
5210	20	2.5	0.33071	42.5	15	17.5	10	2.59389	1.14257	0.80913	3000.03
5211	22.5	7.5	0.1063	0	5	17.5	25	1.92171	1.06677	0.78787	3000.03
5212	17.5	2.5	0.33341	0	0	5	42.5	1.85439	1.04066	0.79522	3000.03
5213	25	5	0.27506	2.5	2.5	17.5	35	1.68881	1.06266	0.87696	3000.03
5214	42.5	22.5	0.01087	0	0	2.5	2.5	5.3297	0.86279	0.32169	3000.03
5215	50	15	0.33341	12.5	0	2.5	2.5	2.07369	1.05614	0.80572	3000.03
5216	20	2.5	0.33341	50	5	10	12.5	2.5146	1.04587	0.86631	3000.03
5217	17.5	2.5	1.08358	12.5	30	27.5	10	1.39911	1.03233	0.78156	3000.03
5218	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5219	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5220	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5221	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5222	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5223	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5224	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5225	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5226	21.5	3.5	0.33341	7.5	2.5	24	37	1.51486	1.05112	0.81967	3000.03
5227	17.5	2.5	0.33341	57.5	5	5	9	2.15058	0.99333	0.7758	3000.03
5228	17.5	2.5	0.33341	5	2.5	7.5	42.5	2.2447	1.05891	0.74627	3000.03
5229	17.5	2.5	0.33341	5	2.5	7.5	42.5	2.2447	1.05891	0.74627	3000.03
5230	22.5	3.5	0.91688	10	0	12.5	25	1.81965	1.04627	0.81797	3000.03
5231	22.5	3.5	0.10836	1	0	14	35	2.14295	1.01063	0.74502	3000.03
5232	20	2.5	0.10836	37.5	5	15	15	2.14295	1.01063	0.74502	3000.03
5233	21.5	3.5	0.33341	7.5	2.5	24	37	1.49858	1.07951	0.77908	3000.03
5234	21.5	3.5	0.33341	7.5	2.5	24	37	1.49858	1.07951	0.77908	3000.03
5235	21.5	3.5	0.33341	7.5	2.5	24	37	1.49858	1.07951	0.77908	3000.03
5236	42.5	18	0.10836	0	0	2.5	5	2.59777	0.58391	0.60857	3000.03
5237	20	3.5	0.10836	0	0	17.5	27.5	2.13972	0.9844	0.74959	3000.03
5238	20	5	0.33341	10	2.5	30	22.5	1.91207	1.04332	0.77313	3000.03
5239	20	5	0.33341	10	2.5	30	22.5	1.91207	1.04332	0.77313	3000.03
5240	20	5	0.33341	10	2.5	30	22.5	1.91207	1.04332	0.77313	3000.03
5241	20	5	0.33341	10	2.5	30	22.5	1.91207	1.04332	0.77313	3000.03
5242	20	5	0.33341	10	2.5	30	22.5	1.91207	1.04332	0.77313	3000.03
5243	32.5	17	0.03334	0	0	1	19	5.26661	0.86712	0.42755	3000.03
5244	32.5	17	0.03334	0	0	1	19	5.26661	0.86712	0.42755	3000.03
5245	32.5	17	0.03334	0	0	1	19	5.26661	0.86712	0.42755	3000.03
5246	32.5	17	0.03334	0	0	1	19	5.26661	0.86712	0.42755	3000.03
5247	20	3.5	0.33341	0	0	2.5	77.5	2.12769	1.01517	0.77272	3000.03
5248	20	3.5	0.33341	0	0	2.5	77.5	2.12769	1.01517	0.77272	3000.03
5249	25	5	0.33341	0	0	35	30	2.12769	1.01517	0.77272	3000.03
5250	52.5	27.5	0.03334	7.5	2.5	5	10	5.10441	0.88636	0.31362	3000.03
5251	52.5	27.5	0.03334	7.5	2.5	5	10	5.10441	0.88636	0.31362	3000.03
5252	52.5	27.5	0.03334	7.5	2.5	5	10	5.10441	0.88636	0.31362	3000.03
5253	52.5	27.5	0.03334	7.5	2.5	5	10	5.10441	0.88636	0.31362	3000.03
5254	52.5	27.5	0.03334	7.5	2.5	5	10	5.10441	0.88636	0.31362	3000.03
5255	27.5	8.5	0.10836	0	0	5	20	1.79505	1.04446	0.81458	3000.03
5256	27.5	7.5	0.33341	30	5	20	10	1.63157	1.06891	0.81056	3000.03
5257	27.5	7.5	0.33341	30	5	20	10	1.63157	1.06891	0.81056	3000.03
5258	27.5	7.5	0.33341	30	5	20	10	1.63157	1.06891	0.81056	3000.03
5259	22.5	7.5	0.33341	57.5	7.5	7.5	10	2.24704	1.03033	0.72623	3000.03
5260	25	2.5	0.33341	37.5	5	10	17.5	1.44215	1.04097	0.80183	3000.03
5261	17.5	3.5	0.10836	22.5	7.5	20	15	2.20758	1.0242	0.77375	3000.03
5262	17.5	3.5	0.10836	22.5	7.5	20	15	2.20758	1.0242	0.77375	3000.03
5263	32.5	2.5	1.08358	52.5	7.5	12.5	10	1.27978	1.10598	0.81483	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5264	20	2.5	0.33341	65	5	5	12.5	1.58341	1.09785	0.78374	3000.03
5265	20	2.5	0.33341	65	5	5	12.5	1.58341	1.09785	0.78374	3000.03
5266	20	2.5	0.10836	50	5	10	10	2.19616	1.02623	0.9006	3000.03
5267	20	2.5	0.33341	2.5	15	20	27.5	1.88679	1.01555	0.76396	3000.03
5268	20	2.5	0.33341	2.5	15	20	27.5	1.88679	1.01555	0.76396	3000.03
5269	45	25	0.03331	0	0	5	20	2.54452	0.58057	0.63887	3000.03
5270	42.5	21	0.03334	7.5	12.5	15	7.5	5.96635	0.8613	0.37696	3000.03
5271	17.5	2.5	0.33341	47.5	12.5	7.5	7.5	2.38278	1.17203	0.86443	3000.03
5272	22.5	2.5	1.08358	22.5	12.5	10	35	1.86205	1.06878	0.79117	3000.03
5273	22.5	2.5	1.08358	22.5	12.5	10	35	1.86205	1.06878	0.79117	3000.03
5274	30	10	0.09169	2.5	0	2.5	10	5.98062	0.87482	0.33205	3000.03
5275	20	2.5	0.33341	2.5	2.5	12.5	52.5	1.77646	1.0401	0.81064	3000.03
5276	20	5	0.33341	5	2.5	5	50	2.08923	1.09342	0.73072	3000.03
5277	20	5	0.33341	55	5	15	10	2.05773	1.03194	0.88109	3000.03
5278	20	5	0.33341	55	5	15	10	2.05773	1.03194	0.88109	3000.03
5279	20	3.5	0.10836	2.5	0.5	9.5	27.5	2.15038	1.0182	0.83498	3000.03
5280	22.5	2.5	0.10836	5	7.5	10	17.5	2.49255	1.13703	0.76824	3000.03
5281	20	2.5	0.10836	5	5	32.5	22.5	2.00545	1.04477	0.97655	3000.03
5282	22.5	4	0.33341	2.5	1	4	39.5	2.15213	1.08181	0.96225	3000.03
5283	35	7.5	0.27165	42.5	35	2.5	5	1.93589	1.04937	0.75057	3000.03
5284	20	2.5	0.33341	15	40	12.5	17.5	1.95906	1.02912	0.78008	3000.03
5285	20	5	0.10836	47.5	5	5	17.5	1.95906	1.02912	0.78008	3000.03
5286	27.5	7.5	0.33341	52.5	7.5	7.5	7.5	2.02899	1.1449	0.7717	3000.03
5287	27.5	7.5	0.33341	52.5	7.5	7.5	7.5	2.02899	1.1449	0.7717	3000.03
5288	27.5	7.5	0.33341	52.5	7.5	7.5	7.5	2.02899	1.1449	0.7717	3000.03
5289	40	5	0.10836	12.5	3.5	9	32.5	1.88172	1.01381	0.79046	3000.03
5290	25	5	0.33341	2.5	2.5	20	35	2.13247	0.98824	0.8572	3000.03
5291	25	5	0.33341	2.5	2.5	20	35	2.13247	0.98824	0.8572	3000.03
5292	25	5	0.33341	2.5	2.5	20	35	2.13247	0.98824	0.8572	3000.03
5293	25	5	0.33341	2.5	2.5	20	35	2.13247	0.98824	0.8572	3000.03
5294	25	5	0.33341	2.5	2.5	20	35	2.13247	0.98824	0.8572	3000.03
5295	25	5	0.33341	2.5	2.5	20	35	2.13247	0.98824	0.8572	3000.03
5296	32.5	12.5	0.03334	22.5	2.5	2.5	15	5.31799	0.93411	0.37357	3000.03
5297	32.5	12.5	0.03334	22.5	2.5	2.5	15	5.31799	0.93411	0.37357	3000.03
5298	20	1.5	1.08358	7.5	2.5	1	62.5	1.72286	1.13387	0.91075	3000.03
5299	22.5	2.5	0.10831	2.5	0	5	30	2.03967	1.07108	0.74948	3000.03
5300	23.5	4.5	1.08358	32.5	10	0	20	2.05812	1.02385	0.89972	3000.03
5301	23.5	4.5	1.08358	32.5	10	0	20	2.05812	1.02385	0.89972	3000.03
5302	23.5	4.5	1.08358	32.5	10	0	20	2.05812	1.02385	0.89972	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5303	23.5	4.5	1.08358	32.5	10	0	20	2.05812	1.02385	0.89972	3000.03
5304	23.5	4.5	1.08358	32.5	10	0	20	2.05812	1.02385	0.89972	3000.03
5305	23.5	4.5	1.08358	32.5	10	0	20	2.05812	1.02385	0.89972	3000.03
5306	45	25	0.01084	30	5	12.5	5	5.96486	0.86166	0.35406	3000.03
5307	45	25	0.01084	30	5	12.5	5	5.96486	0.86166	0.35406	3000.03
5308	40	20	0.27506	1	1.5	5	10	5.75406	0.8844	0.32025	3000.03
5309	22.5	2.5	0.33341	55	7.5	12.5	10	1.95362	1.01125	0.76985	3000.03
5310	20	2.5	0.91689	60	2.5	12.5	10	1.37777	1.0761	0.79173	3000.03
5311	25	2.5	0.10836	2.5	5	15	37.5	1.98308	1.0211	0.95765	3000.03
5312	22.5	3.5	0.33341	12.5	5	15	22.5	1.74162	1.02496	0.80185	3000.03
5313	45	25	0.10836	0	0	0	2.5	4.74304	0.9296	0.40712	3000.03
5314	45	25	0.10836	0	0	0	2.5	4.74304	0.9296	0.40712	3000.03
5315	45	25	0.10836	0	0	0	2.5	4.74304	0.9296	0.40712	3000.03
5316	45	25	0.10836	0	0	0	2.5	4.74304	0.9296	0.40712	3000.03
5317	45	25	0.10836	0	0	0	2.5	4.74304	0.9296	0.40712	3000.03
5318	45	25	0.10836	0	0	0	2.5	4.74304	0.9296	0.40712	3000.03
5319	47.5	25	0.10836	0	0	2.5	2.5	4.74304	0.9296	0.40712	3000.03
5320	21	3.5	0.27506	22.5	5	20	17.5	2.10291	1.0534	0.87222	3000.03
5321	20	2.5	0.33341	22.5	7.5	25	20	1.60078	1.06565	0.80965	3000.03
5322	20	2.5	0.33341	22.5	7.5	25	20	1.60078	1.06565	0.80965	3000.03
5323	20	2.5	0.33341	22.5	7.5	25	20	1.60078	1.06565	0.80965	3000.03
5324	20	2.5	0.33341	22.5	7.5	25	20	1.60078	1.06565	0.80965	3000.03
5325	20	2.5	0.33341	22.5	7.5	25	20	1.60078	1.06565	0.80965	3000.03
5326	25	5	0.33341	35	5	10	20	1.48611	1.06948	0.816	3000.03
5327	25	5	0.10836	5	5	12.5	12.5	5.65136	0.96598	0.60525	3000.03
5328	27.5	7.5	0.10836	7.5	2.5	12.5	15	5.65136	0.96598	0.60525	3000.03
5329	27.5	7.5	0.10836	7.5	2.5	12.5	15	5.65136	0.96598	0.60525	3000.03
5330	27.5	7.5	0.10836	7.5	2.5	12.5	15	5.65136	0.96598	0.60525	3000.03
5331	27.5	7.5	0.10836	7.5	2.5	12.5	15	5.65136	0.96598	0.60525	3000.03
5332	22.5	7.5	0.33341	0	0	35	30	2.17733	1.01799	0.79112	3000.03
5333	25	5	0.33341	65	12.5	7.5	7.5	2.1958	1.022	0.75368	3000.03
5334	20	2.5	0.33341	7.5	2.5	27.5	20	2.12553	0.99753	0.77212	3000.03
5335	20	2.5	1.08354	47.5	12.5	12.5	10	1.64439	1.03976	0.93181	3000.03
5336	25	2.5	0.33341	35	5	12.5	17.5	1.9099	1.04606	0.75618	3000.03
5337	25	7.5	0.10836	25	5	20	22.5	1.38783	1.02055	0.78281	3000.03
5338	25	7.5	0.10836	25	5	20	22.5	1.38783	1.02055	0.78281	3000.03
5339	25	7.5	0.10836	25	5	20	22.5	1.38783	1.02055	0.78281	3000.03
5340	25	7.5	0.10836	25	5	20	22.5	1.38783	1.02055	0.78281	3000.03
5341	17.5	2.5	0.1063	62.5	7.5	5	7.5	1.476	1.05562	0.7772	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5342	22.5	2.5	0.33341	10	2.5	30	25	1.90571	1.05955	0.81026	3000.03
5343	27.5	2.5	0.33343	7.5	5	27.5	27.5	1.44543	1.02375	0.77561	3000.03
5344	22.5	2.5	0.33341	10	10	10	32.5	2.23873	1.05304	0.75889	3000.03
5345	17.5	2	0.1063	2.5	0	22.5	27.5	2.21453	1.01052	0.73425	3000.03
5346	22.5	2.5	0.10836	32.5	5	12.5	12.5	1.92467	0.98932	0.76309	3000.03
5347	22.5	2.5	0.10836	30	7.5	15	12.5	1.92467	0.98932	0.76309	3000.03
5348	22.5	2.5	0.10836	30	7.5	15	12.5	1.92467	0.98932	0.76309	3000.03
5349	22.5	2.5	0.33343	5	2.5	20	32.5	2.06375	0.99087	0.7614	3000.03
5350	20	3.5	0.10836	5	1	14	45	2.13454	1.00905	0.80002	3000.03
5351	25	7.5	0.10836	0	5	5	15	1.28754	1.05115	0.81051	3000.03
5352	25	2.5	0.10836	0	0	15	30	1.6405	1.03086	0.85407	3000.03
5353	45	25	0.03334	0	0	2.5	5	4.58161	0.85022	0.27509	3000.03
5354	25	5	0.33341	5	0	25	27.5	1.9241	1.01669	0.766	3000.03
5355	25	2.5	0.33341	5	2.5	17.5	32.5	1.4066	1.05787	0.79289	3000.03
5356	20	5	0.33341	30	5	17.5	17.5	1.84867	1.00597	0.76382	3000.03
5357	20	5	0.33341	30	5	17.5	17.5	1.84867	1.00597	0.76382	3000.03
5358	20	2.5	0.33341	40	10	17.5	15	1.73953	1.20821	0.77761	3000.03
5359	20	2.5	0.33341	40	10	17.5	15	1.73953	1.20821	0.77761	3000.03
5360	22.5	2.5	0.33341	0	5	32.5	30	2.1338	1.12259	0.75125	3000.03
5361	46	22.5	0.00834	20	10	5	5	5.23111	0.87639	0.28912	3000.03
5362	20	2.5	0.33341	2.5	0	15	42.5	2.39466	1.00413	0.86378	3000.03
5363	25	2.5	0.33343	2.5	0	10	45	2.39466	1.00413	0.86378	3000.03
5364	20	2.5	0.33341	2.5	0	15	42.5	2.39466	1.00413	0.86378	3000.03
5365	20	2.5	0.33341	2.5	0	15	42.5	2.39466	1.00413	0.86378	3000.03
5366	20	2.5	0.33341	2.5	0	15	42.5	2.39466	1.00413	0.86378	3000.03
5367	20	2.5	0.33341	2.5	0	15	42.5	2.39466	1.00413	0.86378	3000.03
5368	20	2.5	0.33341	2.5	0	15	42.5	2.39466	1.00413	0.86378	3000.03
5369	20.5	3.5	0.10836	0	2.5	7.5	52.5	2.39466	1.00413	0.86378	3000.03
5370	20	2.5	0.33341	10	7.5	27.5	27.5	2.16912	1.02432	0.80401	3000.03
5371	20	2.5	0.33343	2.5	2.5	20	27.5	2.15067	1.03201	0.84254	3000.03
5372	30	6	0.10836	5	2.5	15	15	2.09157	1.05161	0.81928	3000.03
5373	30	6	0.10836	5	2.5	15	15	2.09157	1.05161	0.81928	3000.03
5374	25	10	0.03334	7.5	5	7.5	12.5	5.67276	0.90836	0.31714	3000.03
5375	45	22.5	0.03334	5	0	2.5	5	5.44732	0.85136	0.32201	3000.03
5376	25	2.5	0.10831	0	0	22.5	30	1.19196	1.04174	0.80725	3000.03
5377	22.5	2.5	0.33341	42.5	10	17.5	5	2.48449	1.14783	0.75172	3000.03
5378	20	2.5	0.33341	37.5	5	20	17.5	2.37258	1.06212	0.83116	3000.03
5379	26	8	0.33341	0	1	1.5	20	2.13445	1.01191	0.73857	3000.03
5380	20	2.5	1.08358	5	0	32.5	40	2.03219	1.00268	0.76176	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5381	20	2.5	0.10836	2.5	2.5	7.5	30	2.28667	1.03938	0.76069	3000.03
5382	20	2.5	0.33343	0	2.5	12.5	30	2.19298	1.05327	0.77764	3000.03
5383	20	3.5	0.33341	2.5	10	22.5	42.5	1.16397	1.14025	0.77767	3000.03
5384	25	2.5	0.33341	20	17.5	12.5	20	1.796	1.08544	0.80413	3000.03
5385	22.5	5	0.10836	30	10	12.5	12.5	1.5567	1.08578	0.76101	3000.03
5386	35	12.5	0.10836	10	2.5	10	2.5	5.16008	0.87659	0.4251	3000.03
5387	22.5	5	0.33341	42.5	22.5	7.5	15	1.68029	1.0208	0.81243	3000.03
5388	20	2.5	0.10836	55	7.5	5	10	2.07621	1.03281	0.74621	3000.03
5389	50	25	0.01087	10	2.5	5	17.5	5.2501	0.86709	0.31896	3000.03
5390	20	2.5	0.33341	15	10	27.5	20	1.68336	1.02341	0.8348	3000.03
5391	20	2.5	0.33341	15	10	27.5	20	1.68336	1.02341	0.8348	3000.03
5392	20	2.5	0.33341	15	10	27.5	20	1.68336	1.02341	0.8348	3000.03
5393	25	7.5	0.10836	0	0	22.5	32.5	1.92045	1.04126	0.76847	3000.03
5394	25	7.5	0.10836	0	0	25	22.5	1.92045	1.04126	0.76847	3000.03
5395	27.5	5	0.33341	30	5	22.5	20	1.79532	1.05184	0.78103	3000.03
5396	27.5	2.5	0.33343	45	5	15	7.5	1.73028	1.03542	0.82846	3000.03
5397	45	25	0.03331	5	2.5	2.5	7.5	4.66447	0.88325	0.40844	3000.03
5398	42.5	20	0.03334	7.5	0	5	6	5.86809	0.86066	0.35124	3000.03
5399	25	5	0.10836	0	0	10	30	2.09046	1.05069	0.8545	3000.03
5400	25	5	0.10836	0	0	10	30	2.09046	1.05069	0.8545	3000.03
5401	25	5	0.10836	0	0	10	30	2.09046	1.05069	0.8545	3000.03
5402	25	2.5	0.10836	52.5	7.5	10	12.5	2.04503	0.99988	0.80627	3000.03
5403	25	7.5	0.33341	37.5	5	22.5	15	2.04329	0.99337	0.7401	3000.03
5404	20	5	0.10836	10	2.5	22.5	30	2.34372	1.01127	0.79866	3000.03
5405	20	5	0.10836	10	2.5	22.5	30	2.34372	1.01127	0.79866	3000.03
5406	20	5	0.10836	10	2.5	12.5	27.5	2.34372	1.01127	0.79866	3000.03
5407	20	5	0.33341	5	5	10	42.5	2.25641	1.00427	0.74092	3000.03
5408	42.5	17.5	0.03334	0	0	10	10	5.183	0.85151	0.31971	3000.03
5409	42.5	17.5	0.03334	0	0	10	10	5.183	0.85151	0.31971	3000.03
5410	45	22.5	0.01084	0	0	2.5	7.5	5.183	0.85151	0.31971	3000.03
5411	45	22.5	0.01084	0	0	5	7.5	5.183	0.85151	0.31971	3000.03
5412	45	22.5	0.01084	0	0	5	7.5	5.183	0.85151	0.31971	3000.03
5413	45	22.5	0.01084	0	0	5	7.5	5.183	0.85151	0.31971	3000.03
5414	15	2	0.33341	2.5	0	12.5	22.5	1.51435	1.07215	0.77019	3000.03
5415	20	5	0.33341	5	2.5	20	10	1.42178	1.03211	0.77679	3000.03
5416	20	5	0.10836	0	2.5	5	22.5	1.94903	1.03779	0.75338	3000.03
5417	20	5	0.33341	2.5	0	27.5	35	1.55402	1.03168	0.79339	3000.03
5418	25	5	0.33341	5	2.5	20	32.5	1.9532	0.98626	0.69501	3000.03
5419	25	2.5	0.33343	2.5	0	22.5	32.5	2.51077	1.0174	1.03249	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5420	32.5	2.5	0.10836	0	2.5	10	12.5	2.51077	1.0174	1.03249	3000.03
5421	20	5	0.33341	60	5	5	15	2.20321	1.06769	0.82159	3000.03
5422	13	5	0.33071	0	2.5	7.5	35	2.20321	1.06769	0.82159	3000.03
5423	22.5	7	0.33341	12.5	2.5	15	30	1.92894	0.98633	0.70097	3000.03
5424	22.5	5	0.33071	45	10	5	15	2.37222	1.12803	0.75558	3000.03
5425	22.5	5	0.33071	45	10	5	15	2.37222	1.12803	0.75558	3000.03
5426	20	5	0.33341	75	5	7.5	5	2.37222	1.12803	0.75558	3000.03
5427	25	5	0.33341	0	0	22.5	30	1.30166	1.06094	0.76508	3000.03
5428	20	2.5	0.91688	25	22.5	7.5	25	2.33925	1.02406	0.7509	3000.03
5429	20	2.5	0.91688	25	22.5	7.5	25	2.33925	1.02406	0.7509	3000.03
5430	50	30	0.03334	0	0	2.5	2.5	5.75146	0.86397	0.35901	3000.03
5431	50	30	0.03334	0	0	2.5	2.5	5.75146	0.86397	0.35901	3000.03
5432	50	30	0.03543	0	0	2.5	2.5	5.75146	0.86397	0.35901	3000.03
5433	35	15	0.03334	0	0	7.5	7.5	4.76507	0.87757	0.43349	3000.03
5434	22.5	2.5	0.10836	2.5	0	20	25	2.16341	0.99454	0.73331	3000.03
5435	22.5	2.5	0.10836	2.5	0	20	25	2.16341	0.99454	0.73331	3000.03
5436	22.5	2.5	0.10836	2.5	0	20	25	2.16341	0.99454	0.73331	3000.03
5437	22.5	2.5	0.10836	2.5	0	20	25	2.16341	0.99454	0.73331	3000.03
5438	22.5	2.5	0.10836	2.5	0	20	25	2.16341	0.99454	0.73331	3000.03
5439	22.5	2.5	0.33341	27.5	10	27.5	10	1.81462	1.02187	0.7559	3000.03
5440	20	2.5	0.33341	32.5	5	22.5	17.5	1.81462	1.02187	0.7559	3000.03
5441	20	2.5	0.33341	32.5	5	22.5	17.5	1.81462	1.02187	0.7559	3000.03
5442	22.5	2.5	0.33341	37.5	0	12.5	22.5	1.7655	1.07432	0.83259	3000.03
5443	22.5	2.5	0.10836	2.5	0	10	45	2.16808	1.01589	0.74945	3000.03
5444	27.5	7.5	0.33343	2.5	0	27.5	30	2.16808	1.01589	0.74945	3000.03
5445	37.5	17.5	0.10836	0	0	10	15	5.19851	0.90853	0.38307	3000.03
5446	47.5	25	0.0025	10	5	5	7.5	4.87612	0.85507	0.33854	3000.03
5447	47.5	25	0.0025	10	5	5	7.5	4.87612	0.85507	0.33854	3000.03
5448	47.5	25	0.0025	10	5	5	7.5	4.87612	0.85507	0.33854	3000.03
5449	40	20	0.01084	0	0	2.5	17.5	5.59733	0.86558	0.3547	3000.03
5450	25	2.5	0.33341	40	25	12.5	7.5	1.72299	1.11245	0.771	3000.03
5451	26.5	8	0.10836	1	0	4	37.5	2.2687	1.03489	0.86385	3000.03
5452	26.5	8	0.10836	1	0	4	37.5	2.2687	1.03489	0.86385	3000.03
5453	26.5	8	0.10836	1	0	4	37.5	2.2687	1.03489	0.86385	3000.03
5454	26.5	8	0.10836	1	0	4	37.5	2.2687	1.03489	0.86385	3000.03
5455	20	2.5	0.33341	0	0	20	37.5	2.2687	1.03489	0.86385	3000.03
5456	20	2.5	0.33341	22.5	7.5	25	22.5	2.13049	1.01668	0.79808	3000.03
5457	20	2.5	0.33341	5	7.5	20	35	1.80224	1.083	0.81451	3000.03
5458	22.5	2.5	0.33341	12.5	0	30	27.5	1.80224	1.083	0.81451	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5459	22.5	2.5	0.33341	12.5	0	30	27.5	1.80224	1.083	0.81451	3000.03
5460	40	17.5	0.02751	2.5	5	0	7.5	4.78242	0.92746	0.39896	3000.03
5461	20	3	0.33341	0	2.5	2.5	73.5	1.2949	1.06382	0.83171	3000.03
5462	20	3	0.33341	0	2.5	2.5	73.5	1.2949	1.06382	0.83171	3000.03
5463	20	3	0.33341	0	2.5	2.5	73.5	1.2949	1.06382	0.83171	3000.03
5464	17.5	3.5	0.10836	0	0	22.5	30	2.24663	1.03169	0.7285	3000.03
5465	20	7.5	0.33341	2.5	2.5	12.5	45	1.96298	1.03896	0.75284	3000.03
5466	21	5.5	0.33341	5	0	8.5	46.5	1.96298	1.03896	0.75284	3000.03
5467	21	5.5	0.33341	5	0	8.5	46.5	1.96298	1.03896	0.75284	3000.03
5468	25	5	0.33341	5	0	25	27.5	1.96298	1.03896	0.75284	3000.03
5469	20	3.5	0.33341	2.5	2.5	25	27.5	1.96298	1.03896	0.75284	3000.03
5470	17.5	2	0.27506	20	5	12.5	15	2.0655	1.00662	0.79984	3000.03
5471	17.5	2	0.27506	20	5	12.5	15	2.0655	1.00662	0.79984	3000.03
5472	17.5	2	0.27506	20	5	12.5	15	2.0655	1.00662	0.79984	3000.03
5473	40	20	0.01084	12.5	2.5	2.5	5	5.75354	0.86263	0.33078	3000.03
5474	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5475	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5476	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5477	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5478	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5479	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5480	37.5	15	0.03334	20	5	15	5	5.11899	0.88281	0.38834	3000.03
5481	20	2.5	0.33343	22.5	10	20	15	1.52721	1.09528	0.76185	3000.03
5482	25	5	0.10836	30	2.5	12.5	22.5	1.65693	1.02158	0.75892	3000.03
5483	25	5	0.10836	0	0	10	35	1.99952	1.03527	0.83869	3000.03
5484	25	5	0.10836	0	0	10	35	1.99952	1.03527	0.83869	3000.03
5485	20	2.5	0.33341	52.5	5	7.5	12.5	1.60352	1.03923	0.87027	3000.03
5486	42.5	22.5	0.03334	7.5	2.5	2.5	10	5.60301	0.88858	0.35105	3000.03
5487	42.5	22.5	0.03334	7.5	2.5	2.5	10	5.60301	0.88858	0.35105	3000.03
5488	42.5	22.5	0.03334	7.5	2.5	2.5	10	5.60301	0.88858	0.35105	3000.03
5489	42.5	22.5	0.03334	7.5	2.5	2.5	10	5.60301	0.88858	0.35105	3000.03
5490	27.5	3.5	0.33341	2.5	5	12.5	37.5	2.01735	1.00703	0.7476	3000.03
5491	17.5	5	0.27506	2.5	2.5	20	35	2.13155	0.98157	0.72431	3000.03
5492	10	1.5	0.1063	0	0	10	42.5	2.52663	1.13237	0.71188	3000.03
5493	20	2.5	0.33341	45	5	20	15	2.19716	1.07035	0.81945	3000.03
5494	20	3.5	0.33341	7.5	2.5	25	30	1.82324	1.01491	0.77519	3000.03
5495	20	3.5	0.33341	7.5	2.5	25	30	1.82324	1.01491	0.77519	3000.03
5496	22.5	2.5	0.10836	2.5	0	10	45	1.97341	0.98861	0.72615	3000.03
5497	22.5	2.5	0.10836	2.5	0	10	45	1.97341	0.98861	0.72615	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5498	22.5	2.5	0.10836	2.5	0	10	45	1.97341	0.98861	0.72615	3000.03
5499	20	7.5	0.03334	2.5	2.5	25	20	1.77482	1.03244	0.76718	3000.03
5500	20	7.5	0.03334	2.5	2.5	25	20	1.77482	1.03244	0.76718	3000.03
5501	20	7.5	0.03334	2.5	2.5	25	20	1.77482	1.03244	0.76718	3000.03
5502	20	3	0.33341	1	1.5	7.5	30	1.65526	1.02802	0.86417	3000.03
5503	20	2.5	0.33341	42.5	17.5	15	10	2.77235	1.14948	0.79711	3000.03
5504	22.5	3.5	0.27506	0	2.5	2.5	52.5	1.66536	1.0249	0.80602	3000.03
5505	17.5	2.5	0.10836	7.5	2.5	12.5	27.5	1.85716	1.02151	0.78593	3000.03
5506	25	5	0.10836	0	0	10	30	2.12096	1.10665	0.82053	3000.03
5507	22.5	2.5	0.33341	12.5	0	25	25	1.90676	1.01865	0.80804	3000.03
5508	20	2.5	0.33341	22.5	10	15	22.5	1.38235	1.04994	0.77146	3000.03
5509	20	3.5	0.33341	2.5	5	7.5	52.5	1.78804	1.00751	0.74229	3000.03
5510	27.5	2.5	0.1063	2.5	0	0	15	2.14618	1.05127	0.87155	3000.03
5511	27.5	2.5	0.10836	2.5	0	0	15	2.14618	1.05127	0.87155	3000.03
5512	27.5	2.5	0.10836	2.5	0	0	15	2.14618	1.05127	0.87155	3000.03
5513	25	5	0.33341	72.5	5	7.5	5	2.08254	1.00046	0.74938	3000.03
5514	25	5	0.33341	72.5	5	7.5	5	2.08254	1.00046	0.74938	3000.03
5515	25	5	0.33341	72.5	5	7.5	5	2.08254	1.00046	0.74938	3000.03
5516	25	5	0.33341	72.5	5	7.5	5	2.08254	1.00046	0.74938	3000.03
5517	25	5	0.33341	72.5	5	7.5	5	2.08254	1.00046	0.74938	3000.03
5518	17.5	2.5	1.08358	27.5	10	37.5	5	1.97164	0.97963	0.67782	3000.03
5519	17.5	2.5	1.08358	27.5	10	37.5	5	1.97164	0.97963	0.67782	3000.03
5520	25	2.5	0.33341	2.5	2.5	32.5	20	1.38758	1.0545	0.73043	3000.03
5521	22.5	5	0.27506	2.5	5	10	27.5	2.07814	1.02543	0.71367	3000.03
5522	41	20	0.08585	0	2.5	2.5	10	4.84453	0.8663	0.33534	3000.03
5523	41	20	0.08585	0	2.5	2.5	10	4.84453	0.8663	0.33534	3000.03
5524	60	35	0.01084	0	2.5	2.5	2.5	4.84453	0.8663	0.33534	3000.03
5525	45	25	0.01084	0	2.5	0	5	4.84453	0.8663	0.33534	3000.03
5526	17.5	2.5	0.10836	2.5	2.5	20	30	1.97386	1.19805	0.86869	3000.03
5527	22	6	0.10836	10	0	6	36.5	2.05291	0.98403	0.70665	3000.03
5528	35	20	0.03334	2.5	5	2.5	5	4.90485	0.88109	0.41684	3000.03
5529	35	20	0.03334	2.5	5	2.5	5	4.90485	0.88109	0.41684	3000.03
5530	50	30	0.01084	35	7.5	5	5	5.22051	0.84841	0.29649	3000.03
5531	21.5	3.5	0.33341	0	0	22.5	30	2.78459	1.2555	0.49361	3000.03
5532	17.5	2.5	0.33341	2.5	2.5	12.5	52.5	1.93593	0.96657	0.66977	3000.03
5533	17.5	2.5	0.33341	2.5	2.5	12.5	52.5	1.93593	0.96657	0.66977	3000.03
5534	17.5	2.5	0.33341	2.5	2.5	12.5	52.5	1.93593	0.96657	0.66977	3000.03
5535	47.5	25.5	0.03334	5	0	2.5	8.5	5.19213	0.85222	0.32012	3000.03
5536	47.5	25.5	0.03334	5	0	2.5	8.5	5.19213	0.85222	0.32012	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5537	20	2.5	0.33071	30	5	17.5	20	2.13069	1.0286	0.71656	3000.03
5538	25	2.5	0.33343	7.5	5	30	25	1.97387	0.99466	0.67132	3000.03
5539	26.5	5	0.27506	0	7.5	12.5	40	1.38791	1.04042	0.77197	3000.03
5540	22.5	2.5	0.33341	40	7.5	12.5	17.5	2.17949	1.12649	0.71494	3000.03
5541	37.5	17.5	0.10836	0	0	0	2.5	4.49245	0.95437	0.44004	3000.03
5542	37.5	17.5	0.10836	0	0	0	2.5	4.49245	0.95437	0.44004	3000.03
5543	22.5	5	0.33341	2.5	0	30	30	1.92937	0.97831	0.71788	3000.03
5544	20	2.5	0.10836	32.5	5	15	7.5	2.06569	0.99795	0.75359	3000.03
5545	25	5	0.33341	0	5	20	37.5	2.10205	0.99574	0.73689	3000.03
5546	25	5	0.33341	0	5	20	37.5	2.10205	0.99574	0.73689	3000.03
5547	25	5	0.33341	0	5	20	37.5	2.10205	0.99574	0.73689	3000.03
5548	20	2.5	0.10836	40	10	12.5	15	1.63523	1.05525	0.75963	3000.03
5549	17.5	1.5	0.10836	2.5	0	0	5	1.80138	0.99856	0.73614	3000.03
5550	25	5	0.33341	30	5	5	20	2.18655	1.04095	0.67673	3000.03
5551	37.5	12.5	0.10836	22.5	10	5	12.5	5.14261	0.86613	0.38661	3000.03
5552	22.5	2.5	0.33341	0	0	22.5	32.5	2.06013	1.00308	0.71217	3000.03
5553	17.5	2	0.27506	27.5	7.5	12.5	10	1.1231	1.06869	0.74167	3000.03
5554	17.5	2	0.27506	27.5	7.5	12.5	10	1.1231	1.06869	0.74167	3000.03
5555	37.5	15	0.03334	70	5	5	5	5.28039	0.8948	0.40488	3000.03
5556	20	3.5	0.33341	2.5	5	20	37.5	2.20599	1.03154	0.85469	3000.03
5557	20.5	4	0.85853	15	10	15	30	1.02841	1.07853	0.79852	3000.03
5558	20.5	4	0.85853	15	10	15	30	1.02841	1.07853	0.79852	3000.03
5559	20.5	4	0.85853	15	10	15	30	1.02841	1.07853	0.79852	3000.03
5560	20.5	4	0.85853	15	10	15	30	1.02841	1.07853	0.79852	3000.03
5561	20	2.5	0.33341	50	10	12.5	12.5	1.63789	1.02607	0.75124	3000.03
5562	20	2.5	0.33341	50	10	12.5	12.5	1.63789	1.02607	0.75124	3000.03
5563	20	2.5	0.33341	0	5	2.5	50	1.76349	1.02362	0.74179	3000.03
5564	20	2.5	0.33341	0	5	2.5	50	1.76349	1.02362	0.74179	3000.03
5565	20	2.5	0.10836	17.5	12.5	7.5	12.5	0.83843	1.12087	0.77433	3000.03
5566	27.5	3.5	0.33341	2.5	5	12.5	37.5	2.07041	1.00726	0.77335	3000.03
5567	25	7.5	0.33341	37.5	5	10	25	1.79076	1.03174	0.75172	3000.03
5568	25	7.5	0.33341	37.5	5	10	25	1.79076	1.03174	0.75172	3000.03
5569	25	5	0.33341	25	5	25	17.5	1.99471	1.00174	0.7463	3000.03
5570	32.5	12.5	0.10836	7.5	2.5	20	5	3.80725	1.19753	0.41627	3000.03
5571	41	18	0.03334	0	0	0	5	4.68029	0.89223	0.42541	3000.03
5572	41	18	0.03334	0	0	0	5	4.68029	0.89223	0.42541	3000.03
5573	41	18	0.03334	0	0	0	5	4.68029	0.89223	0.42541	3000.03
5574	41	18	0.03334	0	0	0	5	4.68029	0.89223	0.42541	3000.03
5575	20	5	0.10836	55	7.5	5	15	1.92151	1.16106	0.79557	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5576	45	20	0.01084	0	0	2.5	7.5	5.10137	0.84882	0.31448	3000.03
5577	22.5	5	0.33341	5	7.5	15	35	2.27214	1.08856	0.77936	3000.03
5578	25	5	0.33341	2.5	2.5	20	35	2.27214	1.08856	0.77936	3000.03
5579	25	5	0.33341	2.5	2.5	20	35	2.27214	1.08856	0.77936	3000.03
5580	25	5	0.33341	2.5	2.5	20	35	2.27214	1.08856	0.77936	3000.03
5581	22.5	2.5	0.33341	0	0	15	45	1.95427	1.01692	0.75586	3000.03
5582	30	10	0.03334	0	0	12.5	45	0.69388	1.11337	0.7621	3000.03
5583	20	2.5	0.33341	12.5	0	35	17.5	2.18498	1.02701	0.87836	3000.03
5584	20	2.5	0.33341	12.5	0	35	17.5	2.18498	1.02701	0.87836	3000.03
5585	22.5	2.5	0.33341	7.5	0	12.5	35	2.18498	1.02701	0.87836	3000.03
5586	22.5	2.5	0.33341	7.5	0	12.5	35	2.18498	1.02701	0.87836	3000.03
5587	22.5	3.5	0.27506	2.5	0	12.5	50	2.16864	1.051	0.73064	3000.03
5588	22.5	3.5	0.27506	2.5	0	12.5	50	2.16864	1.051	0.73064	3000.03
5589	22.5	3.5	0.27506	2.5	0	12.5	50	2.16864	1.051	0.73064	3000.03
5590	38.5	21	0.03334	10	0	5	10	4.76411	0.90784	0.39189	3000.03
5591	20	3.5	0.33341	10	2.5	5	25	2.15469	1.05077	0.69193	3000.03
5592	22.5	3.5	0.33341	5	3.5	26.5	30	2.15469	1.05077	0.69193	3000.03
5593	22.5	3.5	0.33341	5	3.5	26.5	30	2.15469	1.05077	0.69193	3000.03
5594	20	5	0.33341	10	2.5	30	22.5	1.86872	1.05488	0.73714	3000.03
5595	20	5	0.33341	10	2.5	30	22.5	1.86872	1.05488	0.73714	3000.03
5596	22.5	2.5	0.33341	10	0	2.5	55	1.46818	1.03803	0.74331	3000.03
5597	25	2.5	0.33341	32.5	5	12.5	17.5	1.44746	1.05367	0.802	3000.03
5598	22.5	3.5	0.91688	30	7.5	5	20	1.78214	1.11823	0.75741	3000.03
5599	22.5	3.5	0.91688	30	7.5	5	20	1.78214	1.11823	0.75741	3000.03
5600	50	25	0.0025	2.5	2.5	0	12.5	5.48278	0.87922	0.35304	3000.03
5601	17.5	2.5	0.33071	55	7.5	12.5	12.5	2.02784	1.00204	0.76858	3000.03
5602	20	5	0.10836	32.5	5	10	15	1.70967	1.05184	0.8077	3000.03
5603	20	5	0.33341	32.5	5	17.5	15	1.70967	1.05184	0.8077	3000.03
5604	20	5	0.33341	32.5	5	17.5	15	1.70967	1.05184	0.8077	3000.03
5605	20	2.5	0.33343	2.5	2.5	25	32.5	1.81253	1.02345	0.73149	3000.03
5606	22.5	3.5	0.10836	0	0	0	42	1.25733	1.10986	0.70852	3000.03
5607	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5608	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5609	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5610	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5611	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5612	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5613	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5614	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5615	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5616	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5617	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5618	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5619	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5620	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5621	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5622	17.5	2.5	0.33341	0	7.5	15	39	2.40201	1.0015	0.88929	3000.03
5623	19.5	2	1.08358	0	1	4	72.5	1.43313	1.15306	0.74781	3000.03
5624	47.5	25	0.01084	0	0	2.5	5	4.88334	0.88562	0.36124	3000.03
5625	57.5	32.5	0.03334	0	0	2.5	2.5	4.88334	0.88562	0.36124	3000.03
5626	57.5	32.5	0.03334	0	0	2.5	2.5	4.88334	0.88562	0.36124	3000.03
5627	57.5	30	0.03543	0	0	0	2.5	4.88334	0.88562	0.36124	3000.03
5628	20	2.5	0.33343	2.5	2.5	30	30	1.81721	1.02215	0.76635	3000.03
5629	25	5	0.33341	2.5	2.5	42.5	20	1.81721	1.02215	0.76635	3000.03
5630	20	2.5	0.33343	2.5	2.5	30	30	1.81721	1.02215	0.76635	3000.03
5631	22.5	2.5	0.10836	30	5	17.5	17.5	1.81685	1.0247	0.71822	3000.03
5632	15	2.5	0.33341	42.5	2.5	20	12.5	1.81685	1.0247	0.71822	3000.03
5633	22.5	2.5	0.33341	47.5	12.5	10	12.5	1.90631	0.98515	0.66834	3000.03
5634	22.5	2.5	0.33341	47.5	12.5	10	12.5	1.90631	0.98515	0.66834	3000.03
5635	22.5	2.5	0.33341	47.5	12.5	10	12.5	1.90631	0.98515	0.66834	3000.03
5636	20	2.5	0.33341	37.5	0	15	25	1.90631	0.98515	0.66834	3000.03
5637	32.5	12.5	0.10836	30	5	5	12.5	4.74363	0.87371	0.41784	3000.03
5638	50	27.5	0.1063	5	0	2.5	12.5	4.97078	0.85945	0.33727	3000.03
5639	25	5	0.33341	27.5	7.5	15	12.5	1.51581	1.07312	0.72278	3000.03
5640	25	5	0.33341	27.5	7.5	15	12.5	1.51581	1.07312	0.72278	3000.03
5641	17.5	2	0.33341	0	2.5	25	42.5	2.09509	0.99399	0.69297	3000.03
5642	22.5	2.5	0.33341	0	0	22.5	30	1.58178	1.14409	0.71827	3000.03
5643	20	5	0.33341	0	0	27.5	30	1.58178	1.14409	0.71827	3000.03
5644	20	5	0.33341	0	0	27.5	30	1.58178	1.14409	0.71827	3000.03
5645	25	3.5	0.33341	5	5	14	36	1.90511	1.04	0.74362	3000.03
5646	42.5	20	0.01084	0	0	5	12.5	4.76743	0.95232	0.40447	3000.03
5647	42.5	25	0.10836	10	0	2.5	7.5	5.2056	0.87695	0.36905	3000.03
5648	22.5	2.5	0.10836	7.5	5	20	27.5	1.79321	1.02333	0.7306	3000.03
5649	45	20	0.01084	10	2.5	10	15	4.72478	0.90351	0.39591	3000.03
5650	47.5	25	0.01084	0	0	12.5	10	4.99376	0.86394	0.2924	3000.03
5651	18.5	1.5	0.10836	1	0	0	50	2.18529	1.02477	0.84533	3000.03
5652	18.5	1.5	0.10836	1	0	0	50	2.18529	1.02477	0.84533	3000.03
5653	40	17.5	0.03543	57.5	5	0	5	4.24679	0.90472	0.4238	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5654	40	17.5	0.03543	57.5	5	0	5	4.24679	0.90472	0.4238	3000.03
5655	40	17.5	0.03543	57.5	5	0	5	4.24679	0.90472	0.4238	3000.03
5656	40	17.5	0.03543	57.5	5	0	5	4.24679	0.90472	0.4238	3000.03
5657	25	5	0.33341	45	7.5	15	15	1.90717	1.11229	0.74834	3000.03
5658	25	2.5	0.33341	2.5	5	15	32.5	2.14044	1.0186	1.0149	3000.03
5659	20.5	3.5	0.33341	2.5	0	10	42.5	1.77646	1.01587	0.7288	3000.03
5660	35	12.5	0.03334	2.5	2.5	2.5	7.5	5.05122	0.90487	0.41774	3000.03
5661	35	12.5	0.03334	2.5	2.5	2.5	7.5	5.05122	0.90487	0.41774	3000.03
5662	41	19.5	0.09169	0	0	7.5	22.5	4.97157	0.88976	0.36641	3000.03
5663	20	2.5	0.33071	20	7.5	27.5	20	1.8261	1.04236	0.78447	3000.03
5664	52.5	25	0.02751	0	2.5	2.5	5	5.25497	0.9013	0.36028	3000.03
5665	25	7.5	0.10836	0	2.5	5	27.5	1.27278	1.08338	0.74613	3000.03
5666	25	2.5	1.08358	10	10	45	15	2.23723	1.16413	0.75298	3000.03
5667	22.5	2.5	0.33341	12.5	0	25	27.5	1.97489	0.98266	0.755	3000.03
5668	20	1.5	0.33341	15	3.5	21.5	40	1.24401	1.0862	0.85633	3000.03
5669	25	5	0.27506	57.5	10	7.5	5	1.92597	1.01491	0.75093	3000.03
5670	25	5	0.27506	57.5	10	7.5	5	1.92597	1.01491	0.75093	3000.03
5671	25	5	0.27506	57.5	10	7.5	5	1.92597	1.01491	0.75093	3000.03
5672	20	3.5	0.03334	2.5	0	20	17.5	2.23197	1.03449	0.70342	3000.03
5673	20	3.5	0.03334	2.5	0	20	17.5	2.23197	1.03449	0.70342	3000.03
5674	20	3.5	0.03334	2.5	0	20	17.5	2.23197	1.03449	0.70342	3000.03
5675	20	3.5	0.03334	2.5	0	20	17.5	2.23197	1.03449	0.70342	3000.03
5676	20	3.5	0.03334	2.5	0	20	17.5	2.23197	1.03449	0.70342	3000.03
5677	20	7.5	0.33341	2.5	2.5	17.5	25	1.4401	1.06032	0.69914	3000.03
5678	20	7.5	0.33341	2.5	2.5	17.5	25	1.4401	1.06032	0.69914	3000.03
5679	20	7.5	0.33341	2.5	2.5	17.5	25	1.4401	1.06032	0.69914	3000.03
5680	20	7.5	0.33341	2.5	2.5	17.5	25	1.4401	1.06032	0.69914	3000.03
5681	40	17.5	0.10836	2.5	2.5	5	17.5	5.74318	0.8831	0.34201	3000.03
5682	22.5	5	0.33341	5	0	17.5	32.5	1.79459	1.03964	0.73056	3000.03
5683	20	8.5	0.10836	0	0	12.5	25	1.90603	1.01762	0.52548	3000.03
5684	23.5	6	0.33341	0	0	12.5	65	1.90603	1.01762	0.52548	3000.03
5685	20	2	0.27506	12.5	5	15	12.5	1.27545	1.0359	0.7253	3000.03
5686	20	2	0.27506	12.5	5	15	12.5	1.27545	1.0359	0.7253	3000.03
5687	20	2.5	0.33341	47.5	15	7.5	10	2.60387	1.16431	0.87647	3000.03
5688	47.5	25	0.0025	30	5	5	7.5	4.45989	0.89001	0.30936	3000.03
5689	22.5	7.5	0.33341	22.5	7.5	25	20	1.97571	1.04054	0.84917	3000.03
5690	20	2.5	0.33071	20	7.5	27.5	20	1.97571	1.04054	0.84917	3000.03
5691	25	2.5	0.33341	12.5	0	22.5	22.5	1.45476	1.06588	0.72766	3000.03
5692	22.5	5	0.33341	12.5	0	27.5	25	1.45476	1.06588	0.72766	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5693	27.5	2.5	0.33343	10	2.5	17.5	17.5	1.45476	1.06588	0.72766	3000.03
5694	27.5	7.5	0.33331	37.5	5	10	20	1.86121	1.02016	0.73522	3000.03
5695	17.5	2.5	0.10836	10	2.5	10	22.5	2.40463	1.14166	0.72737	3000.03
5696	17.5	2.5	0.10836	10	2.5	10	22.5	2.40463	1.14166	0.72737	3000.03
5697	20	2.5	0.33341	75	5	5	7.5	2.41674	1.04769	0.78589	3000.03
5698	20	2.5	0.33341	75	5	5	7.5	2.41674	1.04769	0.78589	3000.03
5699	22.5	2.5	1.08358	2.5	2.5	25	35	1.74406	1.08218	0.79254	3000.03
5700	22.5	2.5	1.08358	2.5	2.5	25	35	1.74406	1.08218	0.79254	3000.03
5701	22.5	2.5	1.08358	2.5	2.5	25	35	1.74406	1.08218	0.79254	3000.03
5702	20	5	0.33341	2.5	0	22.5	35	2.10793	1.03523	0.65546	3000.03
5703	25	6.5	0.27506	0	2.5	20	25	1.59266	1.10411	0.7464	3000.03
5704	27.5	9.5	0.10836	20	12.5	12.5	22.5	2.08264	1.14948	0.694	3000.03
5705	20.5	3.5	0.33341	1	0	2	52	2.15642	1.02992	0.72122	3000.03
5706	20.5	3.5	0.33341	0	1	2	46.5	2.15642	1.02992	0.72122	3000.03
5707	20	5	0.33343	2.5	2.5	12.5	17.5	1.85183	1.01651	0.72978	3000.03
5708	17.5	2.5	0.10836	0	5	20	35	1.85183	1.01651	0.72978	3000.03
5709	20	2.5	1.08358	2.5	2.5	32.5	30	1.85183	1.01651	0.72978	3000.03
5710	20	2.5	1.08358	2.5	2.5	32.5	30	1.85183	1.01651	0.72978	3000.03
5711	22.5	2.5	0.10836	27.5	10	17.5	12.5	2.18586	1.03746	0.66697	3000.03
5712	22.5	2.5	0.10836	27.5	10	17.5	12.5	2.18586	1.03746	0.66697	3000.03
5713	22.5	2.5	0.10836	27.5	10	17.5	12.5	2.18586	1.03746	0.66697	3000.03
5714	20	2.5	0.10836	30	5	15	17.5	2.0182	1.19426	0.75566	3000.03
5715	20	2.5	0.10836	30	5	15	17.5	2.0182	1.19426	0.75566	3000.03
5716	22.5	5	1.08358	60	5	12.5	7.5	2.17311	1.08324	0.71951	3000.03
5717	22.5	5	0.33341	2.5	2.5	10	40	2.17311	1.08324	0.71951	3000.03
5718	22.5	2.5	0.33341	32.5	5	12.5	20	2.17661	1.04215	0.67326	3000.03
5719	22.5	2.5	0.33341	2.5	2.5	30	35	1.87257	1.02074	0.73435	3000.03
5720	22.5	2.5	0.33341	2.5	2.5	30	35	1.87257	1.02074	0.73435	3000.03
5721	22.5	2.5	0.33341	2.5	2.5	30	35	1.87257	1.02074	0.73435	3000.03
5722	22.5	2.5	0.33341	2.5	2.5	30	35	1.87257	1.02074	0.73435	3000.03
5723	25	7.5	1.08358	62.5	7.5	7.5	7.5	2.02264	0.98928	0.69874	3000.03
5724	20	5	0.33341	45	12.5	10	15	1.66281	1.05974	0.87626	3000.03
5725	20.5	3.5	0.10836	0	1	4	47	2.02613	0.97814	0.67602	3000.03
5726	20.5	3.5	0.10836	0	1	4	47	2.02613	0.97814	0.67602	3000.03
5727	22.5	2.5	0.10836	2.5	0	7.5	15	1.9884	1.11995	0.68937	3000.03
5728	22.5	2.5	0.10836	0	2.5	7.5	20	1.9884	1.11995	0.68937	3000.03
5729	20	2.5	0.10836	20	12.5	17.5	25	1.71475	1.05579	0.77604	3000.03
5730	20	2.5	0.10836	20	12.5	17.5	25	1.71475	1.05579	0.77604	3000.03
5731	20	2.5	0.10836	20	12.5	17.5	25	1.71475	1.05579	0.77604	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5732	25	7.5	0.33341	0	0	22.5	32.5	1.80613	1.05616	0.72153	3000.03
5733	25	7.5	0.33341	0	0	22.5	32.5	1.80613	1.05616	0.72153	3000.03
5734	22.5	3.5	0.33341	0	0	7.5	55	1.80613	1.05616	0.72153	3000.03
5735	20	5	0.33341	20	10	20	20	1.74247	1.15557	0.68321	3000.03
5736	22.5	5	0.33341	0	2.5	17.5	34.5	1.82743	1.05599	0.78841	3000.03
5737	22.5	5	0.10836	20	7.5	10	12.5	1.19798	1.05203	0.74994	3000.03
5738	22.5	5	0.10836	20	7.5	10	12.5	1.19798	1.05203	0.74994	3000.03
5739	22.5	5	0.10836	20	7.5	10	12.5	1.19798	1.05203	0.74994	3000.03
5740	22.5	2.5	0.33341	47.5	10	10	12.5	1.10981	1.0647	0.74373	3000.03
5741	20	2	0.27506	30	5	10	15	1.3668	1.03561	0.72473	3000.03
5742	22.5	2.5	0.03334	2.5	2.5	10	30	1.81138	1.02324	0.76601	3000.03
5743	20	5	0.33341	5	2.5	5	50	2.04931	1.01706	0.78768	3000.03
5744	42.5	17.5	0.03334	30	10	5	10	4.7754	0.87102	0.42029	3000.03
5745	50	30	0.03334	0	0	2.5	7.5	5.09666	0.92082	0.37644	3000.03
5746	50	30	0.03334	0	0	2.5	7.5	5.09666	0.92082	0.37644	3000.03
5747	42.5	24	0.01084	0	0	2.5	11	5.65042	0.85059	0.34765	3000.03
5748	42.5	24	0.01084	0	0	2.5	11	5.65042	0.85059	0.34765	3000.03
5749	42.5	24	0.01084	0	0	2.5	11	5.65042	0.85059	0.34765	3000.03
5750	42.5	24	0.01084	0	0	2.5	11	5.65042	0.85059	0.34765	3000.03
5751	37.5	17.5	0.03334	0	0	15	7.5	4.00984	0.89502	0.42797	3000.03
5752	25	7.5	0.03334	30	10	5	12.5	1.86124	1.01458	0.72691	3000.03
5753	45	23	0.03334	0	0	2.5	17.5	4.91774	0.86734	0.29375	3000.03
5754	25	7.5	0.10836	0	0	2.5	32.5	1.59974	1.20328	0.70653	3000.03
5755	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5756	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5757	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5758	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5759	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5760	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5761	22.5	5	0.33341	2.5	2.5	20	30	1.79273	1.11058	0.77901	3000.03
5762	20	2.5	0.33341	22.5	10	25	17.5	1.60884	1.0254	0.79762	3000.03
5763	25	2.5	0.10836	52.5	7.5	10	12.5	1.97283	1.00266	0.76874	3000.03
5764	17.5	2	1.08358	5	0	10	52.5	1.68601	1.06703	0.78531	3000.03
5765	17.5	2	1.08358	5	0	10	52.5	1.68601	1.06703	0.78531	3000.03
5766	20	5	0.33343	65	5	13	7	1.60805	1.1412	0.68555	3000.03
5767	50	32.5	0.01084	2.5	2.5	5	20	4.38072	0.86432	0.31278	3000.03
5768	50	32.5	0.01084	2.5	2.5	5	20	4.38072	0.86432	0.31278	3000.03
5769	50	32.5	0.01084	2.5	2.5	5	20	4.38072	0.86432	0.31278	3000.03
5770	37.5	17.5	0.03334	0	0	12.5	15	4.94956	0.87206	0.37917	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5771	40	20	0.01084	0	0	5	2.5	4.94956	0.87206	0.37917	3000.03
5772	40	20	0.01084	0	0	5	2.5	4.94956	0.87206	0.37917	3000.03
5773	40	15	0.01084	2.5	2.5	5	20	5.47002	0.90808	0.34055	3000.03
5774	22.5	2.5	0.33343	27.5	5	17.5	25	2.52048	1.03404	0.80238	3000.03
5775	34.5	17	0.10836	1	4	2.5	10	5.24682	0.86067	0.42766	3000.03
5776	20	2.5	0.33071	30	5	15	20	2.23465	1.09706	0.80829	3000.03
5777	20	2.5	0.33071	30	5	15	20	2.23465	1.09706	0.80829	3000.03
5778	44	22	0.1063	5	5	5	5	4.20652	0.8844	0.41408	3000.03
5779	25	2.5	0.33341	50	5	17.5	10	0.96132	1.1019	0.73899	3000.03
5780	32.5	10	0.03334	10	12.5	12.5	15	5.74338	0.86597	0.34499	3000.03
5781	22.5	5	0.33341	2.5	2.5	0	57.5	2.04709	0.97535	0.68008	3000.03
5782	25	8.5	0.09169	5	2.5	22.5	25	4.1876	0.92935	0.41133	3000.03
5783	25	8.5	0.09169	5	2.5	22.5	25	4.1876	0.92935	0.41133	3000.03
5784	25	6	0.33341	5	5	27.5	25	1.65323	1.04021	0.77755	3000.03
5785	25	6	0.33341	5	5	27.5	25	1.65323	1.04021	0.77755	3000.03
5786	25	6	0.33341	5	5	27.5	25	1.65323	1.04021	0.77755	3000.03
5787	25	6	0.33341	5	5	27.5	25	1.65323	1.04021	0.77755	3000.03
5788	25	6	0.33341	5	5	27.5	25	1.65323	1.04021	0.77755	3000.03
5789	20	2.5	0.33341	7.5	5	15	25	1.8448	0.99889	0.69271	3000.03
5790	17.5	2.5	0.33341	7.5	5	19.5	28	1.66554	1.03264	0.79295	3000.03
5791	17.5	2.5	0.33341	7.5	5	19.5	28	1.66554	1.03264	0.79295	3000.03
5792	17.5	2.5	0.33341	7.5	5	19.5	28	1.66554	1.03264	0.79295	3000.03
5793	17.5	2.5	0.33341	7.5	5	19.5	28	1.66554	1.03264	0.79295	3000.03
5794	17.5	2.5	0.33341	70	5	10	5	2.02938	1.00687	0.82528	3000.03
5795	58	35	0.0025	0	0	2.5	10	4.96696	0.85628	0.30151	3000.03
5796	50	27.5	0.03543	0	0	0	2.5	4.96696	0.85628	0.30151	3000.03
5797	30	2.5	0.10836	0	2.5	7.5	17.5	1.6481	1.06958	0.76575	3000.03
5798	30	2.5	0.10836	0	2.5	7.5	17.5	1.6481	1.06958	0.76575	3000.03
5799	20	2.5	0.03334	0	2.5	20	27.5	1.6481	1.06958	0.76575	3000.03
5800	20	2.5	0.10836	2.5	5	7.5	27.5	1.99763	1.01328	0.76919	3000.03
5801	23	5	0.10836	5	7.5	2	28	1.94335	0.98409	0.71405	3000.03
5802	25	5	0.33341	0	0	15	32.5	1.56007	1.03952	0.7364	3000.03
5803	37.5	14	0.08585	0	0	2.5	5	1.56007	1.03952	0.7364	3000.03
5804	20	5	0.33343	30	10	10	20	1.36786	1.10443	0.7589	3000.03
5805	17.5	2.5	0.33341	2.5	7.5	32.5	25	2.1637	1.01733	0.88716	3000.03
5806	20	2.5	0.33341	12.5	0	17.5	32.5	2.1637	1.01733	0.88716	3000.03
5807	20	2.5	0.33341	12.5	0	17.5	32.5	2.1637	1.01733	0.88716	3000.03
5808	42.5	20	0.01084	2.5	2.5	7.5	15	4.84653	0.90454	0.35371	3000.03
5809	20	5	0.33341	2.5	2.5	20	40	1.7365	1.03999	0.73491	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5810	20	2.5	0.33341	32.5	5	17.5	20	1.90802	0.9827	0.70342	3000.03
5811	20	3.5	1.08358	5	2.5	22.5	40	2.28016	0.99865	0.86007	3000.03
5812	22.5	2.5	0.33341	47.5	10	10	12.5	2.02456	0.99187	0.67412	3000.03
5813	22.5	2.5	0.33341	47.5	10	10	12.5	2.02456	0.99187	0.67412	3000.03
5814	22.5	2.5	0.33341	47.5	10	10	12.5	2.02456	0.99187	0.67412	3000.03
5815	22.5	3.5	0.27506	0	0	17.5	40	2.02026	1.04403	0.70856	3000.03
5816	25	3	0.33341	2.5	2.5	5	42.5	1.96505	1.1118	0.75019	3000.03
5817	25	5	0.33341	0	2.5	35	30	1.96505	1.1118	0.75019	3000.03
5818	25	5	0.33341	0	2.5	35	30	1.96505	1.1118	0.75019	3000.03
5819	25	5	0.25839	7.5	2.5	15	30	1.53927	1.01333	0.7262	3000.03
5820	25	5	0.27506	7.5	2.5	17.5	15	1.53927	1.01333	0.7262	3000.03
5821	20	2.5	0.10836	70	10	7.5	2.5	2.05967	1.03229	0.82727	3000.03
5822	20	2.5	0.33341	7.5	5	5	40	2.05967	1.03229	0.82727	3000.03
5823	37.5	15	0.03334	27.5	7.5	10	5	4.14492	0.91153	0.40352	3000.03
5824	37.5	15	0.03334	27.5	7.5	10	5	4.14492	0.91153	0.40352	3000.03
5825	22.5	2.5	0.33341	2.5	2.5	20	32.5	2.316	1.01606	0.87038	3000.03
5826	17.5	2.5	0.33341	2.5	0	30	32.5	1.53764	1.19883	0.70584	3000.03
5827	22.5	2.5	0.33341	15	5	35	10	2.04645	1.04111	0.75501	3000.03
5828	35	22.5	0.03334	0	2.5	13	22	4.81208	0.86887	0.33582	3000.03
5829	35	22.5	0.03334	0	2.5	13	22	4.81208	0.86887	0.33582	3000.03
5830	22.5	2.5	0.33341	7.5	2.5	7.5	30	1.42759	1.05614	0.72528	3000.03
5831	52.5	23	0.03334	2.5	2.5	5	5	4.77186	0.90579	0.28883	3000.03
5832	52.5	23	0.03334	2.5	2.5	5	5	4.77186	0.90579	0.28883	3000.03
5833	22.5	2.5	0.33341	0	0	15	45	1.94573	1.07133	0.70377	3000.03
5834	37.5	12.5	0.10836	2.5	2.5	5	5	4.12061	0.87033	0.38941	3000.03
5835	20	3.5	0.10836	0	0	15.5	39.5	1.58418	1.02079	0.79824	3000.03
5836	20	3.5	0.10836	0	0	15.5	39.5	1.58418	1.02079	0.79824	3000.03
5837	20	2	0.33341	0	0	15	58.5	1.58418	1.02079	0.79824	3000.03
5838	17.5	2.5	0.33341	32.5	5	20	17.5	1.79575	1.0436	0.70182	3000.03
5839	42.5	25	0.01084	5	0	10	5	4.54035	0.90343	0.27286	3000.03
5840	50	25	0.01087	2.5	0	2.5	10	3.87663	0.89679	0.24574	3000.03
5841	20.5	5.5	0.10836	10	15	12.5	17.5	2.03458	1.04678	0.68365	3000.03
5842	42.5	27.5	0.01084	2.5	2.5	0	15	4.42406	0.90036	0.31601	3000.03
5843	22.5	2.5	0.33341	7.5	0	20	27.5	1.49078	1.07849	0.70302	3000.03
5844	25	5	0.33341	7.5	0	27.5	25	2.01913	1.04257	0.80136	3000.03
5845	25	5	0.33341	7.5	0	27.5	25	2.01913	1.04257	0.80136	3000.03
5846	25.5	7.5	0.10836	0	0	2.5	52	1.9162	1.29447	0.45889	3000.03
5847	25.5	7.5	0.10836	0	0	2.5	52	1.9162	1.29447	0.45889	3000.03
5848	21	3.5	0.33341	7.5	7.5	10	37.5	1.63732	1.01903	0.76725	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5849	25	5	0.10836	0	0	10	42.5	1.90956	1.12434	0.71306	3000.03
5850	25	5	0.10836	0	0	10	42.5	1.90956	1.12434	0.71306	3000.03
5851	25	5	0.10836	0	0	10	42.5	1.90956	1.12434	0.71306	3000.03
5852	20	2.5	0.33341	55	5	15	7.5	1.73618	1.01862	0.80775	3000.03
5853	17.5	2	0.27506	27.5	5	15	10	1.1225	1.07741	0.73805	3000.03
5854	22.5	2.5	0.33341	32.5	5	20	17.5	0.68835	1.11776	0.75256	3000.03
5855	20.5	3.5	0.33341	0	1	2	46.5	2.06271	1.00014	0.71878	3000.03
5856	25	5	0.33341	0	0	35	30	2.06271	1.00014	0.71878	3000.03
5857	25	7.5	0.33341	30	5	20	15	1.41604	1.03596	0.7182	3000.03
5858	20.5	3.5	0.33341	0	0	5	50	2.02454	1.00313	0.74002	3000.03
5859	25	2.5	0.27506	0	0	17.5	25	2.02454	1.00313	0.74002	3000.03
5860	12.5	3.5	0.33071	27.5	0	20	12.5	2.03433	0.99258	0.73654	3000.03
5861	22.5	5	0.27506	2.5	5	10	27.5	1.91905	1.01304	0.68132	3000.03
5862	20	3.5	0.27506	1	0	26.5	22.5	1.09668	1.0985	0.72408	3000.03
5863	22.5	5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5864	20.5	3.5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5865	21	4.5	0.33341	0	1	16	38	1.88619	0.97125	0.70323	3000.03
5866	21	4.5	0.33341	0	1	16	38	1.88619	0.97125	0.70323	3000.03
5867	21	4.5	0.33341	0	1	16	38	1.88619	0.97125	0.70323	3000.03
5868	20.5	3.5	0.27506	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5869	20.5	3.5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5870	20.5	3.5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5871	22.5	5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5872	19.5	3.5	1.08358	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5873	20.5	3.5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5874	20.5	3.5	0.33341	0	1	2	49	1.88619	0.97125	0.70323	3000.03
5875	21	4.5	0.33341	0	1	16	38	1.88619	0.97125	0.70323	3000.03
5876	20	2.5	0.10836	2.5	0	27.5	30	1.94992	1.02608	0.91985	3000.03
5877	22.5	2.5	0.33341	0	2.5	32.5	32.5	1.94992	1.02608	0.91985	3000.03
5878	27.5	7.5	0.33343	40	5	12.5	15	1.66247	1.04193	0.75731	3000.03
5879	42.5	22.5	0.03334	0	0	5	7.5	5.51711	0.8644	0.34054	3000.03
5880	42.5	22.5	0.03334	0	0	5	7.5	5.51711	0.8644	0.34054	3000.03
5881	42.5	22.5	0.03334	0	0	5	7.5	5.51711	0.8644	0.34054	3000.03
5882	52.5	30	0.01084	0	0	2.5	7.5	5.51711	0.8644	0.34054	3000.03
5883	52.5	30	0.01084	0	0	2.5	7.5	5.51711	0.8644	0.34054	3000.03
5884	20	1.5	1.08358	2.5	2.5	7.5	79	0.97635	1.17802	0.71395	3000.03
5885	21.5	3.5	0.10836	0	0	3	34	1.77639	1.00095	0.71847	3000.03
5886	20	2.5	0.33341	60	5	10	12.5	1.77639	1.00095	0.71847	3000.03
5887	22.5	2.5	0.10836	50	10	7.5	5	1.78686	1.11463	0.75359	3000.03

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5888	22.5	2.5	0.10836	50	10	7.5	5	1.78686	1.11463	0.75359	3000.03
5889	20	5.5	0.33341	0	2.5	17.5	20	2.42567	1.03233	0.76707	3000.03
5890	35	15	0.83602	2.5	0	20	22.5	3.72638	0.88334	0.42797	3000.03
5891	40	20	0.01084	0	0	2.5	5	4.79954	0.90517	0.3532	3000.03
5892	20	5	0.10836	7.5	7.5	22.5	27.5	1.79927	1.01092	0.71924	3000.03
5893	47.5	25	0.10836	0	0	5	0	3.99477	0.9057	0.41626	3000.03
5894	47.5	25	0.10836	0	0	5	0	3.99477	0.9057	0.41626	3000.03
5895	43.5	24	0.10836	5	0	2.5	17.5	5.01133	0.89212	0.38062	3000.03
5896	43.5	24	0.10836	5	0	2.5	17.5	5.01133	0.89212	0.38062	3000.03
5897	43.5	24	0.10836	5	0	2.5	17.5	5.01133	0.89212	0.38062	3000.03
5898	43.5	24	0.10836	5	0	2.5	17.5	5.01133	0.89212	0.38062	3000.03
5899	25	5	0.03334	0	0	10	25	1.70283	1.01841	0.72138	3000.03
5900	20.5	3.5	0.10836	0	1	2	49	2.07727	1.05553	0.67333	3000.03
5901	20.5	3.5	0.33341	0	1	2	46.5	2.07727	1.05553	0.67333	3000.03
5902	20.5	3.5	0.33341	0	1	2	46.5	2.07727	1.05553	0.67333	3000.03
5903	47.5	23.5	0.01084	0	0	1	6.5	1.8777	0.99683	0.71271	3000.03
5904	20	5	0.33341	10	7.5	22.5	25	1.96458	0.99763	0.75384	3000.03
5905	52.5	25	0.0261	5	2.5	15	0	4.6455	0.87653	0.32815	3000.04
5906	20	2.5	0.33341	20	5	25	20	1.73423	1.18168	0.69802	3000.04
5907	20	3.5	0.33341	12.5	15	12.5	17.5	1.97878	1.03435	0.77865	3000.04
5908	22.5	5	0.33341	22.5	5	15	15	1.71742	1.00928	0.70224	3000.04
5909	27.5	7.5	0.10836	10	4.5	13	20	1.27027	1.04494	0.73353	3000.04
5910	40	22.5	0.03334	0	0	2.5	15	4.54406	0.88563	0.41131	3000.04
5911	40	22.5	0.03334	0	0	2.5	15	4.54406	0.88563	0.41131	3000.04
5912	40	22.5	0.03334	0	0	2.5	15	4.54406	0.88563	0.41131	3000.04
5913	30	2.5	0.10836	2.5	2.5	5	15	1.53026	1.02999	0.70138	3000.04
5914	30	2.5	0.10836	2.5	2.5	5	15	1.53026	1.02999	0.70138	3000.04
5915	30	2.5	0.10836	2.5	2.5	5	15	1.53026	1.02999	0.70138	3000.04
5916	20	5	0.33071	5	5	25	35	1.6675	0.99748	0.67421	3000.04
5917	40	15	0.03334	60	5	5	5	3.89458	0.89343	0.42017	3000.04
5918	50	22.5	0.10836	0	0	2.5	5	4.17582	0.94596	0.40211	3000.04
5919	50	22.5	0.10836	0	0	2.5	5	4.17582	0.94596	0.40211	3000.04
5920	20	3	0.33341	0	2.5	2.5	73.5	1.18101	1.06423	0.75293	3000.04
5921	20	3	0.33341	0	2.5	2.5	73.5	1.18101	1.06423	0.75293	3000.04
5922	20	3	0.33341	0	2.5	2.5	73.5	1.18101	1.06423	0.75293	3000.04
5923	20	3	0.33341	0	2.5	2.5	73.5	1.18101	1.06423	0.75293	3000.04
5924	20.5	3.5	0.33341	0	2.5	2.5	47	2.00468	1.01776	0.69464	3000.04
5925	20.5	3.5	0.33341	0	2.5	2.5	47	2.00468	1.01776	0.69464	3000.04
5926	20.5	3.5	0.33341	0	2.5	2.5	47	2.00468	1.01776	0.69464	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5927	20.5	3.5	0.33341	0	2.5	2.5	47	2.00468	1.01776	0.69464	3000.04
5928	20.5	3.5	0.33341	0	2.5	2.5	47	2.00468	1.01776	0.69464	3000.04
5929	20.5	3.5	0.33341	0	2.5	2.5	47	2.00468	1.01776	0.69464	3000.04
5930	49.5	31	0.0025	0	0	5	10	4.50283	0.86257	0.33425	3000.04
5931	42.5	17.5	0.03334	5	0	5	10	4.25644	0.90658	0.38982	3000.04
5932	22.5	2.5	1.08358	62.5	0	12.5	7.5	1.66206	1.03098	0.74865	3000.04
5933	40	17.5	0.01087	5	2.5	5	10	4.38861	0.91556	0.38481	3000.04
5934	42.5	18	0.03334	2.5	0	2.5	7.5	5.44737	0.91622	0.47131	3000.04
5935	42.5	18	0.03334	2.5	0	2.5	7.5	5.44737	0.91622	0.47131	3000.04
5936	40	22.5	0.10836	0	2.5	0	7.5	2.88708	0.89142	0.43154	3000.04
5937	40	22.5	0.10836	0	2.5	0	7.5	2.88708	0.89142	0.43154	3000.04
5938	20	3.5	0.91688	17.5	20	30	12.5	1.92702	1.06195	0.69935	3000.04
5939	22.5	2.5	0.10836	47.5	10	7.5	12.5	1.71592	1.0865	0.79809	3000.04
5940	35	15	0.10836	2.5	5	2.5	5	4.15142	0.89331	0.42157	3000.04
5941	27.5	5	0.33341	0	0	22.5	32.5	1.65827	1.06497	0.69502	3000.04
5942	25	7.5	0.33341	0	0	35	30	1.65827	1.06497	0.69502	3000.04
5943	30	7	0.10836	0	7.5	2.5	7.5	1.36819	1.09523	0.74122	3000.04
5944	22.5	3.5	0.33341	0	2.5	20	32	1.95626	1.03727	0.71984	3000.04
5945	23	6.5	0.10836	0.5	0.5	7.5	36.5	1.89935	1.03813	0.68657	3000.04
5946	20	5	0.1063	2.5	5	12.5	20	1.96919	1.01934	0.84071	3000.04
5947	25	5	0.33341	2.5	2.5	20	40	1.96919	1.01934	0.84071	3000.04
5948	50	17.5	0.03334	25	5	5	10	4.54214	0.90108	0.38916	3000.04
5949	20	2.5	0.33341	25	5	7.5	32.5	1.99045	1.02471	0.76026	3000.04
5950	22.5	4	0.33341	5	2.5	15	24.5	1.11941	1.08542	0.69113	3000.04
5951	26.5	8	0.10836	2.5	2.5	7.5	30	1.879	1.01214	0.70905	3000.04
5952	42.5	20	0.01084	0	0	5	12.5	4.28054	0.87466	0.39464	3000.04
5953	10	2	0.33071	0	0	7.5	40	2.01311	1.00733	0.72708	3000.04
5954	21	4.5	0.10836	2.5	5	20	22.5	1.1173	1.09524	0.71662	3000.04
5955	19	4	0.10836	12.5	0	22.5	27.5	1.94741	1.00348	0.73191	3000.04
5956	22.5	5	0.10836	0	7.5	22.5	22.5	1.59274	1.03067	0.70187	3000.04
5957	25	2.5	0.33341	25	7.5	25	12.5	1.72694	1.02579	0.73502	3000.04
5958	25	7.5	0.33341	35	5	25	15	1.30768	1.0407	0.71983	3000.04
5959	20	3	0.10836	5	5	2.5	47.5	1.34527	1.01617	0.70461	3000.04
5960	20	3.5	0.33341	17.5	2.5	17.5	20	1.8908	1.0102	0.69797	3000.04
5961	50	27.5	0.0025	0	0	2.5	2.5	3.41291	0.8603	0.23134	3000.04
5962	22.5	5	0.33341	10	47.5	10	12.5	1.80513	0.98568	0.71527	3000.04
5963	20	5	0.33341	10	2.5	17.5	25	1.69284	1.07438	0.80268	3000.04
5964	20	5	0.33341	10	2.5	17.5	25	1.69284	1.07438	0.80268	3000.04
5965	20	5	0.33341	10	2.5	17.5	25	1.69284	1.07438	0.80268	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
5966	20	5	0.33341	10	2.5	17.5	25	1.69284	1.07438	0.80268	3000.04
5967	20	5	0.33341	10	2.5	17.5	25	1.69284	1.07438	0.80268	3000.04
5968	20	2.5	0.33341	0	0	10	42.5	2.01364	1.0537	0.6895	3000.04
5969	22.5	2.5	0.10836	10	2.5	10	17.5	1.84448	0.99482	0.69971	3000.04
5970	27.5	12.5	0.10836	2.5	5	12.5	17.5	2.55303	1.24743	0.41292	3000.04
5971	22.5	3.5	1.08358	2.5	0	25	27.5	1.35846	1.02091	0.7058	3000.04
5972	20	3.5	0.33341	0	2.5	10	47.5	1.35846	1.02091	0.7058	3000.04
5973	20	3.5	0.33341	0	2.5	10	47.5	1.35846	1.02091	0.7058	3000.04
5974	25	7.5	0.33341	2.5	0	22.5	32.5	1.35846	1.02091	0.7058	3000.04
5975	22.5	2.5	0.33341	32.5	5	20	17.5	0.68228	1.13005	0.73785	3000.04
5976	40	15	0.03334	0	0	5	20	3.75089	0.88987	0.38738	3000.04
5977	42.5	18.5	0.03334	0	2.5	2.5	17.5	3.88421	0.88581	0.3851	3000.04
5978	25	7.5	0.10836	0	2.5	10	20	5.04151	0.93915	0.40863	3000.04
5979	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5980	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5981	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5982	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5983	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5984	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5985	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5986	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5987	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5988	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5989	22.5	3.5	0.33341	8	2	11.5	44.5	2.2006	1.03835	0.81651	3000.04
5990	20	2.5	0.33341	10	2.5	10	35	2.2006	1.03835	0.81651	3000.04
5991	20	2.5	0.33341	10	2.5	10	35	2.2006	1.03835	0.81651	3000.04
5992	20	2.5	0.33341	10	2.5	10	35	2.2006	1.03835	0.81651	3000.04
5993	23.5	7	0.33341	2.5	2.5	10	45	1.90361	0.99116	0.71034	3000.04
5994	23.5	7	0.33341	2.5	2.5	10	45	1.90361	0.99116	0.71034	3000.04
5995	23.5	7	0.33341	2.5	2.5	10	45	1.90361	0.99116	0.71034	3000.04
5996	23.5	7	0.33341	2.5	2.5	10	45	1.90361	0.99116	0.71034	3000.04
5997	20	2.5	0.33341	22.5	15	2.5	15	2.12222	1.01336	0.86631	3000.04
5998	17.5	2.5	0.33341	10	2.5	15	30	1.84927	0.99275	0.7062	3000.04
5999	20	2.5	0.10836	0	5	20	42.5	1.84927	0.99275	0.7062	3000.04
6000	25	2.5	0.33341	27.5	10	5	15	2.0895	0.99013	0.74307	3000.04
6001	20	5	0.33341	67.5	10	7.5	5	1.99908	1.03732	0.83278	3000.04
6002	22.5	5	0.33341	5	7.5	22.5	27.5	1.95148	1.00282	0.69774	3000.04
6003	22.5	5	0.33341	5	7.5	22.5	27.5	1.95148	1.00282	0.69774	3000.04
6004	22.5	2.5	0.33341	0	2.5	17.5	30	1.70061	1.03659	0.68811	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6005	22.5	2.5	0.33341	0	2.5	35	27.5	2.01771	1.04521	0.83014	3000.04
6006	47.5	22.5	0.03334	0	0	5	12.5	3.55497	0.91489	0.42146	3000.04
6007	40	20	0.01084	0	0	5	15	3.55497	0.91489	0.42146	3000.04
6008	40	20	0.01084	0	0	5	15	3.55497	0.91489	0.42146	3000.04
6009	40	20	0.01084	0	0	5	15	3.55497	0.91489	0.42146	3000.04
6010	20	5	0.33341	20	12.5	22.5	20	1.65635	0.99544	0.70293	3000.04
6011	25	5	0.33341	52.5	20	10	7.5	1.90516	1.01389	0.68652	3000.04
6012	42.5	22.5	0.01084	0	2.5	2.5	5	5.03985	0.8829	0.34374	3000.04
6013	20	5	0.10836	5	0	12.5	25	1.40943	1.07131	0.69553	3000.04
6014	47.5	30	0.03334	0	0	0	2.5	4.40582	0.93228	0.37303	3000.04
6015	47.5	30	0.03543	0	0	0	2.5	4.40582	0.93228	0.37303	3000.04
6016	43.5	25	0.10836	2.5	0	3.5	6.5	3.64633	0.89825	0.42024	3000.04
6017	20	2.5	1.08358	45	5	15	17.5	2.46671	1.00616	0.99882	3000.04
6018	43	17.5	0.10836	2.5	0	16.5	21	5.20912	0.87518	0.37501	3000.04
6019	42.5	22.5	0.01084	0	2.5	2.5	5	5.20912	0.87518	0.37501	3000.04
6020	42.5	22.5	0.01084	0	2.5	2.5	5	5.20912	0.87518	0.37501	3000.04
6021	20	5	0.33341	22.5	22.5	12.5	17.5	1.98367	1.06088	0.67764	3000.04
6022	20	2.5	0.33341	0	0	2.5	52.5	1.8469	0.97073	0.67645	3000.04
6023	25	2.5	0.10836	0	0	10	30	1.8469	0.97073	0.67645	3000.04
6024	20	2.5	0.33341	7.5	5	22.5	7.5	1.57723	1.05155	0.72557	3000.04
6025	40	20	0.03334	5	2.5	7.5	2.5	4.69894	0.88211	0.41946	3000.04
6026	47.5	25.5	0.03334	5	2.5	0	8	4.13074	0.87179	0.31192	3000.04
6027	47.5	25.5	0.03334	5	2.5	0	8	4.13074	0.87179	0.31192	3000.04
6028	47.5	25.5	0.03334	5	2.5	0	8	4.13074	0.87179	0.31192	3000.04
6029	20	3.5	0.33341	27.5	0	20	12.5	2.12503	1.00855	0.70862	3000.04
6030	20	3.5	0.33341	27.5	0	20	12.5	2.12503	1.00855	0.70862	3000.04
6031	45	20	0.01084	0	0	10	12.5	3.13367	0.89725	0.43042	3000.04
6032	22.5	2.5	0.33341	12.5	5	25	25	1.72915	1.03194	0.76545	3000.04
6033	45	3.5	0.33341	17.5	7.5	22.5	17.5	4.07037	0.90395	0.39363	3000.04
6034	22.5	2.5	0.33341	20	10	25	20	2.16107	1.01221	0.86363	3000.04
6035	35	12.5	0.03334	35	5	0	5	3.9598	0.87971	0.38139	3000.04
6036	51.5	25	0.01084	2.5	0	5	2.5	4.69212	0.9212	0.30931	3000.04
6037	51.5	25	0.01084	2.5	0	5	2.5	4.69212	0.9212	0.30931	3000.04
6038	51.5	25	0.01084	2.5	0	5	2.5	4.69212	0.9212	0.30931	3000.04
6039	23.5	7	0.33341	5	2.5	10	42.5	2.00123	0.97368	0.68755	3000.04
6040	25	5	0.33341	12.5	0	17.5	30	1.63747	1.00678	0.71848	3000.04
6041	20	3.5	1.08358	2.5	10	32.5	40	1.20782	1.06308	0.7783	3000.04
6042	20	3.5	1.08358	2.5	10	32.5	40	1.20782	1.06308	0.7783	3000.04
6043	21	5	0.33341	0	0	10	45	1.86585	0.99411	0.70125	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6044	22.5	5	0.10836	20	7.5	10	12.5	1.19898	1.0683	0.73144	3000.04
6045	35	12.5	0.10836	0	0	5	15	4.53638	0.93627	0.37589	3000.04
6046	22.5	5	0.33341	0	0	35	27.5	1.97436	1.02017	0.76087	3000.04
6047	17.5	2.5	0.33341	0	0	10	37.5	1.97436	1.02017	0.76087	3000.04
6048	43	25	0.03334	1	1	3	11	4.55779	0.89514	0.36454	3000.04
6049	17.5	0	1.08358	25	22.5	10	25	2.15848	1.0039	0.89689	3000.04
6050	20	2.5	0.33341	15	0	30	25	1.50092	1.0619	0.6949	3000.04
6051	20	2.5	0.33341	15	0	30	25	1.50092	1.0619	0.6949	3000.04
6052	41	20	0.08585	0	2.5	2.5	10	4.68252	0.89542	0.30423	3000.04
6053	41	20	0.08585	0	2.5	2.5	10	4.68252	0.89542	0.30423	3000.04
6054	45	25	0.01084	0	2.5	2.5	15	4.68252	0.89542	0.30423	3000.04
6055	30	15	0.10836	7.5	5	7.5	25	5.01861	0.89106	0.34091	3000.04
6056	49	18.5	0.03334	2.5	0	2.5	17.5	5.2756	0.8763	0.37235	3000.04
6057	40	22.5	0.10836	0	0	2.5	5	4.05769	0.94244	0.3991	3000.04
6058	37.5	15	0.03334	47.5	5	5	5	4.49705	0.88269	0.36561	3000.04
6059	32.5	12.5	0.10836	0	0	0	5	1.55015	1.15462	0.66698	3000.04
6060	32.5	12.5	0.10836	0	0	0	5	1.55015	1.15462	0.66698	3000.04
6061	32.5	12.5	0.10836	0	0	0	5	1.55015	1.15462	0.66698	3000.04
6062	32.5	12.5	0.10836	0	0	0	5	1.55015	1.15462	0.66698	3000.04
6063	22.5	3.5	0.10836	5	5	5	30	1.77393	1.00372	0.691	3000.04
6064	47.5	20.5	0.03334	5	2.5	2.5	5.5	4.8402	0.88527	0.34693	3000.04
6065	53	35	0.0025	2.5	0	2.5	10	3.86137	0.86458	0.25571	3000.04
6066	53	35	0.0025	2.5	0	2.5	10	3.86137	0.86458	0.25571	3000.04
6067	40	15.5	0.03334	0	0	2.5	7.5	3.53248	0.89824	0.42289	3000.04
6068	35	15	0.10836	0	0	2.5	10	3.53248	0.89824	0.42289	3000.04
6069	37.5	17.5	0.10836	2.5	2.5	2.5	17.5	4.22813	0.88422	0.36747	3000.04
6070	55	25	0.01181	2.5	5	2.5	5	5.15602	0.86729	0.35337	3000.04
6071	26	5	0.33341	2.5	0	15	35	1.76884	1.00192	0.70585	3000.04
6072	22.5	5	0.10836	12.5	0	17.5	30	1.94311	1.01759	0.66481	3000.04
6073	22.5	5	0.10836	12.5	0	17.5	30	1.94311	1.01759	0.66481	3000.04
6074	32.5	10	0.10836	2.5	2.5	2.5	7.5	4.58134	0.95071	0.39039	3000.04
6075	25	5	0.33341	32.5	5	22.5	17.5	1.73628	0.98859	0.71491	3000.04
6076	25	7.5	0.33071	2.5	2.5	20	37.5	1.82528	0.98858	0.66162	3000.04
6077	35	15	0.03334	0	0	2.5	5	3.97253	0.87	0.43188	3000.04
6078	32.5	12.5	0.10836	2.5	5	17.5	12.5	4.6656	0.89772	0.39675	3000.04
6079	27.5	7.5	0.33071	2.5	2.5	12.5	42.5	1.29056	1.04435	0.69048	3000.04
6080	40	15	0.09169	10	2.5	2.5	12.5	3.57951	0.92205	0.4167	3000.04
6081	22.5	7.5	0.10836	55	7.5	10	7.5	1.80723	1.05245	0.65234	3000.04
6082	22.5	7.5	0.10836	55	7.5	10	7.5	1.80723	1.05245	0.65234	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6083	25	5	0.33341	10	5	27.5	20	1.82614	0.98114	0.70213	3000.04
6084	17.5	2.5	0.33071	55	7.5	12.5	12.5	2.01081	1.02522	0.72448	3000.04
6085	22.5	2.5	0.33341	2.5	12.5	22.5	20	1.68874	1.0594	0.65676	3000.04
6086	20.5	3.5	0.10836	12.5	0	10	35	1.71248	1.01567	0.6261	3000.04
6087	25	7.5	0.10836	30	5	20	10	1.71248	1.01567	0.6261	3000.04
6088	20	2.5	0.33341	2.5	1.5	13.5	52.5	2.03736	0.977	0.66869	3000.04
6089	20	2.5	0.33341	2.5	1.5	13.5	52.5	2.03736	0.977	0.66869	3000.04
6090	22.5	3.5	0.33341	7.5	0	10	47	2.08283	1.01251	0.83642	3000.04
6091	50	25	0.01084	52.5	5	2.5	7.5	4.40256	0.90714	0.37753	3000.04
6092	47.5	25	0.03334	2.5	2.5	2.5	22.5	4.40256	0.90714	0.37753	3000.04
6093	20	3.5	0.33341	2.5	12.5	20	15	2.19558	1.07875	0.65391	3000.04
6094	20	3.5	0.33341	2.5	12.5	20	15	2.19558	1.07875	0.65391	3000.04
6095	20	2.5	0.10836	20	5	20	15	2.29276	1.12931	0.694	3000.04
6096	27.5	6	0.10836	2.5	0	5	2.5	1.545	1.06168	0.69736	3000.04
6097	52.5	30	0.01084	0	0	0	2.5	4.59023	0.85287	0.35887	3000.04
6098	48	25	0.03334	1	1.5	2.5	15	4.68159	0.86535	0.31576	3000.04
6099	25	7.5	0.33341	47.5	5	15	12.5	1.68583	1.03855	0.68548	3000.04
6100	45	17.5	0.10836	2.5	0	5	12.5	3.95271	0.8858	0.32719	3000.04
6101	45	17.5	0.10836	2.5	0	5	12.5	3.95271	0.8858	0.32719	3000.04
6102	45	17.5	0.10836	2.5	0	5	12.5	3.95271	0.8858	0.32719	3000.04
6103	45	17.5	0.10836	2.5	0	5	12.5	3.95271	0.8858	0.32719	3000.04
6104	20	2.5	0.33341	10	2.5	22.5	25	1.97598	1.01886	0.81022	3000.04
6105	20	2.5	0.33341	10	2.5	22.5	25	1.97598	1.01886	0.81022	3000.04
6106	20	2.5	0.33341	10	2.5	22.5	25	1.97598	1.01886	0.81022	3000.04
6107	20	2.5	0.33341	10	2.5	22.5	25	1.97598	1.01886	0.81022	3000.04
6108	22.5	3.5	0.91688	35	7.5	5	10	1.73754	1.11356	0.77582	3000.04
6109	36.5	14.5	0.10836	0	0	2.5	7.5	3.59757	0.94795	0.35406	3000.04
6110	36.5	14.5	0.10836	0	0	2.5	7.5	3.59757	0.94795	0.35406	3000.04
6111	17.5	2.5	0.33341	0	5	20	35	1.64887	0.99569	0.67885	3000.04
6112	30	2.5	0.1063	2.5	2.5	7.5	12.5	1.95889	1.00256	0.6809	3000.04
6113	30	2.5	0.10836	2.5	2.5	7.5	12.5	1.95889	1.00256	0.6809	3000.04
6114	30	2.5	0.10836	2.5	2.5	7.5	12.5	1.95889	1.00256	0.6809	3000.04
6115	30	2.5	0.10836	2.5	2.5	7.5	12.5	1.95889	1.00256	0.6809	3000.04
6116	17.5	2.5	0.33341	22.5	10	15	22.5	1.68049	1.07354	0.64828	3000.04
6117	42.5	20	0.01084	2.5	0	2.5	12.5	3.25864	0.89434	0.42352	3000.04
6118	17.5	5	0.27506	5	0	32.5	27.5	1.66238	1.05471	0.70615	3000.04
6119	20	2.5	0.33071	5	5	20	30	2.32635	1.00534	0.77395	3000.04
6120	40	21.5	0.03334	2.5	0	12.5	22	4.44971	0.9199	0.35783	3000.04
6121	25	2.5	0.33341	5	10	25	20	1.54591	1.00812	0.69831	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6122	22.5	7.5	0.33341	60	5	5	15	1.59202	1.05791	0.66694	3000.04
6123	15	2.5	0.33341	27.5	5	25	17.5	1.44704	1.01988	0.6715	3000.04
6124	20	3.5	0.33341	2.5	0	17.5	27.5	2.37257	1.01806	0.83599	3000.04
6125	22.5	2.5	0.33341	25	10	12.5	10	1.72571	0.98921	0.70746	3000.04
6126	25	7.5	0.10836	0	0	5	45	1.7584	1.04947	0.66605	3000.04
6127	22.5	2.5	0.33341	0	0	12.5	37.5	1.82719	0.98803	0.68704	3000.04
6128	25	7.5	0.33341	0	0	20	25	1.82719	0.98803	0.68704	3000.04
6129	16.5	2	0.10836	10	15	12.5	17.5	1.90081	1.00951	0.66332	3000.04
6130	22.5	5	0.10836	20	5	7.5	20	1.90081	1.00951	0.66332	3000.04
6131	22.5	5	0.10836	20	5	7.5	20	1.90081	1.00951	0.66332	3000.04
6132	20	5	0.10836	0	0	2.5	15	1.98511	1.00598	0.74898	3000.04
6133	22.5	2.5	0.33341	27.5	5	17.5	20	1.56974	1.0233	0.74887	3000.04
6134	42.5	25	0.01084	2.5	2.5	5	12.5	4.25908	0.92816	0.36291	3000.04
6135	14	3.5	0.33341	0	0	50	20	1.73703	0.98071	0.68201	3000.04
6136	25	7.5	0.33341	0	0	17.5	37.5	1.73703	0.98071	0.68201	3000.04
6137	20	2.5	0.33341	10	2.5	20	27.5	2.25964	0.99309	0.79715	3000.04
6138	22.5	5	0.33341	1	6.5	10	52.5	2.14939	1.02496	0.8197	3000.04
6139	22.5	5	0.33341	1	6.5	10	52.5	2.14939	1.02496	0.8197	3000.04
6140	22.5	7.5	0.33341	0	0	20	30	1.81548	1.03084	0.69352	3000.04
6141	22.5	7.5	0.33341	0	0	20	30	1.81548	1.03084	0.69352	3000.04
6142	40	20	0.03334	0	0	5	10	4.84392	0.90691	0.34247	3000.04
6143	27.5	5	0.27506	5	0	10	42.5	1.71972	1.01865	0.72597	3000.04
6144	41.5	20	0.03189	20	10	10	17.5	5.09718	0.87874	0.34149	3000.04
6145	20	2.5	0.10836	57.5	5	5	10	1.80427	0.9759	0.68343	3000.04
6146	20	2.5	0.10836	57.5	5	5	10	1.80427	0.9759	0.68343	3000.04
6147	20	2.5	0.10836	57.5	5	5	10	1.80427	0.9759	0.68343	3000.04
6148	20	5	0.33341	0	0	27.5	30	1.60552	1.02575	0.72171	3000.04
6149	20	5	0.33341	0	0	27.5	30	1.60552	1.02575	0.72171	3000.04
6150	22.5	2.5	0.33341	32.5	5	15	17.5	1.81374	1.05231	0.64621	3000.04
6151	43.5	24	0.10836	5	0	2.5	17.5	4.52053	0.87805	0.35468	3000.04
6152	42.5	22.5	0.01084	50	5	5	5	3.85065	0.86931	0.38036	3000.04
6153	20	5	0.33341	0	0	25	32.5	1.55488	1.01368	0.67378	3000.04
6154	45.5	24.5	0.03334	5	2.5	4	16	3.91964	0.91042	0.3724	3000.04
6155	20	2.5	0.33341	42.5	15	15	15	2.42072	1.06817	0.80226	3000.04
6156	20	2.5	0.33341	42.5	15	15	15	2.42072	1.06817	0.80226	3000.04
6157	22.5	7.5	0.33341	47.5	5	10	20	1.76481	1.03148	0.64339	3000.04
6158	22.5	7.5	0.33341	47.5	5	10	20	1.76481	1.03148	0.64339	3000.04
6159	30	7.5	0.10836	0	0	22.5	27.5	1.22736	1.04771	0.64403	3000.04
6160	22.5	2.5	0.33341	27.5	5	5	22.5	1.7823	0.98335	0.72236	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6161	51	23	0.10836	5	2.5	7.5	17.5	3.14977	0.93013	0.39672	3000.04
6162	51	23	0.10836	5	2.5	7.5	17.5	3.14977	0.93013	0.39672	3000.04
6163	40	15	0.02752	2.5	2.5	10	10	3.29927	0.94685	0.41781	3000.04
6164	21	5	0.33341	0	0	2.5	55	1.93947	1.00415	0.67708	3000.04
6165	21	5	0.33341	0	0	2.5	55	1.93947	1.00415	0.67708	3000.04
6166	21	5	0.33341	0	0	2.5	55	1.93947	1.00415	0.67708	3000.04
6167	25	7.5	0.33341	37.5	5	22.5	15	1.68728	1.00382	0.65554	3000.04
6168	55	10	0.03334	0	0	5	5	1.51918	1.03819	0.67409	3000.04
6169	41.5	20	0.03334	0	2.5	2.5	11	3.81028	0.88607	0.37881	3000.04
6170	17.5	2.5	0.33341	25	10	22.5	17.5	1.64643	1.04449	0.75695	3000.04
6171	25	2.5	0.10836	2.5	2.5	7.5	20	1.88044	1.02104	0.69524	3000.04
6172	26.5	8	0.10836	2.5	2.5	7.5	30	1.88044	1.02104	0.69524	3000.04
6173	37.5	21.5	0.03334	10	0	2.5	3.5	5.23686	0.91645	0.36254	3000.04
6174	54	32.5	0.01084	1.5	1.5	2	6	3.78643	0.861	0.26532	3000.04
6175	25	7.5	0.33341	47.5	5	12.5	20	1.79122	1.03124	0.69114	3000.04
6176	25	5	0.33341	7.5	50	17.5	12.5	1.70384	1.08306	0.64416	3000.04
6177	50	17.5	0.03334	52.5	5	5	5	3.68001	0.89059	0.40263	3000.04
6178	25	7.5	0.10836	0	0	5	45	1.55209	1.00135	0.64762	3000.04
6179	25	7.5	0.10836	0	0	5	45	1.55209	1.00135	0.64762	3000.04
6180	25	7.5	0.10836	0	0	5	45	1.55209	1.00135	0.64762	3000.04
6181	25	7.5	0.10836	0	0	5	45	1.55209	1.00135	0.64762	3000.04
6182	22.5	7	0.33341	0	1	19	32.5	1.55209	1.00135	0.64762	3000.04
6183	25	7.5	0.33341	0	0	35	30	1.61271	0.98536	0.67869	3000.04
6184	22.5	2.5	0.33341	0	0	27.5	30	1.61271	0.98536	0.67869	3000.04
6185	22.5	2.5	0.33341	0	0	27.5	30	1.61271	0.98536	0.67869	3000.04
6186	22.5	2.5	0.33341	0	0	27.5	30	1.61271	0.98536	0.67869	3000.04
6187	22.5	2.5	0.33341	0	0	27.5	30	1.61271	0.98536	0.67869	3000.04
6188	22.5	2.5	0.33341	0	0	27.5	30	1.61271	0.98536	0.67869	3000.04
6189	22.5	2.5	0.10836	0	0	12.5	30	1.95371	1.02683	0.74097	3000.04
6190	20	4.5	0.10836	10	2.5	10	40	1.19826	1.03522	0.64757	3000.04
6191	25	7	0.33341	2.5	2.5	25	30	1.7906	0.97282	0.65312	3000.04
6192	22.5	2.5	0.33071	5	0	32.5	30	1.9018	1.02438	0.77414	3000.04
6193	25	5	0.33341	40	5	15	15	1.42887	0.99575	0.6501	3000.04
6194	25	5	0.33341	55	7.5	10	15	1.99802	1.01225	0.75339	3000.04
6195	20	7.5	0.03331	0	0	0	5	2.30589	1.02286	0.83769	3000.04
6196	20	2.5	0.10836	12.5	7.5	17.5	25	1.98848	0.98192	0.66764	3000.04
6197	32.5	12.5	0.10836	2.5	2.5	10	12.5	3.9037	0.91692	0.38957	3000.04
6198	32.5	12.5	0.10836	2.5	2.5	10	12.5	3.9037	0.91692	0.38957	3000.04
6199	17.5	2.5	0.10836	20	10	10	27.5	2.45539	1.04811	0.85894	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6200	25	7.5	0.33341	2.5	2.5	32.5	32.5	1.51331	0.98308	0.64523	3000.04
6201	25	7.5	0.33341	2.5	2.5	32.5	32.5	1.51331	0.98308	0.64523	3000.04
6202	50.5	26.5	0.02751	7.5	0	5	0	4.17037	0.92707	0.30906	3000.04
6203	25	5	0.27506	60	5	5	7.5	1.58593	1.02117	0.62283	3000.04
6204	24	9	0.33341	2.5	0	2.5	40	1.83029	0.99655	0.66173	3000.04
6205	25	5	0.10836	45	5	22.5	10	1.66541	1.00175	0.71166	3000.04
6206	35	15	0.03334	32.5	5	5	12.5	5.56214	0.92762	0.46688	3000.04
6207	35	15	0.03334	32.5	5	5	12.5	5.56214	0.92762	0.46688	3000.04
6208	22.5	2.5	0.33341	0	0	22.5	32.5	1.91355	0.98982	0.68661	3000.04
6209	45	20	0.01084	5	2.5	5	5	4.08866	0.92594	0.36808	3000.04
6210	31.5	11.5	0.10836	0	0	2.5	5	4.97024	0.98798	0.46876	3000.04
6211	30	10	0.1063	2.5	0	5	20	4.09039	0.96512	0.54134	3000.04
6212	17.5	2.5	1.08358	25	12.5	37.5	5	1.75157	1.0008	0.69472	3000.04
6213	30	10	0.03334	2.5	0	2.5	12.5	4.40839	0.87623	0.29111	3000.04
6214	22.5	2.5	0.10836	7.5	5	7.5	20	1.74036	0.98798	0.68811	3000.04
6215	55	35	0.01084	52.5	7.5	2.5	7.5	3.33174	0.88199	0.36684	3000.04
6216	55	35	0.01084	52.5	7.5	2.5	7.5	3.33174	0.88199	0.36684	3000.04
6217	55	35	0.01084	52.5	7.5	2.5	7.5	3.33174	0.88199	0.36684	3000.04
6218	45	15	0.10836	0	0	0	5	3.19173	0.89342	0.39022	3000.04
6219	22.5	2.5	0.33341	5	7.5	30	27.5	1.98112	1.01847	0.77866	3000.04
6220	25	5	0.33341	0	0	15	27.5	1.09317	1.07324	0.68213	3000.04
6221	25	7	0.10836	2.5	2.5	25	32.5	1.80125	0.972	0.66395	3000.04
6222	20	2	0.27506	2.5	10	25	25	1.79274	1.13009	0.80186	3000.04
6223	20	2	0.27506	2.5	10	25	25	1.79274	1.13009	0.80186	3000.04
6224	20	2	0.27506	2.5	10	25	25	1.79274	1.13009	0.80186	3000.04
6225	20	2.5	0.33341	5	5	22.5	30	1.98193	1.02693	0.83255	3000.04
6226	40	17.5	0.01087	0	0	2.5	7.5	2.9655	0.99755	0.40179	3000.04
6227	20	2	0.33341	0	0	15	57.5	0.76705	1.13783	0.7075	3000.04
6228	43.5	21.5	0.03334	0	0	2.5	7.5	3.77014	0.89422	0.39739	3000.04
6229	43.5	21.5	0.03334	0	0	2.5	7.5	3.77014	0.89422	0.39739	3000.04
6230	20	5	0.25839	40	10	7.5	5	0.94579	1.06203	0.71549	3000.04
6231	20	5	0.25839	40	10	7.5	5	0.94579	1.06203	0.71549	3000.04
6232	20	5	0.25839	40	10	7.5	5	0.94579	1.06203	0.71549	3000.04
6233	20	5	0.25839	40	10	7.5	5	0.94579	1.06203	0.71549	3000.04
6234	17.5	2.5	0.33341	22.5	0	20	25	1.67532	1.02935	0.64963	3000.04
6235	25	7.5	0.33341	10	0	17.5	27.5	1.73967	0.97926	0.65444	3000.04
6236	25	5	0.27506	10	7.5	15	17.5	1.34156	1.05753	0.858	3000.04
6237	22.5	2.5	0.33341	5	5	35	20	1.94053	0.99979	0.75409	3000.04
6238	47.5	29	0.0025	2.5	2.5	2.5	17.5	4.60824	0.87188	0.37102	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6239	27.5	7.5	0.33341	0	0	15	22.5	1.86918	1.03242	0.67763	3000.04
6240	37.5	20	0.03334	0	0	5	2.5	3.57973	0.95512	0.39536	3000.04
6241	25	7.5	0.33341	0	0	10	25	1.58443	1.02486	0.71126	3000.04
6242	25	7.5	0.33341	0	0	10	25	1.58443	1.02486	0.71126	3000.04
6243	37.5	17.5	0.03334	25	7.5	2.5	7.5	4.64691	0.91807	0.54482	3000.04
6244	35	12.5	0.10836	10	5	5	10	3.26695	0.91864	0.41991	3000.04
6245	47.5	20	0.10836	0	0	5	15	3.76885	0.8634	0.27841	3000.04
6246	47.5	20	0.10836	0	0	5	15	3.76885	0.8634	0.27841	3000.04
6247	22.5	2.5	0.33341	5	7.5	20	25	1.27713	1.05138	0.67549	3000.04
6248	45	25	0.01084	7.5	0	7.5	10	2.82208	0.94607	0.41024	3000.04
6249	44	22	0.1063	2.5	2.5	2.5	5	3.39426	0.92368	0.40515	3000.04
6250	20	2.5	0.10836	2.5	5	12.5	37.5	1.49857	1.03913	0.66626	3000.04
6251	32.5	10	0.10836	2.5	2.5	12.5	2.5	2.91194	0.88522	0.41208	3000.04
6252	37.5	17.5	0.03334	37.5	10	5	10	3.28197	0.99775	0.37781	3000.04
6253	47.5	27.5	0.03334	12.5	0	7.5	17.5	4.84934	0.87107	0.34101	3000.04
6254	20	2.5	0.33341	7.5	5	5	40	2.07142	1.05913	0.82348	3000.04
6255	45	20	0.10836	0	0	2.5	7.5	2.99302	0.98979	0.41156	3000.04
6256	42.5	20	0.10836	0	0	2.5	2.5	2.99302	0.98979	0.41156	3000.04
6257	27.5	2.5	0.10836	5	0	25	25	1.16069	1.04407	0.63641	3000.04
6258	22.5	2.5	0.33341	25	32.5	7.5	15	1.94818	1.07618	0.66943	3000.04
6259	22.5	2.5	0.33341	30	7.5	20	20	1.61977	1.04727	0.70055	3000.04
6260	48	28	0.10836	2.5	0	5	8.5	3.96441	0.88751	0.39101	3000.04
6261	48	28	0.10836	2.5	0	5	8.5	3.96441	0.88751	0.39101	3000.04
6262	47.5	20	0.10836	0	0	2.5	2.5	3.51672	0.94247	0.40037	3000.04
6263	25	2.5	0.33341	32.5	5	10	22.5	1.79416	0.96622	0.6515	3000.04
6264	40	20	0.01084	0	0	5	15	3.40258	0.90953	0.39653	3000.04
6265	25	7.5	0.33341	45	5	12.5	12.5	1.64369	1.08396	0.63818	3000.04
6266	52.5	27.5	0.03334	2.5	2.5	2.5	17.5	3.95814	0.88688	0.29968	3000.04
6267	20	5	0.33341	0	0	5	42.5	2.05442	0.963	0.73878	3000.04
6268	52.5	32	0.03334	10	27	10.5	2.5	3.57307	0.95752	0.36131	3000.04
6269	22.5	7.5	0.10836	30	10	7.5	12.5	1.78246	1.0081	0.68037	3000.04
6270	25	2.5	0.33341	0	0	25	32.5	1.7345	1.0582	0.81778	3000.04
6271	40	15	0.03334	12.5	5	10	15	4.46678	0.88732	0.34787	3000.04
6272	20	5	0.33341	0	0	5	40	1.43646	1.01579	0.66648	3000.04
6273	47.5	20	0.1063	0	0	2.5	2.5	3.16241	0.8735	0.39235	3000.04
6274	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04
6275	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04
6276	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04
6277	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6278	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04
6279	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04
6280	52.5	25	0.0025	32.5	27.5	5	7.5	4.38228	0.93723	0.34288	3000.04
6281	47.5	25	0.0025	0	0	2.5	7.5	4.70393	0.88233	0.34175	3000.04
6282	47.5	25	0.0025	0	0	2.5	7.5	4.70393	0.88233	0.34175	3000.04
6283	45	18	0.10836	0	0	2.5	5	3.03021	0.99704	0.40779	3000.04
6284	48.5	27	0.03334	0	0	2.5	5	3.48592	0.85396	0.24606	3000.04
6285	20	2.5	0.33341	17.5	5	20	25	1.65619	1.09648	0.76073	3000.04
6286	25	2.5	0.33341	5	2.5	27.5	30	1.05496	1.04074	0.65651	3000.04
6287	22.5	2.5	0.33341	50	10	7.5	10	1.4783	0.98789	0.62461	3000.04
6288	25	10	0.33341	0	0	17.5	40	1.47671	1.20666	0.67016	3000.04
6289	25	10	0.33341	0	0	17.5	40	1.47671	1.20666	0.67016	3000.04
6290	25	10	0.33341	0	0	17.5	40	1.47671	1.20666	0.67016	3000.04
6291	25	10	0.33341	0	0	17.5	40	1.47671	1.20666	0.67016	3000.04
6292	20	3.5	0.33341	7.5	0	10	40	1.7506	0.98351	0.6663	3000.04
6293	20	5	0.33341	7.5	7.5	35	20	1.87901	1.02006	0.65405	3000.04
6294	25	5	0.10836	12.5	0	12.5	32.5	1.73948	1.04901	0.74753	3000.04
6295	25	6.5	0.33341	7.5	5	22.5	25	1.73948	1.04901	0.74753	3000.04
6296	20	3.5	0.33341	1	1.5	17.5	37	1.74145	1.00866	0.67713	3000.04
6297	20	3.5	0.33341	1	1.5	17.5	37	1.74145	1.00866	0.67713	3000.04
6298	27.5	7.5	0.33341	60	5	5	10	1.68117	1.02783	0.74754	3000.04
6299	22.5	2.5	0.33341	2.5	2.5	12.5	40	1.44435	1.00771	0.6798	3000.04
6300	22.5	3	0.33341	2.5	7.5	15.5	38	1.97905	1.04104	0.71092	3000.04
6301	35	17.5	0.03334	20	5	5	15	1.97905	1.04104	0.71092	3000.04
6302	25	2.5	0.33341	5	2.5	30	22.5	1.75601	1.0104	0.66725	3000.04
6303	25	5	0.10836	55	0	7.5	10	1.70061	1.01521	0.69436	3000.04
6304	25	5	0.10836	55	0	7.5	10	1.70061	1.01521	0.69436	3000.04
6305	21	5	1.08358	30	7.5	5	20	1.23387	1.04373	0.57917	3000.04
6306	27.5	5	0.10836	32.5	5	10	20	1.95998	1.01777	0.73774	3000.04
6307	22.5	3.5	0.10836	2.5	10	5	27.5	1.74038	1.00292	0.70473	3000.04
6308	50	22.5	0.10836	0	0	2.5	5	3.44563	0.88172	0.37556	3000.04
6309	50	22.5	0.10836	0	0	2.5	5	3.44563	0.88172	0.37556	3000.04
6310	30	10	0.10836	40	2.5	7.5	12.5	1.04668	1.07152	0.62186	3000.04
6311	45	20	0.03334	0	0	2.5	17.5	4.05866	0.91152	0.28813	3000.04
6312	50	25	0.10836	0	0	0	2.5	4.05866	0.91152	0.28813	3000.04
6313	47.5	20	0.10836	0	0	2.5	2.5	3.66377	0.93492	0.36003	3000.04
6314	47.5	20	0.10836	0	0	2.5	2.5	3.66377	0.93492	0.36003	3000.04
6315	25	2.5	0.33341	0	0	32.5	27.5	1.7888	1.08648	0.62349	3000.04
6316	25	2.5	0.33341	0	0	32.5	27.5	1.7888	1.08648	0.62349	3000.04

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6317	22	6.5	0.33341	2.5	0	5	50	1.81091	1.01845	0.65374	3000.04
6318	20.5	3.5	0.33341	2.5	0	2.5	47.5	1.81091	1.01845	0.65374	3000.04
6319	22	6.5	0.33341	2.5	0	5	50	1.81091	1.01845	0.65374	3000.04
6320	30	10	0.33341	0	5	22.5	17.5	1.02933	1.04728	0.65498	3000.05
6321	25	7.5	0.10836	0	2.5	25	25	1.45548	1.03418	0.68424	3000.05
6322	22.5	7.5	0.10836	50	5	7.5	17.5	2.46318	1.0524	0.78526	3000.05
6323	22.5	2.5	0.33341	0	0	35	30	2.20544	1.02534	0.85241	3000.05
6324	22.5	2.5	0.33341	30	5	17.5	20	1.4865	1.01177	0.71344	3000.05
6325	25	5	0.33341	0	2.5	32.5	30	1.74861	0.99637	0.64974	3000.05
6326	21.5	3.5	0.33341	0	0	15.5	64.5	1.22641	1.08467	0.69383	3000.05
6327	27.5	6	0.10836	2.5	0	5	2.5	1.46278	1.04618	0.67117	3000.05
6328	42.5	20	0.01084	5	5	5	17.5	3.16139	0.94193	0.37607	3000.05
6329	25	2.5	0.33341	5	2.5	27.5	30	1.02726	1.07264	0.62483	3000.05
6330	47.5	22.5	0.01075	35	5	10	5	4.37653	0.90328	0.35534	3000.05
6331	43.5	24	0.03334	0	0	2.5	29.5	3.99869	0.92017	0.346	3000.05
6332	43.5	24	0.03334	0	0	2.5	29.5	3.99869	0.92017	0.346	3000.05
6333	20	2.5	0.10836	25	5	15	20	1.30595	1.09156	0.55782	3000.05
6334	40	20	0.03334	5	0	5	0	2.92994	0.93079	0.39385	3000.05
6335	25	2.5	0.10836	0	0	17.5	25	0.94801	1.05294	0.63665	3000.05
6336	35	12.5	0.10836	2.5	2.5	5	20	3.59436	0.9022	0.36515	3000.05
6337	22.5	2.5	0.33341	2.5	2.5	27.5	32.5	0.94117	1.02748	0.61003	3000.05
6338	22.5	7	0.33341	0	1	2	36.5	1.97665	1.0292	0.65463	3000.05
6339	22.5	7	0.33341	0	1	2	36.5	1.97665	1.0292	0.65463	3000.05
6340	25	7.5	0.33341	0	0	35	30	1.75432	0.97615	0.64254	3000.05
6341	20	3.5	0.27506	0	0	20	32.5	1.75432	0.97615	0.64254	3000.05
6342	20	3.5	0.27506	0	0	20	32.5	1.75432	0.97615	0.64254	3000.05
6343	20	3.5	0.27506	0	0	20	32.5	1.75432	0.97615	0.64254	3000.05
6344	20	3.5	0.27506	0	0	20	32.5	1.75432	0.97615	0.64254	3000.05
6345	17.5	2.5	0.33341	0	0	27.5	30	1.88037	1.05096	0.65241	3000.05
6346	49	29	0.10836	2.5	0	3	6.5	2.79735	0.93079	0.40388	3000.05
6347	49	29	0.10836	2.5	0	3	6.5	2.79735	0.93079	0.40388	3000.05
6348	34	19	0.03334	2.5	2.5	5	55	4.02621	0.88227	0.31125	3000.05
6349	22.5	7.5	0.10836	5	2.5	12.5	27.5	1.36902	1.02712	0.63338	3000.05
6350	22.5	2.5	0.33341	15	5	25	22.5	1.33466	1.05427	0.64302	3000.05
6351	37.5	17.5	0.03331	7.5	2.5	5	10	3.73438	0.88599	0.36318	3000.05
6352	59	23.5	0.10836	5	2.5	5	16.5	3.27167	0.91364	0.4107	3000.05
6353	35	12.5	0.03334	32.5	5	17.5	10	4.39082	0.90417	0.37474	3000.05
6354	20.5	3.5	0.33341	0	1	2	49	1.86792	1.02386	0.63444	3000.05
6355	40	17.5	0.03331	10	2.5	7.5	7.5	3.70838	0.93098	0.37575	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6356	20	2.5	0.33341	2.5	10	20	25	1.79374	1.00306	0.63453	3000.05
6357	45	20	0.01084	5	5	7.5	7.5	3.79245	0.90593	0.35836	3000.05
6358	22.5	5	0.33341	7.5	17.5	12.5	20	2.03897	1.08306	0.61923	3000.05
6359	25	5	0.33341	45	5	22.5	10	2.03897	1.08306	0.61923	3000.05
6360	57.5	27.5	0.01084	0	0	5	7.5	2.76186	0.99436	0.38502	3000.05
6361	25	5	0.10836	52.5	2.5	7.5	10	1.88789	1.1343	0.81195	3000.05
6362	25	5	0.10836	52.5	2.5	7.5	10	1.88789	1.1343	0.81195	3000.05
6363	35	15	0.01075	10	5	5	15	3.27847	0.89675	0.36901	3000.05
6364	25	7.5	0.27506	2.5	7.5	27.5	5	1.09921	1.04898	0.64975	3000.05
6365	20	3.5	0.33341	7.5	2.5	25	25	1.58918	1.05329	0.66258	3000.05
6366	20	2.5	0.33341	7.5	5	32.5	20	2.36254	1.01327	0.81217	3000.05
6367	25	5	0.33341	0	0	20	37.5	1.71383	0.98898	0.70039	3000.05
6368	20	5	0.33341	77.5	5	2.5	5	1.71383	0.98898	0.70039	3000.05
6369	20	2.5	0.33343	15	17.5	15	17.5	1.44846	1.03143	0.66552	3000.05
6370	20.5	3	0.33341	0	0	7.5	47.5	1.81046	1.02601	0.6491	3000.05
6371	25	5	0.33341	0	0	12.5	30	1.81046	1.02601	0.6491	3000.05
6372	25	5	0.33341	0	0	12.5	30	1.81046	1.02601	0.6491	3000.05
6373	25	5	0.33341	0	0	12.5	30	1.81046	1.02601	0.6491	3000.05
6374	25	5	0.33341	0	0	12.5	30	1.81046	1.02601	0.6491	3000.05
6375	42.5	17.5	0.03331	0	0	0	7.5	3.63527	0.88656	0.38434	3000.05
6376	45	12.5	0.10836	0	2.5	5	7.5	3.16563	0.94311	0.39635	3000.05
6377	22.5	5	0.33341	7.5	10	20	30	1.83786	1.04053	0.64645	3000.05
6378	20	2.5	0.33341	27.5	10	20	15	2.07506	1.05749	0.82696	3000.05
6379	25	7.5	0.10836	55	5	7.5	7.5	1.9854	1.01835	0.76381	3000.05
6380	22.5	2.5	0.33341	37.5	7.5	20	15	1.9854	1.01835	0.76381	3000.05
6381	37.5	17.5	0.03334	42.5	10	5	5	2.80038	0.92477	0.38063	3000.05
6382	22.5	5	0.33341	47.5	7.5	12.5	15	1.7086	1.10243	0.68043	3000.05
6383	25	6.5	0.33341	10	10	5	32.5	1.40364	1.03421	0.607	3000.05
6384	35	7.5	0.10836	32.5	5	7.5	10	1.19121	1.07135	0.60811	3000.05
6385	35	7.5	0.10836	32.5	5	7.5	10	1.19121	1.07135	0.60811	3000.05
6386	22.5	5	0.33341	2.5	0	7.5	42.5	1.1497	1.02892	0.61888	3000.05
6387	20	5	0.33341	27.5	5	27.5	15	1.59475	1.01734	0.61846	3000.05
6388	50	22.5	0.02751	2.5	2.5	2.5	17.5	2.84209	0.94715	0.37862	3000.05
6389	50	22.5	0.02751	2.5	2.5	2.5	17.5	2.84209	0.94715	0.37862	3000.05
6390	20.5	5	0.10836	17.5	15	10	12.5	1.55234	0.99386	0.64023	3000.05
6391	15	2	0.27506	0	2.5	17.5	17.5	1.24504	1.02078	0.66437	3000.05
6392	27.5	7.5	0.10836	55	10	2.5	15	1.36287	1.03894	0.60772	3000.05
6393	25	5	0.27506	32.5	7.5	10	20	1.68515	1.06987	0.61979	3000.05
6394	58	32.5	0.00834	0	0	0	2.5	4.54564	0.87335	0.33998	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6395	42.5	22.5	0.01084	0	0	5	2.5	4.54564	0.87335	0.33998	3000.05
6396	42.5	22.5	0.01084	0	0	5	2.5	4.54564	0.87335	0.33998	3000.05
6397	22.5	2.5	0.33341	45	5	10	17.5	1.66852	1.09322	0.65464	3000.05
6398	32.5	12.5	0.09169	2.5	2.5	2.5	7.5	3.56186	0.88633	0.38445	3000.05
6399	37.5	15	0.03334	2.5	2.5	7.5	15	3.56186	0.88633	0.38445	3000.05
6400	20.5	4.5	0.33341	2.5	2.5	17.5	30	1.52513	1.04064	0.68285	3000.05
6401	25	7.5	0.33341	2.5	5	25	25	1.77285	1.01879	0.67233	3000.05
6402	20	5	0.33341	0	0	22.5	30	1.65603	0.99485	0.69139	3000.05
6403	20	5	0.33341	55	5	10	7.5	1.98148	1.02812	0.88933	3000.05
6404	45	20	0.10836	7.5	5	0	5	2.684	0.92102	0.42128	3000.05
6405	27.5	7.5	0.33341	7.5	7.5	27.5	27.5	1.61274	1.0628	0.82828	3000.05
6406	17.5	3	1.08358	17.5	8	2.5	49.5	1.58741	1.02675	0.62987	3000.05
6407	20	2.5	0.10836	2.5	5	22.5	25	1.27608	1.03182	0.63563	3000.05
6408	25	5	0.33341	5	7.5	27.5	30	1.21239	0.99631	0.64432	3000.05
6409	20.5	3	0.27506	10	7.5	37.5	30	0.69272	1.19502	0.65853	3000.05
6410	30	5	0.33341	62.5	7.5	5	7.5	1.76111	1.0243	0.69585	3000.05
6411	30	5	0.33341	62.5	7.5	5	7.5	1.76111	1.0243	0.69585	3000.05
6412	52.5	32.5	0.03543	0	0	0	2.5	3.60172	0.93798	0.3537	3000.05
6413	35	15	0.03334	0	0	10	27.5	0.92007	1.15446	0.59877	3000.05
6414	35	15	0.03334	0	0	10	27.5	0.92007	1.15446	0.59877	3000.05
6415	35	15	0.03334	0	0	10	27.5	0.92007	1.15446	0.59877	3000.05
6416	20	5	0.33341	7.5	0	22.5	35	1.58472	1.05619	0.69295	3000.05
6417	20	5	0.33341	7.5	0	22.5	35	1.58472	1.05619	0.69295	3000.05
6418	20	2.5	0.33341	10	5	20	27.5	2.34622	1.01106	0.89593	3000.05
6419	25	7.5	0.27506	2.5	7.5	27.5	5	1.01892	1.05092	0.62042	3000.05
6420	50	25.5	0.03334	0	0	5	10	3.12416	0.90867	0.37271	3000.05
6421	50	25.5	0.03334	0	0	5	10	3.12416	0.90867	0.37271	3000.05
6422	20	2.5	0.33341	47.5	10	10	17.5	1.28918	1.06409	0.73542	3000.05
6423	47.5	25	0.0025	10	5	5	7.5	4.24491	0.8959	0.34219	3000.05
6424	47.5	25	0.01084	0	0	5	7.5	3.07641	0.92996	0.35482	3000.05
6425	47.5	25	0.01084	0	0	5	7.5	3.07641	0.92996	0.35482	3000.05
6426	47.5	25	0.01084	0	0	5	7.5	3.07641	0.92996	0.35482	3000.05
6427	17.5	2.5	0.10836	0	0	7.5	35	1.55288	1.01018	0.63121	3000.05
6428	30	12.5	0.33341	27.5	5	7.5	25	1.00954	1.03802	0.63327	3000.05
6429	30	12.5	0.33341	27.5	5	7.5	25	1.00954	1.03802	0.63327	3000.05
6430	30	5	0.10836	57.5	5	2.5	12.5	1.33546	1.0274	0.61313	3000.05
6431	25	5	0.33341	10	2.5	12.5	35	1.12773	1.12729	0.57113	3000.05
6432	22.5	3.5	0.33341	0	0	22.5	30	1.36261	1.06436	0.61005	3000.05
6433	25	2.5	0.10836	10	5	22.5	20	0.99547	1.06204	0.59508	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6434	45	25	0.03334	0	0	5	15	4.05827	0.92576	0.34273	3000.05
6435	45	17.5	0.10836	2.5	0	5	12.5	4.10796	0.8787	0.34846	3000.05
6436	45	17.5	0.10836	2.5	0	5	12.5	4.10796	0.8787	0.34846	3000.05
6437	45	17.5	0.10836	2.5	0	5	12.5	4.10796	0.8787	0.34846	3000.05
6438	47.5	13	0.03334	2.5	0	3.5	4	4.10796	0.8787	0.34846	3000.05
6439	40	18.5	0.02751	10	5	2.5	5	3.87174	0.89934	0.35036	3000.05
6440	40	18.5	0.02751	10	5	2.5	5	3.87174	0.89934	0.35036	3000.05
6441	40	18.5	0.02751	10	5	2.5	5	3.87174	0.89934	0.35036	3000.05
6442	25	2.5	0.10836	5	0	10	27.5	1.55088	1.0496	0.71563	3000.05
6443	37.5	3	0.10836	32.5	5	7.5	10	1.24188	1.06833	0.6436	3000.05
6444	20	2.5	0.33341	0	0	22.5	30	1.26226	1.04154	0.70183	3000.05
6445	25	5	0.33341	42.5	5	10	12.5	1.64451	1.02588	0.73704	3000.05
6446	44.5	22	0.10836	27.5	7.5	2.5	5	3.59302	0.87292	0.31712	3000.05
6447	20	2.5	0.33341	0	0	2.5	37.5	1.24396	1.04541	0.62645	3000.05
6448	27.5	7.5	0.33341	20	15	15	20	1.7602	1.00205	0.65209	3000.05
6449	25	5	0.10836	10	2.5	12.5	10	1.15234	1.02907	0.58016	3000.05
6450	22.5	5	0.33341	0	2.5	17.5	37.5	1.53431	1.01577	0.65151	3000.05
6451	25	7.5	0.10836	32.5	7.5	17.5	15	1.81348	1.01253	0.6426	3000.05
6452	25	7.5	0.10836	32.5	7.5	17.5	15	1.81348	1.01253	0.6426	3000.05
6453	25	7.5	0.10836	32.5	7.5	17.5	15	1.81348	1.01253	0.6426	3000.05
6454	25	7.5	0.10836	32.5	7.5	17.5	15	1.81348	1.01253	0.6426	3000.05
6455	42.5	22.5	0.01084	0	0	2.5	7.5	3.59798	0.93066	0.31069	3000.05
6456	42.5	22.5	0.01084	0	0	2.5	7.5	3.59798	0.93066	0.31069	3000.05
6457	42.5	22.5	0.01084	0	0	2.5	7.5	3.59798	0.93066	0.31069	3000.05
6458	42.5	22.5	0.01084	0	0	2.5	7.5	3.59798	0.93066	0.31069	3000.05
6459	55	29	0.0025	0	0	5	5	4.01161	0.86812	0.30115	3000.05
6460	47.5	25	0.01084	0	0	2.5	10	4.01161	0.86812	0.30115	3000.05
6461	50	22.5	0.03334	2.5	2.5	2.5	15	3.83686	0.92672	0.39937	3000.05
6462	25	5	0.33341	5	0	20	30	2.30211	0.96856	0.40865	3000.05
6463	25	5	0.33343	5	0	20	30	2.30211	0.96856	0.40865	3000.05
6464	20	2.5	0.33341	0	0	35	30	1.13799	1.02335	0.67582	3000.05
6465	25	2.5	1.08358	35	10	17.5	12.5	2.23478	0.99305	0.76631	3000.05
6466	25	5	0.33341	5	5	10	37.5	1.46544	1.0438	0.63334	3000.05
6467	25	5	0.33341	5	5	10	37.5	1.46544	1.0438	0.63334	3000.05
6468	32.5	10	0.10836	2.5	2.5	12.5	2.5	2.81958	0.91043	0.38269	3000.05
6469	32.5	10	0.10836	2.5	2.5	12.5	2.5	2.81958	0.91043	0.38269	3000.05
6470	32.5	10	0.10836	2.5	2.5	12.5	2.5	2.81958	0.91043	0.38269	3000.05
6471	32.5	10	0.10836	2.5	2.5	12.5	2.5	2.81958	0.91043	0.38269	3000.05
6472	22.5	2.5	0.33341	50	10	10	7.5	2.04531	0.98798	0.8341	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6473	20	2.5	0.27506	2.5	2.5	12.5	55	1.83852	1.03677	0.62653	3000.05
6474	20	2.5	0.27506	2.5	2.5	12.5	55	1.83852	1.03677	0.62653	3000.05
6475	25	3.5	0.33341	2.5	5	20	32.5	1.50984	1.03885	0.70655	3000.05
6476	33.5	15.5	0.02751	1	3	26	27.5	4.65869	0.9305	0.32438	3000.05
6477	60	35	0.1063	42.5	15	7.5	2.5	3.53424	0.93135	0.26132	3000.05
6478	60	35	0.1063	42.5	15	7.5	2.5	3.53424	0.93135	0.26132	3000.05
6479	32.5	12.5	0.03334	0	2.5	5	20	3.24094	0.89229	0.36816	3000.05
6480	22.5	7.5	0.33341	0	5	40	20	1.68387	1.00451	0.68685	3000.05
6481	25	7.5	0.10836	2.5	2.5	5	27.5	1.68387	1.00451	0.68685	3000.05
6482	45	15	0.10836	0	0	2.5	10	3.15554	0.94342	0.36019	3000.05
6483	25	2.5	0.33341	0	10	15	20	2.04237	0.99448	0.73424	3000.05
6484	25	5	0.33341	0	10	15	20	2.04237	0.99448	0.73424	3000.05
6485	25	5	0.33341	0	10	15	20	2.04237	0.99448	0.73424	3000.05
6486	20	5	0.33341	5	5	10	32.5	1.72494	0.99916	0.71454	3000.05
6487	40	20	0.03334	5	2.5	17.5	5	3.03009	0.90232	0.37281	3000.05
6488	27.5	7.5	0.33341	32.5	5	15	17.5	1.51412	1.04195	0.64708	3000.05
6489	52.5	27.5	0.01084	2.5	0	5	17.5	2.66495	0.90108	0.36491	3000.05
6490	52.5	32.5	0.01084	7.5	1	4	3	4.06881	0.87252	0.28394	3000.05
6491	22.5	3.5	0.33341	2.5	0	2.5	60	1.49184	1.03611	0.66894	3000.05
6492	22.5	2.5	0.33341	17.5	32.5	12.5	15	1.60107	0.99078	0.70935	3000.05
6493	35	12	0.03334	0	0	2.5	0	3.58088	0.89418	0.31291	3000.05
6494	20	5	0.33071	0	2.5	17.5	37.5	1.61283	1.07065	0.74803	3000.05
6495	20.5	3.5	0.33341	35	0	2.5	30	1.74979	1.00426	0.63889	3000.05
6496	20.5	3.5	0.33341	35	0	2.5	30	1.74979	1.00426	0.63889	3000.05
6497	15	15	0.10831	25	12.5	12.5	15	2.06469	0.97188	0.41942	3000.05
6498	20	2.5	0.33341	5	7.5	27.5	17.5	0.67506	1.14371	0.61278	3000.05
6499	20	2.5	0.33341	5	7.5	27.5	17.5	0.67506	1.14371	0.61278	3000.05
6500	25	2.5	0.33341	10	2.5	27.5	17.5	1.65448	0.96942	0.66049	3000.05
6501	30	7.5	0.10836	10	2.5	7.5	22.5	0.91121	1.08721	0.63393	3000.05
6502	22.5	2.5	0.33341	0	2.5	32.5	30	1.27716	1.04052	0.6225	3000.05
6503	50	27.5	0.03334	0	0	0	2.5	4.48385	0.90044	0.33076	3000.05
6504	50	27.5	0.03334	0	0	0	2.5	4.48385	0.90044	0.33076	3000.05
6505	50	27.5	0.03334	0	0	0	2.5	4.48385	0.90044	0.33076	3000.05
6506	50	27.5	0.03334	0	0	0	2.5	4.48385	0.90044	0.33076	3000.05
6507	50	27.5	0.03334	0	0	0	2.5	4.48385	0.90044	0.33076	3000.05
6508	50	27.5	0.03334	0	0	0	2.5	4.48385	0.90044	0.33076	3000.05
6509	25	2.5	0.33341	0	0	17.5	35	1.49501	1.0238	0.60356	3000.05
6510	49.5	32.5	0.03334	1	1	5.5	34.5	3.09551	0.87153	0.39852	3000.05
6511	35	10	0.10836	10	0	5	42.5	0.7591	1.05488	0.59016	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6512	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6513	21.5	5	0.27506	2.5	10	17.5	20	1.89028	1.0873	0.66649	3000.05
6514	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6515	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6516	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6517	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6518	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6519	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6520	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6521	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6522	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6523	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6524	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6525	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6526	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6527	20	3.5	0.10836	12.5	0	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6528	20	3	0.33341	10	2.5	22.5	27.5	1.89028	1.0873	0.66649	3000.05
6529	50	30	0.01084	35	7.5	5	5	4.15814	0.94574	0.27341	3000.05
6530	50	30	0.01084	35	7.5	5	5	4.15814	0.94574	0.27341	3000.05
6531	50	30	0.01084	35	7.5	5	5	4.15814	0.94574	0.27341	3000.05
6532	40	20	0.10836	5	0	0	20	2.56414	0.91803	0.39486	3000.05
6533	55	27.5	0.03543	0	0	2.5	0	3.36777	0.8736	0.24601	3000.05
6534	32.5	12.5	0.33343	47.5	2.5	10	15	2.10084	0.92935	0.41494	3000.05
6535	47.5	20	0.01084	5	2.5	5	7.5	2.90742	0.91251	0.35663	3000.05
6536	27.5	10	0.10836	67.5	5	2.5	10	0.98438	1.04126	0.58911	3000.05
6537	22.5	2.5	1.08358	0	0	27.5	45	1.68481	1.08465	0.84502	3000.05
6538	30	7.5	0.10836	5	2.5	15	20	1.12342	1.03665	0.58268	3000.05
6539	25	2.5	0.33341	0	0	20	30	1.35823	1.01722	0.64542	3000.05
6540	20	3.5	0.33341	2.5	5	22.5	32.5	1.69884	0.99714	0.65003	3000.05
6541	50	25	0.0025	2.5	0	2.5	10	2.87543	0.90885	0.23907	3000.05
6542	22.5	2.5	0.33341	10	2.5	22.5	25	1.30304	1.07505	0.62795	3000.05
6543	35	7.5	0.10836	10	2.5	17.5	10	0.97006	1.0767	0.58477	3000.05
6544	50	25	0.01087	57.5	7.5	2.5	5	3.6166	0.9154	0.34673	3000.05
6545	53	30	0.03334	1	1.5	2.5	10	3.56249	0.87421	0.23591	3000.05
6546	35	15	0.10836	22.5	5	10	25	0.96133	1.03875	0.58541	3000.05
6547	30	7.5	0.10836	2.5	5	30	25	1.08374	1.14795	0.57382	3000.05
6548	44.5	22	0.10836	25	12.5	5	22.5	3.13166	0.86874	0.32419	3000.05
6549	40	20	0.03334	0	0	2.5	10	4.07623	0.90639	0.35232	3000.05
6550	40	18.5	0.10836	0	0	2.5	10	4.07623	0.90639	0.35232	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6551	40	20	0.03334	0	0	2.5	10	4.07623	0.90639	0.35232	3000.05
6552	47.5	30	0.10836	0	0	0	2.5	4.07623	0.90639	0.35232	3000.05
6553	27.5	7.5	0.33341	27.5	5	25	15	1.49052	1.0203	0.66211	3000.05
6554	22.5	7.5	0.10836	1	0	9	22	0.9915	1.0599	0.58011	3000.05
6555	27.5	2.5	0.33343	25	10	7.5	25	1.66694	1.04106	0.77291	3000.05
6556	27.5	2.5	0.33343	25	10	7.5	25	1.66694	1.04106	0.77291	3000.05
6557	17.5	2	0.33341	0	2.5	25	42.5	1.95224	0.98383	0.66179	3000.05
6558	30	12.5	0.03334	20	17.5	20	5	1.07021	1.09122	0.57613	3000.05
6559	25	7.5	0.10836	32.5	5	15	22.5	2.33541	1.3252	0.59054	3000.05
6560	20	2.5	0.33341	32.5	5	15	15	1.84456	1.0192	0.7279	3000.05
6561	20	2.5	0.33341	25	12.5	17.5	22.5	1.84456	1.0192	0.7279	3000.05
6562	19.5	2	1.08358	0	2.5	2.5	77.5	1.25283	1.06114	0.73612	3000.05
6563	22.5	2.5	0.33341	5	7.5	32.5	20	1.76103	1.01583	0.74307	3000.05
6564	22.5	7.5	0.33341	12.5	5	17.5	22.5	1.67623	0.9859	0.73211	3000.05
6565	22.5	7.5	0.33341	12.5	5	17.5	22.5	1.67623	0.9859	0.73211	3000.05
6566	56.5	30	0.10836	5	5	2.5	12.5	4.24129	0.87213	0.33935	3000.05
6567	45	22.5	0.01084	0	2.5	2.5	7.5	4.1615	0.90737	0.33452	3000.05
6568	25	2.5	0.10836	7.5	7.5	20	22.5	1.82225	0.95863	0.41362	3000.05
6569	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6570	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6571	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6572	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6573	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6574	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6575	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6576	45	24	0.08585	10	8.5	4	2.5	3.04424	0.91758	0.30587	3000.05
6577	45	20	0.03334	10	5	2.5	7.5	3.10373	0.88501	0.32358	3000.05
6578	44.5	22.5	0.03334	0	15	2.5	5	3.49193	0.89712	0.3495	3000.05
6579	17.5	2.5	0.10836	0	0	27.5	25	1.66468	1.01954	0.65426	3000.05
6580	27.5	7.5	0.33343	35	5	22.5	17.5	1.84349	1.03619	0.6824	3000.05
6581	53	30.5	0.10836	0	0	0	25	3.64658	0.89285	0.26512	3000.05
6582	53	30.5	0.10836	0	0	0	25	3.64658	0.89285	0.26512	3000.05
6583	53	30.5	0.10836	0	0	0	25	3.64658	0.89285	0.26512	3000.05
6584	53	30.5	0.10836	0	0	0	25	3.64658	0.89285	0.26512	3000.05
6585	22.5	2.5	0.10836	10	2.5	15	37.5	1.51577	1.05889	0.58842	3000.05
6586	27.5	7.5	0.10836	0	0	12.5	56.5	1.9902	0.93551	0.42367	3000.05
6587	20	3.5	0.33341	2.5	5	7.5	52.5	1.72767	1.03792	0.697	3000.05
6588	27.5	7.5	0.33341	60	0	7.5	15	1.21834	1.09183	0.56875	3000.05
6589	27.5	7.5	0.33341	60	0	7.5	15	1.21834	1.09183	0.56875	3000.05

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6590	47.5	20	0.10836	0	0	2.5	2.5	3.07405	0.90012	0.37675	3000.05
6591	42.5	15	0.10836	0	0	2.5	2.5	3.07405	0.90012	0.37675	3000.05
6592	50	22.5	0.10836	0	0	5	0	3.83653	0.8728	0.34758	3000.05
6593	50	22.5	0.10836	0	0	5	0	3.83653	0.8728	0.34758	3000.05
6594	47.5	20	0.1063	0	0	2.5	2.5	3.30834	0.89631	0.35248	3000.05
6595	44.5	23.5	0.03334	5	2.5	4	16	4.19224	0.87321	0.33634	3000.05
6596	44.5	23.5	0.03334	5	2.5	4	16	4.19224	0.87321	0.33634	3000.05
6597	44.5	23.5	0.03334	5	2.5	4	16	4.19224	0.87321	0.33634	3000.05
6598	20	3	1.08358	0	0	25	52.5	0.59581	1.10666	0.61297	3000.06
6599	21	5	1.08358	30	7.5	5	20	1.27456	1.0247	0.57619	3000.06
6600	42.5	20	0.01084	7.5	2.5	7.5	10	3.02564	0.91031	0.37361	3000.06
6601	42.5	20	0.01084	7.5	2.5	7.5	10	3.02564	0.91031	0.37361	3000.06
6602	42.5	20	0.01084	7.5	2.5	7.5	10	3.02564	0.91031	0.37361	3000.06
6603	54	25	0.10836	10	25	5	5	3.05799	0.89883	0.31972	3000.06
6604	54	25	0.10836	10	25	5	5	3.05799	0.89883	0.31972	3000.06
6605	27.5	10.5	0.03334	0	0	2.5	44.5	2.10696	1.01575	0.40048	3000.06
6606	20	2.5	0.33341	37.5	5	12.5	20	1.23358	1.07236	0.63713	3000.06
6607	20	2.5	0.33341	37.5	5	12.5	20	1.23358	1.07236	0.63713	3000.06
6608	20	2.5	0.33341	37.5	5	12.5	20	1.23358	1.07236	0.63713	3000.06
6609	20	2.5	0.33341	37.5	5	12.5	20	1.23358	1.07236	0.63713	3000.06
6610	50	25	0.01084	57.5	5	2.5	10	3.2182	0.96182	0.3629	3000.06
6611	25	5	0.10836	35	10	10	12.5	1.66309	1.08287	0.59332	3000.06
6612	25	5	0.10836	35	10	10	12.5	1.66309	1.08287	0.59332	3000.06
6613	25	5	0.10836	35	10	10	12.5	1.66309	1.08287	0.59332	3000.06
6614	27.5	5	0.33341	22.5	7.5	25	20	1.16337	1.09491	0.63384	3000.06
6615	22.5	5	0.27506	22.5	12.5	2.5	10	1.10595	1.06062	0.55237	3000.06
6616	17.5	2.5	0.33341	70	5	5	10	2.25354	1.05796	0.84677	3000.06
6617	50	30	0.01084	2.5	0	0	12.5	2.89873	0.8965	0.38076	3000.06
6618	50	30	0.01084	2.5	0	0	12.5	2.89873	0.8965	0.38076	3000.06
6619	42.5	20	0.01087	2.5	0	2.5	7.5	2.89873	0.8965	0.38076	3000.06
6620	20	2.5	0.33341	10	2.5	22.5	25	1.2679	1.05622	0.63006	3000.06
6621	20	2.5	0.33341	10	2.5	22.5	25	1.2679	1.05622	0.63006	3000.06
6622	20	2.5	0.33341	10	2.5	22.5	25	1.2679	1.05622	0.63006	3000.06
6623	55	25	0.10836	0	0	2.5	2.5	2.80527	0.88593	0.30578	3000.06
6624	50	15	0.03334	0	0	5	10	2.5149	0.98968	0.3613	3000.06
6625	50	15	0.03334	0	0	5	10	2.5149	0.98968	0.3613	3000.06
6626	32.5	12.5	0.10831	57.5	10	7.5	10	0.83361	1.07292	0.62855	3000.06
6627	47.5	25	0.01084	0	2.5	5	7.5	2.07666	0.93511	0.39952	3000.06
6628	30	12.5	0.10836	10	3.5	14	22.5	2.0819	0.93627	0.40707	3000.06

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6629	20	4	0.27506	0	0	17.5	20	1.91006	0.96132	0.3988	3000.06
6630	25	6.5	0.10836	17.5	5	12.5	25	1.16201	1.00082	0.59134	3000.06
6631	27.5	10	0.10836	10	5	15	25	1.09938	1.03253	0.57311	3000.06
6632	27.5	10	0.10836	10	5	15	25	1.09938	1.03253	0.57311	3000.06
6633	45	22.5	0.02751	2.5	2.5	0	20	2.76699	0.90388	0.35003	3000.06
6634	45	22.5	0.02751	2.5	2.5	0	20	2.76699	0.90388	0.35003	3000.06
6635	25	7.5	0.10836	5	10	10	17.5	0.91774	1.07244	0.57022	3000.06
6636	25	7.5	0.10836	5	10	10	17.5	0.91774	1.07244	0.57022	3000.06
6637	25	7.5	0.10836	5	10	10	17.5	0.91774	1.07244	0.57022	3000.06
6638	25	7.5	0.10836	5	10	10	17.5	0.91774	1.07244	0.57022	3000.06
6639	27.5	7.5	0.33341	52.5	5	15	12.5	1.43479	1.03359	0.59884	3000.06
6640	27.5	7.5	0.33341	52.5	5	15	12.5	1.43479	1.03359	0.59884	3000.06
6641	20	5	0.27506	55	5	10	10	1.08702	1.02093	0.56859	3000.06
6642	20	5	0.35433	37	18	10	14	2.28641	1.1363	0.80341	3000.06
6643	17.5	7.5	0.33341	10	5	25	25	1.17998	1.10946	0.5633	3000.06
6644	17.5	7.5	0.33341	10	5	25	25	1.17998	1.10946	0.5633	3000.06
6645	20	2.5	0.10836	5	0	22.5	32.5	1.10222	1.04122	0.63079	3000.06
6646	37.5	3	0.10836	10	5	12.5	15	1.1704	1.04544	0.64798	3000.06
6647	35	12.5	0.1063	30	2.5	10	25	0.89075	1.08104	0.58317	3000.06
6648	22.5	3.5	0.33341	0	2.5	5	45	1.38447	1.0901	0.65663	3000.06
6649	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6650	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6651	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6652	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6653	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6654	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6655	25	10	0.10836	32.5	5	7.5	27.5	0.77433	1.03687	0.59762	3000.06
6656	32.5	12.5	0.10836	0	0	0	5	1.72587	1.07305	0.71929	3000.06
6657	25	5	0.33341	32.5	5	12.5	20	1.79546	1.03842	0.64665	3000.06
6658	47.5	25	0.01084	12.5	0	0	5	1.964	0.94568	0.40128	3000.06
6659	25	5	0.10836	10	5	30	17.5	1.04481	1.0271	0.57602	3000.06
6660	20	2.5	0.33341	0	2.5	5	42.5	1.36284	1.03784	0.65228	3000.06
6661	45	24.5	0.03334	2.5	2.5	0	20	4.22962	0.90496	0.32738	3000.06
6662	42.5	22.5	0.03334	42.5	7.5	10	5	4.22962	0.90496	0.32738	3000.06
6663	20.5	3.5	0.33341	2.5	0	12.5	35	1.73419	0.99998	0.62925	3000.06
6664	50.5	26.5	0.03334	15	1	6.5	14.5	3.15894	0.86449	0.25908	3000.06
6665	20	2.5	0.10836	45	10	15	15	1.46298	1.04652	0.59	3000.06
6666	40	15	0.03334	10	5	0	7.5	3.60879	0.88366	0.29906	3000.06
6667	35	12.5	0.03334	10	10	10	22.5	0.6697	1.21327	0.58511	3000.06

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6668	30	10	0.10836	0	2.5	10	27.5	1.0497	1.03211	0.56136	3000.06
6669	22.5	2.5	0.33341	7.5	0	20	27.5	1.38716	1.08934	0.6613	3000.06
6670	45	27.5	0.0025	10	0	5	27.5	3.36524	0.93049	0.31729	3000.06
6671	47.5	29	0.01084	2.5	0	2.5	11	3.17944	0.8711	0.25428	3000.06
6672	27.5	7.5	0.33341	17.5	10	20	25	1.26784	1.02818	0.67431	3000.06
6673	47.5	23	0.02751	0	0	5	12.5	3.77108	0.87557	0.34116	3000.06
6674	47.5	23	0.02751	0	0	5	12.5	3.77108	0.87557	0.34116	3000.06
6675	47.5	23	0.02751	0	0	5	12.5	3.77108	0.87557	0.34116	3000.06
6676	27.5	7.5	0.10836	0	2.5	7.5	37.5	0.8548	1.066	0.52052	3000.06
6677	22.5	2.5	0.33341	27.5	5	20	17.5	1.39123	1.01271	0.59452	3000.06
6678	30	12.5	0.01084	22.5	7.5	2.5	15	3.76808	0.92257	0.29165	3000.06
6679	30	12.5	0.03334	15	2.5	5	7.5	3.94838	0.9526	0.54184	3000.06
6680	25	6.5	0.27506	15	5	20	30	1.53225	1.02989	0.64084	3000.06
6681	21	6	0.10836	7.5	5	7.5	30	1.92254	0.94255	0.41861	3000.06
6682	27.5	7.5	0.10836	50	7.5	12.5	10	1.52362	1.0891	0.57697	3000.06
6683	21.5	3.5	0.33341	0	0	3	16	2.27123	0.99492	0.79718	3000.06
6684	21.5	3.5	0.33341	0	0	3	16	2.27123	0.99492	0.79718	3000.06
6685	32.5	12.5	0.33341	2.5	2.5	20	37.5	0.99866	1.1782	0.58526	3000.06
6686	32.5	12.5	0.33341	2.5	2.5	20	37.5	0.99866	1.1782	0.58526	3000.06
6687	50	20	0.03334	0	2.5	2.5	7.5	3.03916	0.89393	0.35022	3000.06
6688	20	6	0.09169	22.5	5	10	12.5	0.91814	1.03939	0.55383	3000.06
6689	50.5	27.5	0.01084	2.5	22.5	2.5	5	3.15466	0.893	0.34814	3000.06
6690	25	2.5	0.33341	0	5	15	37.5	1.4184	1.0852	0.65306	3000.06
6691	25	10	0.10836	2.5	2.5	15	30	1.09649	1.03965	0.68204	3000.06
6692	52.5	30	0.0025	32.5	22.5	7.5	7.5	3.5618	0.8965	0.33609	3000.06
6693	40	18.5	0.10836	0	5	2.5	17.5	3.6454	0.88606	0.33224	3000.06
6694	20.5	5.5	1.08358	0	0	35	30	1.46212	1.00264	0.61764	3000.06
6695	22.5	2.5	0.33341	2.5	0	32.5	30	1.55947	1.06463	0.62796	3000.06
6696	25	2.5	0.33341	57.5	5	15	7.5	2.0585	1.01006	0.69887	3000.06
6697	22.5	2.5	0.33341	0	2.5	22.5	32.5	0.50436	1.18144	0.54551	3000.06
6698	30	12.5	0.10836	0	2.5	15	15	0.88768	1.07045	0.5758	3000.06
6699	52.5	30	0.03543	0	0	2.5	2.5	3.85951	0.89143	0.33579	3000.06
6700	52.5	30	0.01181	0	0	2.5	2.5	3.85951	0.89143	0.33579	3000.06
6701	47.5	22.5	0.03334	0	0	2.5	5	3.13871	0.94526	0.31392	3000.06
6702	47.5	22.5	0.03334	0	0	2.5	5	3.13871	0.94526	0.31392	3000.06
6703	47.5	22.5	0.03334	0	0	2.5	5	3.13871	0.94526	0.31392	3000.06
6704	47.5	27.5	0.03331	25	2.5	7.5	5	3.60064	0.88557	0.33453	3000.06
6705	35	12.5	0.10836	17.5	7.5	5	22.5	0.8911	1.07612	0.5463	3000.06
6706	47.5	27.5	0.01084	2.5	2.5	15	7.5	3.76277	0.90273	0.33432	3000.06

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6707	45	22.5	0.03334	10	2.5	7.5	5	3.76277	0.90273	0.33432	3000.06
6708	45	22.5	0.03334	10	2.5	7.5	5	3.76277	0.90273	0.33432	3000.06
6709	45	22.5	0.03334	10	2.5	7.5	5	3.76277	0.90273	0.33432	3000.06
6710	45	22.5	0.03334	10	2.5	7.5	5	3.76277	0.90273	0.33432	3000.06
6711	35	11.5	0.10836	0	0	5	45	1.13882	1.05909	0.55366	3000.06
6712	25	2.5	1.08358	32.5	5	15	20	1.54806	1.08218	0.64779	3000.06
6713	27.5	7.5	0.10836	62.5	5	7.5	5	1.4872	1.0654	0.63319	3000.06
6714	51.5	22	0.10836	10	0	10	17	3.05165	0.88045	0.22906	3000.06
6715	51.5	22	0.10836	10	0	10	17	3.05165	0.88045	0.22906	3000.06
6716	52.5	30	0.01087	10	5	2.5	5	3.01378	0.89949	0.31415	3000.06
6717	22.5	2.5	0.33341	2.5	10	22.5	35	1.92479	1.09448	0.62285	3000.06
6718	22.5	2.5	0.33341	2.5	10	22.5	35	1.92479	1.09448	0.62285	3000.06
6719	22.5	2.5	0.33341	2.5	10	22.5	35	1.92479	1.09448	0.62285	3000.06
6720	30	12.5	0.10836	10	5	17.5	27.5	0.64787	1.06834	0.54612	3000.06
6721	45	22.5	0.01084	0	2.5	2.5	15	3.95245	0.85807	0.33872	3000.06
6722	45	22.5	0.03334	10	2.5	7.5	5	2.89896	0.87871	0.31858	3000.06
6723	45	22.5	0.03334	10	2.5	7.5	5	2.89896	0.87871	0.31858	3000.06
6724	45	22.5	0.03334	10	2.5	7.5	5	2.89896	0.87871	0.31858	3000.06
6725	45	22.5	0.03334	10	2.5	7.5	5	2.89896	0.87871	0.31858	3000.06
6726	20	1.5	0.33341	0	0	5	62.5	0.94804	1.13604	0.79843	3000.06
6727	20	1.5	0.33341	0	0	5	62.5	0.94804	1.13604	0.79843	3000.06
6728	40	20	0.10836	15	5	2.5	7.5	2.27231	0.98638	0.37574	3000.06
6729	30	10	0.10836	12.5	5	10	12.5	0.77638	1.06971	0.54357	3000.06
6730	40	17.5	0.03334	2.5	5	2.5	5	2.37845	0.98483	0.34559	3000.06
6731	25	7.5	0.10836	27.5	10	10	20	1.37069	1.02095	0.61624	3000.06
6732	20	5	0.33341	2.5	0	32.5	30	1.42114	1.00082	0.63453	3000.06
6733	20	5	0.33341	2.5	0	32.5	30	1.42114	1.00082	0.63453	3000.06
6734	25	2.5	0.33341	20	5	27.5	17.5	1.3331	1.02978	0.67774	3000.06
6735	20.5	5	0.10836	5	7.5	6	21.5	1.46169	0.99223	0.61231	3000.06
6736	20.5	5	0.10836	5	7.5	6	21.5	1.46169	0.99223	0.61231	3000.06
6737	20.5	5	0.10836	5	7.5	6	21.5	1.46169	0.99223	0.61231	3000.06
6738	20.5	5	0.10836	5	7.5	6	21.5	1.46169	0.99223	0.61231	3000.06
6739	22.5	5	0.33341	30	10	10	22.5	1.46169	0.99223	0.61231	3000.06
6740	25	5	0.33341	37.5	22.5	17.5	12.5	1.46425	0.99349	0.612	3000.06
6741	30	12.5	0.03543	62.5	5	7.5	2.5	0.93873	1.14731	0.54459	3000.06
6742	55	27.5	0.01084	0	2.5	2.5	2.5	2.44634	0.93542	0.36532	3000.06
6743	30	5.5	0.33341	0	0	5	50	1.76709	1.04975	0.67101	3000.06
6744	30	5.5	0.33341	0	0	5	50	1.76709	1.04975	0.67101	3000.06
6745	30	5.5	0.33341	0	0	5	50	1.76709	1.04975	0.67101	3000.06

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6746	25	5	0.33341	40	5	5	17.5	1.57188	1.07034	0.70029	3000.06
6747	22.5	5	0.10836	0	0	12.5	57.5	2.23143	0.90966	0.344	3000.06
6748	25	7.5	0.33341	0	0	35	32.5	0.42791	1.22209	0.55285	3000.06
6749	30	12.5	0.10836	7.5	7.5	2.5	12.5	1.75678	0.94951	0.40229	3000.06
6750	0	0	1.08358	0	1	9	70	0.84082	1.12235	0.63939	3000.06
6751	35	10	0.10836	10	0	5	42.5	0.89819	1.04508	0.53043	3000.06
6752	35	10	0.10836	10	0	5	42.5	0.89819	1.04508	0.53043	3000.06
6753	27.5	4	0.27506	22.5	12.5	12.5	10	1.01389	1.08163	0.61525	3000.06
6754	25	2.5	0.10836	5	2.5	20	27.5	1.61375	0.99529	0.64612	3000.06
6755	25	2.5	0.10836	5	2.5	20	27.5	1.61375	0.99529	0.64612	3000.06
6756	25	2.5	0.10836	5	2.5	20	27.5	1.61375	0.99529	0.64612	3000.06
6757	25	2.5	0.10836	5	2.5	20	27.5	1.61375	0.99529	0.64612	3000.06
6758	32.5	12.5	0.10836	5	0	12.5	10	1.09523	1.08807	0.55595	3000.06
6759	32.5	12.5	0.10831	22.5	10	10	20	0.68933	1.08382	0.55614	3000.06
6760	30	12.5	0.33341	12.5	7.5	22.5	27.5	1.37001	1.00434	0.60807	3000.06
6761	48.5	24	0.10836	17.5	0	2.5	7	5.36914	0.91342	0.52498	3000.06
6762	27.5	7.5	0.10836	22.5	5	15	12.5	0.92674	1.06201	0.52569	3000.06
6763	27.5	7.5	0.10836	22.5	5	15	12.5	0.92674	1.06201	0.52569	3000.06
6764	22.5	5	0.27506	7.5	5	20	22.5	1.28209	1.06344	0.5878	3000.06
6765	25	3.5	0.10836	10	2.5	12.5	10	0.80387	1.05145	0.51617	3000.06
6766	25	5	0.27506	0	0	5	5	1.79825	1.07828	0.64414	3000.06
6767	25	2.5	0.33341	10	27.5	20	12.5	2.28325	1.07582	0.76369	3000.06
6768	40	22.5	0.03334	40	10	7.5	5	2.97143	0.9658	0.33061	3000.06
6769	37.5	17.5	0.03334	0	0	2.5	7.5	3.22087	0.89045	0.33785	3000.06
6770	28.5	8	0.10836	0	0	0	5	0.98178	0.9774	0.36106	3000.06
6771	25	7.5	0.33341	0	0	35	30	1.71313	1.06189	0.72784	3000.06
6772	25	7.5	0.33341	67.5	5	5	5	0.76732	1.0667	0.53248	3000.06
6773	20	5	0.33341	5	5	32.5	25	1.63307	1.00486	0.68096	3000.06
6774	30	7.5	0.10836	30	5	5	25	1.00483	1.14774	0.52714	3000.06
6775	20	7.5	0.33341	0	12.5	7.5	42.5	1.93855	1.00979	0.80627	3000.06
6776	37.5	20	0.01084	2.5	2.5	10	7.5	3.02917	0.95975	0.26323	3000.06
6777	35	20	0.03334	0	0	2.5	7.5	0.74566	1.04406	0.51152	3000.06
6778	33	9	0.10836	0	0	9	30.5	1.80567	1.00044	0.41279	3000.06
6779	35	15	0.03334	10	0	5	17.5	0.75026	1.07186	0.51442	3000.06
6780	35	15	0.03334	10	0	5	17.5	0.75026	1.07186	0.51442	3000.06
6781	25	3.5	0.33341	0	0	5	50	1.26844	1.03848	0.57134	3000.06
6782	20.5	5	0.10836	17.5	15	10	12.5	1.45578	1.00028	0.60683	3000.06
6783	20.5	5	0.10836	17.5	15	10	12.5	1.45578	1.00028	0.60683	3000.06
6784	20.5	5	0.10836	17.5	15	10	12.5	1.45578	1.00028	0.60683	3000.06

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6785	25	7.5	0.33071	62.5	5	7.5	5	1.45578	1.00028	0.60683	3000.06
6786	17.5	3	1.08358	2.5	2.5	30	42.5	1.16165	1.02945	0.6259	3000.06
6787	19	3	0.33341	10	2.5	25	39	1.66411	0.94799	0.41737	3000.06
6788	52.5	32	0.03334	3.5	7.5	11.5	20	2.98195	0.87987	0.25496	3000.06
6789	25	2.5	0.33341	2.5	2.5	27.5	27.5	1.47699	1.00217	0.60498	3000.06
6790	27.5	7.5	0.10836	37.5	5	10	20	0.80187	1.08398	0.51441	3000.06
6791	50	27.5	0.01084	2.5	0	5	5	1.73327	0.99518	0.38471	3000.06
6792	50	27.5	0.01084	2.5	0	5	5	1.73327	0.99518	0.38471	3000.06
6793	50	27.5	0.01084	2.5	0	5	5	1.73327	0.99518	0.38471	3000.06
6794	25	2.5	0.27165	65	12.5	2.5	5	1.02163	1.05476	0.63985	3000.07
6795	25	2.5	0.27165	65	12.5	2.5	5	1.02163	1.05476	0.63985	3000.07
6796	47.5	5	0.10836	0	2.5	2.5	10	1.65147	0.93853	0.40247	3000.07
6797	45	22.5	0.03334	2.5	2.5	7.5	7.5	2.72226	0.90242	0.33498	3000.07
6798	45	22.5	0.03334	2.5	2.5	7.5	7.5	2.72226	0.90242	0.33498	3000.07
6799	45	22.5	0.03334	2.5	2.5	7.5	7.5	2.72226	0.90242	0.33498	3000.07
6800	30	15	0.10836	5	10	10	35	0.89337	1.07941	0.52565	3000.07
6801	30	15	0.10836	5	10	10	35	0.89337	1.07941	0.52565	3000.07
6802	30	15	0.10836	5	10	10	35	0.89337	1.07941	0.52565	3000.07
6803	30	10	0.03334	0	0	10	40	0.88101	1.0532	0.5246	3000.07
6804	32.5	12.5	0.10836	0	0	35	7.5	0.88101	1.0532	0.5246	3000.07
6805	29.5	10.5	0.10836	17.5	2.5	0	42.5	1.75371	0.97413	0.3881	3000.07
6806	22.5	2.5	1.08358	30	7.5	22.5	17.5	1.47692	1.05161	0.6909	3000.07
6807	30	15	0.10831	0	2.5	2.5	25	0.75843	1.08361	0.50946	3000.07
6808	22.5	7.5	0.33343	0	5	15	20	2.0068	1.01737	0.72592	3000.07
6809	22.5	2.5	0.33341	20	15	25	12.5	1.64622	0.98728	0.64385	3000.07
6810	58	35	0.03334	32.5	0	0	12.5	2.99564	0.86106	0.24726	3000.07
6811	22.5	7.5	0.09169	2.5	2.5	20	32.5	1.8745	0.91223	0.35498	3000.07
6812	22.5	7.5	0.09169	2.5	2.5	20	32.5	1.8745	0.91223	0.35498	3000.07
6813	32.5	7.5	0.10836	12.5	5	20	20	0.69736	1.09193	0.50435	3000.07
6814	37.5	22.5	0.03334	2.5	7.5	2.5	31.5	2.8001	0.92717	0.3248	3000.07
6815	57.5	32.5	0.01084	0	0	0	2.5	2.7414	0.93699	0.32817	3000.07
6816	57.5	32.5	0.01084	0	0	0	2.5	2.7414	0.93699	0.32817	3000.07
6817	52.5	25	0.03334	0	0	5	5	2.7414	0.93699	0.32817	3000.07
6818	32.5	14	0.03334	5	0	5	55	0.72603	1.03033	0.32588	3000.07
6819	32.5	14	0.03334	5	0	5	55	0.72603	1.03033	0.32588	3000.07
6820	32.5	14	0.03334	5	0	5	55	0.72603	1.03033	0.32588	3000.07
6821	27.5	7.5	0.33343	22.5	5	10	35	1.74654	1.15883	0.7287	3000.07
6822	35	12.5	0.03334	0	2.5	15	35	0.70688	1.15631	0.49402	3000.07
6823	20	3.5	0.27506	20	2.5	17.5	37.5	1.33579	1.02155	0.5942	3000.07

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6824	22.5	5	0.33341	0	2.5	17.5	35	1.36272	1.02292	0.58732	3000.07
6825	22.5	5	0.33341	0	2.5	17.5	35	1.36272	1.02292	0.58732	3000.07
6826	22.5	5	0.33341	0	2.5	17.5	35	1.36272	1.02292	0.58732	3000.07
6827	55	22.5	0.01084	2.5	2.5	0	5	2.57785	0.91576	0.33303	3000.07
6828	55	22.5	0.01084	2.5	2.5	0	5	2.57785	0.91576	0.33303	3000.07
6829	25	9	0.10836	1	2	2.5	26.5	2.64264	1.06502	0.62579	3000.07
6830	25	9	0.10836	1	2	2.5	26.5	2.64264	1.06502	0.62579	3000.07
6831	25	9	0.10836	1	2	2.5	26.5	2.64264	1.06502	0.62579	3000.07
6832	27.5	5.5	0.10836	5	5	7.5	7.5	1.39705	1.08781	0.66841	3000.07
6833	47.5	22.5	0.03334	32.5	10	5	5	1.83665	0.92725	0.38349	3000.07
6834	22.5	2.5	0.33341	12.5	20	25	15	1.34198	1.0109	0.67101	3000.07
6835	27.5	8.5	0.09169	1.5	1	12.5	50	1.76709	1.00831	0.37347	3000.07
6836	27.5	8.5	0.09169	1.5	1	12.5	50	1.76709	1.00831	0.37347	3000.07
6837	27.5	8.5	0.09169	1.5	1	12.5	50	1.76709	1.00831	0.37347	3000.07
6838	27.5	8.5	0.09169	1.5	1	12.5	50	1.76709	1.00831	0.37347	3000.07
6839	27.5	8.5	0.09169	1.5	1	12.5	50	1.76709	1.00831	0.37347	3000.07
6840	27.5	6	0.10836	2.5	0	5	2.5	1.5623	1.07355	0.7196	3000.07
6841	45	20	0.01084	32.5	10	5	10	3.22554	0.94002	0.28435	3000.07
6842	32.5	10	0.03334	0	0	10	15	4.23288	0.98391	0.68505	3000.07
6843	25	5	0.33071	0	0	17.5	30	1.27829	1.05289	0.67029	3000.07
6844	25	5	0.33341	0	0	17.5	30	1.27829	1.05289	0.67029	3000.07
6845	25	5	0.33341	0	0	17.5	30	1.27829	1.05289	0.67029	3000.07
6846	22.5	2.5	0.10836	0	0	22.5	32.5	1.27829	1.05289	0.67029	3000.07
6847	32.5	15	0.10836	5	5	15	32.5	1.71942	1.0049	0.36938	3000.07
6848	22.5	2.5	0.10836	5	0	27.5	32.5	0.35229	1.16638	0.50836	3000.07
6849	20	3.5	0.10836	37.5	0	10	17.5	1.96984	0.97601	0.67597	3000.07
6850	20	1.5	0.10836	2.5	7.5	12.5	35	1.76919	1.00545	0.68494	3000.07
6851	27.5	5	0.33341	7.5	2.5	2.5	45	1.05115	1.01359	0.60555	3000.07
6852	22.5	7.5	0.10836	0	0	5	67.5	1.78596	0.92176	0.32857	3000.07
6853	27.5	10	0.03334	0	0	7.5	65	1.78596	0.92176	0.32857	3000.07
6854	25	7.5	0.33341	0	7.5	15	22.5	1.05597	1.0452	0.6236	3000.07
6855	50	22.5	0.01084	0	0	2.5	5	2.42593	0.91393	0.31072	3000.07
6856	50	20.5	0.08585	0	0	2.5	2.5	1.64424	1.01325	0.40337	3000.07
6857	25	5	0.10836	0	2.5	7.5	32.5	1.53605	1.02901	0.70816	3000.07
6858	30	7.5	0.10836	10	5	17.5	25	1.89395	0.94302	0.37644	3000.07
6859	55	15	0.10836	5	0	0	5	2.77716	0.92395	0.29612	3000.07
6860	30	15	0.03334	2.5	2.5	7.5	30	1.3455	1.00378	0.3836	3000.07
6861	20	2.5	0.33341	5	7.5	15	25	1.54778	1.07006	0.59509	3000.07
6862	25	5	0.33341	30	7.5	12.5	15	1.30168	1.0253	0.61444	3000.07

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6863	40	17.5	0.03334	0	0	5	20	4.98829	0.91594	0.43953	3000.07
6864	40	18.5	0.03334	0	0	5	20	4.98829	0.91594	0.43953	3000.07
6865	40	18.5	0.03334	0	0	5	20	4.98829	0.91594	0.43953	3000.07
6866	27.5	14	0.33341	10	2.5	6.5	33	1.9294	0.95872	0.41549	3000.07
6867	22.5	7.5	0.33341	5	8.5	9	22.5	1.00191	1.01795	0.54901	3000.07
6868	42.5	18.5	0.10836	0	0	2.5	7.5	4.92013	0.9354	0.43052	3000.07
6869	47.5	25	0.03334	0	2.5	0	10	2.51075	0.95207	0.32743	3000.07
6870	47.5	25	0.03334	0	2.5	0	10	2.51075	0.95207	0.32743	3000.07
6871	35	11	0.03334	0	2.5	2.5	7.5	1.70925	0.93221	0.36098	3000.07
6872	22.5	5	0.10836	0	0	0	12.5	1.11446	0.99071	0.37347	3000.07
6873	45	27.5	0.03543	20	7.5	5	5	1.43303	0.96039	0.37985	3000.07
6874	25	5	0.33341	0	2.5	20	27.5	1.58845	0.95451	0.37146	3000.07
6875	30	10	0.10836	27.5	5	7.5	15	1.36137	0.97016	0.37499	3000.07
6876	52.5	25	0.03334	0	0	2.5	7.5	2.50798	0.88835	0.32366	3000.07
6877	27.5	10	0.10836	0	0	15	25	0.90778	1.14987	0.54959	3000.08
6878	22.5	5	0.10836	5	5	15	20	1.25481	1.03477	0.65189	3000.08
6879	47.5	22.5	0.00236	25	10	0	7.5	2.36954	0.91659	0.37695	3000.08
6880	30	16.5	0.03334	10	5	2.5	27	2.88427	0.94987	0.23433	3000.08
6881	30	16.5	0.03334	10	5	2.5	27	2.88427	0.94987	0.23433	3000.08
6882	30	16.5	0.03334	10	5	2.5	27	2.88427	0.94987	0.23433	3000.08
6883	30	16.5	0.03334	10	5	2.5	27	2.88427	0.94987	0.23433	3000.08
6884	32.5	12.5	0.03334	12.5	0	17.5	20	0.74897	1.09139	0.58994	3000.08
6885	25	5	0.33341	2.5	2.5	15	40	1.09627	1.0596	0.60224	3000.08
6886	25	5	0.33341	2.5	2.5	15	40	1.09627	1.0596	0.60224	3000.08
6887	30	10	0.25839	32.5	40	5	7.5	1.48773	0.96417	0.40765	3000.08
6888	25	7.5	0.09169	0	2.5	10	20	1.35297	1.00858	0.608	3000.08
6889	27.5	10	0.10836	12.5	10	20	10	1.3693	1.03261	0.65842	3000.08
6890	25	2.5	0.10836	32.5	10	15	10	1.00412	1.07884	0.64659	3000.08
6891	25	2.5	0.10836	32.5	10	15	10	1.00412	1.07884	0.64659	3000.08
6892	40	15	0.01084	0	0	7.5	7.5	2.08589	0.92386	0.27874	3000.08
6893	20	2.5	0.10836	0	0	22.5	35	1.38718	1.01892	0.62166	3000.08
6894	20	5	0.33071	25	10	25	17.5	1.84976	1.00171	0.72231	3000.08
6895	40	17.5	0.03334	57.5	5	12.5	5	0.31645	1.23754	0.44397	3000.08
6896	35	15	0.10836	45	5	5	12.5	0.66371	1.10462	0.48341	3000.08
6897	65	45	0.01084	7.5	2.5	3.5	6.5	2.46807	0.97392	0.29696	3000.08
6898	65	45	0.01084	7.5	2.5	3.5	6.5	2.46807	0.97392	0.29696	3000.08
6899	27.5	9.5	0.10836	10	5	7.5	40	1.61169	0.9796	0.35864	3000.08
6900	27.5	9.5	0.10836	10	5	7.5	40	1.61169	0.9796	0.35864	3000.08
6901	45	25	0.10836	0	0	2.5	7.5	2.21956	0.91346	0.3268	3000.08

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6902	30	12.5	0.10836	2.5	0	5	20	4.2553	0.92643	0.51477	3000.08
6903	20	2.5	0.33341	12.5	0	15	27.5	2.1006	1.01997	0.71285	3000.08
6904	62.5	40	0.0025	1	4	0.5	12	1.56782	0.93976	0.35428	3000.08
6905	57.5	32.5	0.01084	0	0	0	5	1.57219	0.94175	0.35318	3000.08
6906	30	7.5	0.09169	25	5	7.5	20	0.63302	1.10794	0.6441	3000.08
6907	35	7.5	0.10836	30	5	7.5	10	4.67261	0.95562	0.57998	3000.08
6908	37.5	20	0.01084	2.5	5	7.5	15	0.90038	1.15398	0.55363	3000.08
6909	20	2.5	0.10836	32.5	5	22.5	10	1.06802	1.07599	0.34622	3000.08
6910	20	2.5	0.10836	32.5	5	22.5	10	1.06802	1.07599	0.34622	3000.08
6911	45	20	0.01084	0	0	5	12.5	1.22769	1.01596	0.37153	3000.08
6912	47.5	32.5	0.01084	5	0	5	2.5	3.03151	0.89632	0.2806	3000.08
6913	47.5	32.5	0.01084	5	0	5	2.5	3.03151	0.89632	0.2806	3000.08
6914	22.5	10	0.33341	2.5	5	15	22.5	1.85281	0.94304	0.31003	3000.08
6915	28.5	12.5	0.09169	0	2.5	13	47	1.80374	0.94254	0.29754	3000.08
6916	28.5	12.5	0.09169	0	2.5	13	47	1.80374	0.94254	0.29754	3000.08
6917	28.5	12.5	0.09169	0	2.5	13	47	1.80374	0.94254	0.29754	3000.08
6918	28.5	12.5	0.09169	0	2.5	13	47	1.80374	0.94254	0.29754	3000.08
6919	28.5	12.5	0.09169	0	2.5	13	47	1.80374	0.94254	0.29754	3000.08
6920	28.5	12.5	0.09169	0	2.5	13	47	1.80374	0.94254	0.29754	3000.08
6921	30	10	0.10836	40	7.5	7.5	20	1.14771	1.05443	0.60247	3000.08
6922	52	28	0.02751	0	0	2.5	12.5	2.13901	0.8973	0.29263	3000.08
6923	52	28	0.02751	0	0	2.5	12.5	2.13901	0.8973	0.29263	3000.08
6924	27.5	5	0.27506	0	0	7.5	52.5	1.38864	1.02991	0.6468	3000.08
6925	27.5	5	0.27506	0	0	7.5	52.5	1.38864	1.02991	0.6468	3000.08
6926	25	7.5	0.10836	2.5	2.5	20	30	1.26538	0.977	0.36706	3000.08
6927	25	5	0.33341	0	0	22.5	25	1.26923	0.98049	0.3659	3000.08
6928	25	5	0.33341	0	0	22.5	25	1.26923	0.98049	0.3659	3000.08
6929	25	5	0.33341	0	0	22.5	25	1.26923	0.98049	0.3659	3000.08
6930	50	25	0.01084	0	2.5	0	7.5	2.34054	0.91851	0.36274	3000.08
6931	25	9	0.10836	0	5	15	46	1.77643	1.00074	0.34796	3000.08
6932	25	9	0.10836	0	5	15	46	1.77643	1.00074	0.34796	3000.08
6933	47.5	25	0.02751	2.5	2.5	10	5	2.42654	0.9013	0.21044	3000.08
6934	22.5	5	0.33341	10	30	20	20	1.37228	1.02888	0.6025	3000.08
6935	20	2.5	0.33341	10	0	32.5	27.5	1.67292	1.04463	0.78212	3000.08
6936	35	15	0.03189	60	10	5	7.5	0.41893	1.14806	0.44957	3000.08
6937	40	15	0.10836	0	0	2.5	5	1.77348	0.95235	0.33513	3000.08
6938	50	22.5	0.10836	0	0	2.5	5	1.5899	0.96041	0.4194	3000.08
6939	42.5	25	0.03334	0	0	2.5	2.5	4.9931	0.93299	0.42588	3000.08
6940	22.5	2.5	0.33341	47.5	10	10	12.5	0.77448	1.1011	0.57155	3000.08

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6941	40	25	0.03334	2.5	2.5	0	5	1.9367	0.92745	0.29305	3000.08
6942	39	18	0.1063	20	7.5	12.5	10	1.75456	1.00425	0.3315	3000.08
6943	52.5	25	0.01084	0	0	2.5	7.5	2.0172	0.93462	0.26575	3000.08
6944	47.5	25	0.03334	2.5	5	5	7.5	2.79374	0.89588	0.29268	3000.08
6945	25	2.5	0.33341	15	5	7.5	32.5	1.4389	1.03411	0.70055	3000.08
6946	40	20	0.01084	0	2.5	2.5	10	2.08964	0.9077	0.30794	3000.08
6947	35	17.5	0.10831	25	12.5	17.5	20	2.20488	1.00028	0.30245	3000.08
6948	22.5	7.5	0.10836	55	7.5	7.5	15	1.88187	1.0721	0.66703	3000.08
6949	20	2.5	0.10836	0	5	2.5	35	1.63058	1.02619	0.78736	3000.08
6950	37.5	15	0.03331	57.5	5	5	2.5	1.24513	1.00913	0.35988	3000.08
6951	47.5	32.5	0.01084	5	2.5	2.5	10	1.94682	0.90712	0.2916	3000.08
6952	32.5	17.5	0.10836	2.5	2.5	20	12.5	1.37377	0.9906	0.33998	3000.08
6953	55	22	0.09169	0	0	2.5	2.5	2.31862	0.88445	0.27176	3000.08
6954	55	22	0.09169	0	0	2.5	2.5	2.31862	0.88445	0.27176	3000.08
6955	60	27.5	0.01084	0	0	2.5	2.5	2.08195	0.91259	0.27844	3000.08
6956	35	15	0.10836	7.5	0	5	42.5	0.88245	1.07357	0.52288	3000.08
6957	22.5	2.5	0.10831	2.5	0	0	50	1.64635	1.00467	0.66097	3000.08
6958	30	12.5	0.09169	7.5	5	7.5	17.5	1.69721	0.97906	0.32094	3000.08
6959	35	15	0.10836	25	10	5	2.5	1.35518	1.0551	0.34415	3000.08
6960	35	15	0.10836	25	10	5	2.5	1.35518	1.0551	0.34415	3000.08
6961	26	8	0.10836	0	1	4	44.5	1.67146	0.93725	0.37008	3000.08
6962	26	8	0.27506	0	0	5	44.5	1.67146	0.93725	0.37008	3000.08
6963	26	8	0.10836	0	1	4	44.5	1.67146	0.93725	0.37008	3000.08
6964	52.5	27.5	0.0025	0	0	5	0	1.97954	0.95208	0.26354	3000.09
6965	50	30	0.01084	0	10	2.5	13	0.18966	1.28665	0.2559	3000.09
6966	50	30	0.01084	0	10	2.5	13	0.18966	1.28665	0.2559	3000.09
6967	35	12.5	0.10831	5	2.5	22.5	22.5	1.59641	0.97757	0.33455	3000.09
6968	22.5	5	0.09169	0	1.5	12.5	52	1.86843	0.92645	0.42373	3000.09
6969	49.5	30	0.03334	2.5	2.5	5	10	1.17062	0.99592	0.28993	3000.09
6970	50	17.5	0.03334	2.5	0	5	10	1.51412	1.02315	0.32677	3000.09
6971	20	2	0.33341	0	2.5	14.5	48.5	1.34819	0.9769	0.36695	3000.09
6972	37.5	17.5	0.03331	10	2.5	5	12.5	3.85453	0.9534	0.43554	3000.09
6973	37.5	17.5	0.03331	10	2.5	5	12.5	3.85453	0.9534	0.43554	3000.09
6974	40	17.5	0.10836	5	2.5	2.5	5	3.85453	0.9534	0.43554	3000.09
6975	51	28.5	0.10836	2.5	0	7	4.5	0.97382	1.0188	0.34817	3000.09
6976	41	23.5	0.01084	2.5	2.5	3.5	26.5	1.76824	0.91733	0.26767	3000.09
6977	29	9.5	0.10836	2.5	0	14.5	36.5	1.34463	0.97949	0.31965	3000.09
6978	29	9.5	0.10836	2.5	0	14.5	36.5	1.34463	0.97949	0.31965	3000.09
6979	30	15	0.10836	2.5	0	5	35	0.98381	0.99108	0.37018	3000.09

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
6980	42.5	22.5	0.01084	5	2.5	2.5	5	2.06912	0.96549	0.2949	3000.09
6981	25	7.5	0.33341	47.5	5	15	10	1.57217	1.02216	0.64676	3000.09
6982	37	25.5	0.0025	1	1.5	2.5	32	1.44706	0.96931	0.338	3000.09
6983	31	15	0.10836	2.5	0	5	47	1.56334	0.95386	0.31324	3000.09
6984	51	23	0.10836	5	2.5	7.5	17.5	0.79343	1.04276	0.3362	3000.09
6985	32	13	0.10836	0	0	5	30	1.41991	0.96148	0.36521	3000.09
6986	26	8	0.10836	0	1	4	44.5	1.37225	0.94656	0.32589	3000.09
6987	26	8	0.10836	0	1	4	44.5	1.37225	0.94656	0.32589	3000.09
6988	26	8	0.10836	0	1	4	44.5	1.37225	0.94656	0.32589	3000.09
6989	26	8	0.10836	0	1	4	44.5	1.37225	0.94656	0.32589	3000.09
6990	26	8	0.10836	0	1	4	44.5	1.37225	0.94656	0.32589	3000.09
6991	26	8	0.10836	0	1	4	44.5	1.37225	0.94656	0.32589	3000.09
6992	43	18	0.01084	2.5	0	5	10	1.5242	0.92639	0.29437	3000.09
6993	39	16	0.03334	2.5	0	7.5	25	1.5242	0.92639	0.29437	3000.09
6994	27.5	9.5	0.10836	10	5	7.5	40	1.30242	0.96072	0.32366	3000.09
6995	25	5	0.33341	7.5	7.5	27.5	20	2.40093	1.01512	0.5616	3000.09
6996	53	18	0.10836	7.5	0	3	17	2.5817	0.91295	0.27113	3000.09
6997	20.5	5	0.33341	0	0	22.5	30	1.92944	0.9765	0.73116	3000.09
6998	35	18	0.10836	12.5	0	17.5	35	1.54303	1.02941	0.29485	3000.09
6999	30	11.5	0.10836	5	0	32	25.5	1.17683	0.9946	0.34643	3000.09
7000	30	11.5	0.10836	5	0	32	25.5	1.17683	0.9946	0.34643	3000.09
7001	30	11.5	0.10836	5	0	32	25.5	1.17683	0.9946	0.34643	3000.09
7002	30	11.5	0.10836	5	0	32	25.5	1.17683	0.9946	0.34643	3000.09
7003	57.5	22.5	0.10836	2.5	2.5	12.5	17	2.54175	0.87881	0.28865	3000.09
7004	57.5	22.5	0.10836	2.5	2.5	12.5	17	2.54175	0.87881	0.28865	3000.09
7005	35	15	0.03189	45	12.5	5	15	0.43761	1.13063	0.45459	3000.09
7006	35	15	0.03189	45	12.5	5	12.5	0.43761	1.13063	0.45459	3000.09
7007	25	10	0.33341	37.5	5	17.5	10	0.41759	1.19119	0.45589	3000.09
7008	50.5	26.5	0.01084	5	2.5	2.5	5	1.8133	0.95049	0.3324	3000.09
7009	50.5	26.5	0.01084	5	2.5	2.5	5	1.8133	0.95049	0.3324	3000.09
7010	42.5	22.5	0.03334	2.5	5	2.5	5	1.90918	0.93049	0.33614	3000.09
7011	27.5	13.5	0.10836	0	2.5	7.5	52.5	1.46412	0.93238	0.30655	3000.09
7012	32	13.5	0.10836	2.5	0	7.5	42.5	1.46412	0.93238	0.30655	3000.09
7013	55	32.5	0.01084	2.5	5	5	7.5	2.34376	0.89796	0.23901	3000.09
7014	40	17.5	0.03334	0	0	5	12.5	2.43322	0.89196	0.27379	3000.09
7015	40	17.5	0.03334	0	0	5	12.5	2.43322	0.89196	0.27379	3000.09
7016	52.5	37.5	0.02751	0	0	0	2.5	1.20301	0.95566	0.32763	3000.09
7017	42.5	20	0.01084	2.5	0	2.5	12.5	0.84383	1.00714	0.35725	3000.09
7018	42.5	20	0.01084	2.5	0	2.5	12.5	0.84383	1.00714	0.35725	3000.09

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7019	42.5	20	0.01084	2.5	0	2.5	12.5	0.84383	1.00714	0.35725	3000.09
7020	42.5	20	0.01084	2.5	0	2.5	12.5	0.84383	1.00714	0.35725	3000.09
7021	42.5	20	0.01084	2.5	0	2.5	12.5	0.84383	1.00714	0.35725	3000.09
7022	42.5	23	0.10836	12.5	2	2	5	1.08246	0.964	0.29779	3000.09
7023	27.5	12.5	0.10836	0	1	4	60	1.39911	0.99449	0.31234	3000.09
7024	33	14	0.10836	10	2.5	0	44.5	1.31576	1.01719	0.31401	3000.09
7025	42.5	20	0.01087	7.5	2.5	5	22.5	0.61258	1.05845	0.29948	3000.09
7026	55	32.5	0.01084	15	2.5	5	15	0.83862	1.02546	0.34674	3000.09
7027	47.5	25	0.0025	0	0	2.5	12.5	2.43693	0.89143	0.23378	3000.09
7028	35	17.5	0.10831	2.5	2.5	7.5	30	1.73824	0.91783	0.30354	3000.09
7029	40	23	0.01084	0	5	10	18.5	2.41715	0.87816	0.22888	3000.09
7030	27.5	10	0.27506	2.5	2.5	2.5	62.5	2.62163	0.9761	0.45776	3000.09
7031	47.5	25	0.03334	62.5	0	7.5	2.5	1.61406	0.94397	0.24566	3000.09
7032	25	7.5	0.10836	7.5	0	12.5	22.5	0.80549	1.00705	0.32289	3000.09
7033	25	7.5	0.10836	7.5	0	12.5	22.5	0.80549	1.00705	0.32289	3000.09
7034	25	7.5	0.10836	7.5	0	12.5	22.5	0.80549	1.00705	0.32289	3000.09
7035	25	7.5	0.10836	7.5	0	12.5	22.5	0.80549	1.00705	0.32289	3000.09
7036	25	7.5	0.10836	7.5	0	12.5	22.5	0.80549	1.00705	0.32289	3000.09
7037	27.5	11.5	0.10836	2.5	2.5	0	44.5	1.01377	1.02913	0.34007	3000.09
7038	45	15	0.10836	0	0	10	7.5	1.94517	0.8966	0.2345	3000.1
7039	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7040	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7041	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7042	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7043	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7044	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7045	59	23.5	0.10836	5	2.5	5	16.5	0.87013	1.03065	0.34734	3000.1
7046	42.5	22.5	0.01084	7.5	5	2.5	7.5	0.79436	1.08295	0.34414	3000.1
7047	30	15	0.03334	2.5	2.5	7.5	30	1.15924	0.99002	0.35145	3000.1
7048	39.5	20.5	0.03334	2.5	0	17.5	26	0.99907	1.03384	0.35033	3000.1
7049	25	2.5	0.33341	40	10	12.5	15	1.52898	1.03589	0.6667	3000.1
7050	25	2.5	0.33341	40	10	12.5	15	1.52898	1.03589	0.6667	3000.1
7051	25	2.5	0.33341	40	10	12.5	15	1.52898	1.03589	0.6667	3000.1
7052	25	2.5	0.33341	40	10	12.5	15	1.52898	1.03589	0.6667	3000.1
7053	25	2.5	0.33341	40	10	12.5	15	1.52898	1.03589	0.6667	3000.1
7054	50	25	0.03334	7.5	2.5	5	7.5	2.27318	0.90816	0.289	3000.1
7055	20.5	7	0.10836	2.5	5	7.5	45	1.17097	1.04432	0.56709	3000.1
7056	60.5	32.5	0.0025	0	0	5	10	1.05487	1.04793	0.32528	3000.1
7057	32.5	12.5	0.10836	2.5	5	20	25	0.82573	1.07202	0.55924	3000.1

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7058	32.5	12.5	0.10836	2.5	5	20	25	0.82573	1.07202	0.55924	3000.1
7059	65	22.5	0.33341	0	0	2.5	5	1.28317	0.93615	0.32106	3000.1
7060	31	15	0.10836	16	4.5	5	37	1.32563	0.95951	0.29575	3000.1
7061	31	15	0.10836	16	4.5	5	37	1.32563	0.95951	0.29575	3000.1
7062	31	15	0.10836	16	4.5	5	37	1.32563	0.95951	0.29575	3000.1
7063	50	25	0.01084	0	0	1	6.5	0.19896	1.22018	0.40764	3000.1
7064	50	25	0.01084	0	0	1	6.5	0.19896	1.22018	0.40764	3000.1
7065	50	25	0.01084	0	0	1	6.5	0.19896	1.22018	0.40764	3000.1
7066	35	15	0.10836	2.5	2.5	15	17.5	1.47146	0.9312	0.3252	3000.1
7067	35	15	0.10836	2.5	2.5	15	17.5	1.47146	0.9312	0.3252	3000.1
7068	30	10	0.10836	50	10	5	7.5	5.2971	1.01615	0.8142	3000.1
7069	35	15	0.03334	0	2.5	12.5	42.5	0.81964	1.0164	0.33332	3000.1
7070	34.5	15.5	0.10836	0	2.5	2.5	49.5	0.81964	1.0164	0.33332	3000.1
7071	34.5	15.5	0.10836	0	2.5	2.5	49.5	0.81964	1.0164	0.33332	3000.1
7072	46.5	25	0.03334	2.5	2.5	5	15	2.02678	0.90612	0.24833	3000.1
7073	46.5	25	0.03334	2.5	2.5	5	15	2.02678	0.90612	0.24833	3000.1
7074	46.5	25	0.03334	2.5	2.5	5	15	2.02678	0.90612	0.24833	3000.1
7075	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7076	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7077	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7078	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7079	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7080	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7081	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7082	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7083	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7084	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7085	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7086	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7087	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7088	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7089	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7090	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7091	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7092	30	12	0.10836	1	1	6.5	40.5	1.10654	0.98592	0.31368	3000.1
7093	30.5	11	0.10836	0	0	10	42.5	0.82644	1.00344	0.32219	3000.1
7094	27.5	9	0.01084	0	0	2.5	25	0.82644	1.00344	0.32219	3000.1
7095	55	32.5	0.01084	2.5	2.5	5	5	1.92398	0.92717	0.27329	3000.1
7096	50	33	0.0025	0	1	1.5	5	0.39031	1.1922	0.27297	3000.1

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7097	50	33	0.0025	0	1	1.5	5	0.39031	1.1922	0.27297	3000.1
7098	47.5	20	0.01084	15	5	5	7.5	1.11018	0.99539	0.32979	3000.1
7099	50	30	0.10836	2.5	0	11.5	2.5	0.9701	0.98925	0.33047	3000.1
7100	30.5	15	0.10836	2.5	0	5	42	1.34888	0.96203	0.27714	3000.1
7101	30.5	15	0.10836	2.5	0	5	42	1.34888	0.96203	0.27714	3000.1
7102	30.5	15	0.10836	2.5	0	5	42	1.34888	0.96203	0.27714	3000.1
7103	30.5	15	0.10836	2.5	0	5	42	1.34888	0.96203	0.27714	3000.1
7104	55	29	0.0025	10	20	10	5	1.29473	0.935	0.27882	3000.1
7105	55	30	0.01084	0	2.5	0	12.5	2.03288	0.95147	0.24781	3000.1
7106	52.5	27.5	0.0025	20	5	5	5	1.19588	0.97896	0.311	3000.1
7107	52.5	27.5	0.0025	20	5	5	5	1.19588	0.97896	0.311	3000.1
7108	35	15	0.10836	0	0	30	20	0.68926	1.13821	0.49838	3000.1
7109	45	27.5	0.01084	1	1	5.5	29.5	1.82721	0.97246	0.21371	3000.1
7110	47.5	15.5	0.01084	0	0	5	7.5	0.39567	1.19645	0.26911	3000.1
7111	26.5	14.5	0.03334	5	2.5	2.5	57	1.13276	0.97913	0.32515	3000.1
7112	47.5	25	0.01087	55	5	7.5	5	1.41496	0.99823	0.31019	3000.1
7113	55.5	30	0.03334	0	0	2.5	8	2.02439	0.88927	0.24784	3000.1
7114	42.5	18	0.03543	0	0	0	10	0.72467	1.02475	0.31706	3000.1
7115	30	14	0.10836	0	0	10	37	0.54608	1.06228	0.3063	3000.1
7116	48	26	0.01084	2.5	0	2.5	37.5	1.5284	0.87897	0.22951	3000.1
7117	32.5	13	0.10836	0	0	5	32	1.03921	0.97108	0.33079	3000.1
7118	47	21.5	0.02751	2.5	2.5	2.5	7.5	1.95798	0.89048	0.26372	3000.1
7119	32.5	12.5	0.10836	10	0	0	12.5	1.17967	0.96012	0.28528	3000.1
7120	42.5	20	0.01084	10	12.5	2.5	12.5	0.70257	1.03718	0.35127	3000.1
7121	42.5	20	0.01084	10	12.5	2.5	12.5	0.70257	1.03718	0.35127	3000.1
7122	42.5	20	0.01084	10	12.5	2.5	12.5	0.70257	1.03718	0.35127	3000.1
7123	42.5	20	0.01084	10	12.5	2.5	12.5	0.70257	1.03718	0.35127	3000.1
7124	42.5	20	0.01084	10	12.5	2.5	12.5	0.70257	1.03718	0.35127	3000.1
7125	42.5	20	0.01084	10	12.5	2.5	12.5	0.70257	1.03718	0.35127	3000.1
7126	40	22.5	0.00834	0	0	8	57	1.57022	0.97871	0.26689	3000.1
7127	37	18	0.01084	0	0	12.5	27.5	1.57022	0.97871	0.26689	3000.1
7128	45	20	0.03334	7.5	5	2.5	10	0.79798	1.00714	0.33605	3000.1
7129	30	7.5	0.10836	60	5	2.5	5	5.48997	0.96378	0.71714	3000.1
7130	30	14.5	0.10836	5	5	7.5	30	0.76503	1.03634	0.33545	3000.1
7131	30	14.5	0.10836	5	5	7.5	30	0.76503	1.03634	0.33545	3000.1
7132	47.5	27.5	0.01084	0	0	2.5	10	0.35491	1.15694	0.2999	3000.1
7133	47.5	27.5	0.01084	0	0	2.5	10	0.35491	1.15694	0.2999	3000.1
7134	47.5	25	0.01084	2.5	0	2.5	12.5	1.84153	0.92914	0.36775	3000.1
7135	60	20	0.0025	0	0	2.5	0	1.54454	0.9972	0.28857	3000.1

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7136	31.5	10.5	0.03334	5	0	2.5	0	0.9456	1.02499	0.33635	3000.1
7137	52.5	32.5	0.01084	2.5	2.5	10	20	1.55305	0.90255	0.21727	3000.1
7138	52.5	32.5	0.01084	2.5	2.5	10	20	1.55305	0.90255	0.21727	3000.1
7139	25	7.5	0.10836	20	5	5	15	5.08617	0.9302	0.56112	3000.1
7140	32.5	18	0.10836	2.5	0	5	42.5	1.03269	0.98897	0.34163	3000.1
7141	25	2.5	0.33343	7.5	5	30	25	1.61086	1.00203	0.62967	3000.1
7142	42.5	20	0.01084	7.5	2.5	7.5	10	0.69026	1.02142	0.31428	3000.1
7143	42.5	20	0.01084	7.5	2.5	7.5	10	0.69026	1.02142	0.31428	3000.1
7144	25	10	0.33341	0	0	17.5	40	1.252	1.1401	0.65074	3000.1
7145	60	37.5	0.01181	0	0	2.5	2.5	1.12825	0.98622	0.34169	3000.1
7146	20	2.5	1.08358	0	2.5	5	74.5	1.44957	1.1386	0.81876	3000.1
7147	35	12.5	0.03334	7.5	5	2.5	15	4.82547	0.95717	0.42395	3000.1
7148	32.5	10	0.01181	0	2.5	17.5	27.5	1.66911	0.94228	0.26682	3000.1
7149	45	22.5	0.0025	0	0	7.5	0	0.90531	0.95769	0.31793	3000.11
7150	54.5	31.5	0.01181	0	0	0	5	0.90531	0.95769	0.31793	3000.11
7151	29	14	0.03334	5	0	0	57.5	1.17205	1.01756	0.30481	3000.11
7152	33	16	0.10836	2.5	0	12.5	32	0.97209	0.98596	0.33509	3000.11
7153	27.5	12.5	0.10836	0	2.5	0	60	0.97209	0.98596	0.33509	3000.11
7154	27.5	12.5	0.10836	0	2.5	0	60	0.97209	0.98596	0.33509	3000.11
7155	27.5	12.5	0.10836	0	2.5	0	60	0.97209	0.98596	0.33509	3000.11
7156	27.5	7.5	0.03334	0.5	1.5	10.5	47.5	0.97209	0.98596	0.33509	3000.11
7157	27.5	7.5	0.03334	0.5	1.5	10.5	47.5	0.97209	0.98596	0.33509	3000.11
7158	47.5	25	0.10836	2.5	5	7.5	10	1.82856	0.91123	0.21512	3000.11
7159	50	25	0.01084	0	0	7.5	0	0.1431	1.26767	0.23531	3000.11
7160	37.5	21.5	0.03334	10	0	2.5	22.5	1.53565	0.94228	0.23973	3000.11
7161	32	14.5	0.10836	12.5	0	15	7.5	1.0479	0.99446	0.36831	3000.11
7162	55	34.5	0.01084	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7163	55	34.5	0.01084	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7164	55	34.5	0.01084	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7165	55	34.5	0.01084	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7166	55	34.5	0.01084	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7167	55	34.5	0.01084	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7168	55	34.5	0.01181	7.5	0	5	2.5	1.0422	0.97964	0.29704	3000.11
7169	42.5	20	0.01084	2.5	2.5	7.5	15	1.0422	0.97964	0.29704	3000.11
7170	42.5	20	0.01084	2.5	2.5	7.5	15	1.0422	0.97964	0.29704	3000.11
7171	31.5	13	0.03334	0	5	5	44.5	1.42334	0.92587	0.27738	3000.11
7172	42.5	22.5	0.0025	2.5	2.5	2.5	7.5	1.63669	0.9291	0.23353	3000.11
7173	30	10	0.01084	2.5	2.5	12.5	40	0.5221	1.05666	0.30953	3000.11
7174	55	27.5	0.03334	0	5	2.5	5	1.44973	0.9351	0.26438	3000.11

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7175	55	27.5	0.03334	0	5	2.5	5	1.44973	0.9351	0.26438	3000.11
7176	35	15	0.01084	0	0	2.5	7.5	4.05258	0.93996	0.45761	3000.11
7177	45	22.5	0.03334	17.5	5	5	2.5	2.00275	0.92964	0.26418	3000.11
7178	32.5	12.5	0.10836	30	5	10	17.5	0.91464	1.13749	0.51351	3000.11
7179	43.5	25	0.03334	2.5	2.5	0	30.5	1.86723	0.87035	0.24719	3000.11
7180	30	16.5	0.10836	5	1.5	3.5	34	1.68677	0.96826	0.26764	3000.11
7181	30	16.5	0.10836	5	1.5	3.5	34	1.68677	0.96826	0.26764	3000.11
7182	30	16.5	0.10836	5	1.5	3.5	34	1.68677	0.96826	0.26764	3000.11
7183	30	16.5	0.10836	5	1.5	3.5	34	1.68677	0.96826	0.26764	3000.11
7184	30	16.5	0.10836	5	1.5	3.5	34	1.68677	0.96826	0.26764	3000.11
7185	49	26.5	0.01084	0	0	2.5	5	1.50476	0.92496	0.27014	3000.11
7186	31	15	0.10836	2.5	0	5	47	1.36144	0.95951	0.27496	3000.11
7187	49.5	30	0.03334	2.5	2.5	5	10	1.26299	0.95506	0.31248	3000.11
7188	35	15	0.03334	0	17.5	17.5	17.5	0.63454	1.04031	0.34089	3000.11
7189	45	25	0.01084	50	10	0	5	0.95054	1.0447	0.28587	3000.11
7190	50	25	0.01084	2.5	0	0	2.5	1.16149	0.95953	0.28359	3000.11
7191	50	25	0.01084	2.5	0	0	2.5	1.16149	0.95953	0.28359	3000.11
7192	60	32.5	0.01084	0	0	2.5	12.5	0.17074	1.22874	0.24825	3000.11
7193	65	32.5	0.01084	0	0	5	10	1.75152	0.92143	0.24849	3000.11
7194	42.5	25	0.01084	2.5	2.5	5	12.5	0.94107	0.98525	0.31041	3000.11
7195	45	22.5	0.03334	2.5	5	5	5	0.94107	0.98525	0.31041	3000.11
7196	49.5	33	0.01084	5	0	0	31	1.66058	0.8909	0.22	3000.11
7197	45	20	0.10836	0	0	2.5	2.5	4.74933	0.9308	0.47352	3000.11
7198	45	20	0.10836	0	0	2.5	2.5	4.74933	0.9308	0.47352	3000.11
7199	55	32.5	0.03334	0	0	2.5	2.5	1.27426	0.93513	0.27533	3000.11
7200	55	32.5	0.03334	0	0	2.5	2.5	1.27426	0.93513	0.27533	3000.11
7201	55	32.5	0.03334	0	0	2.5	2.5	1.27426	0.93513	0.27533	3000.11
7202	55	25	0.01084	0	0	2.5	17.5	0.70718	1.14095	0.32804	3000.11
7203	35	15	0.10836	20	10	17.5	10	0.68818	1.03823	0.3443	3000.11
7204	30	13.5	0.10836	7.5	7.5	15	22.5	1.25308	1.02469	0.33308	3000.11
7205	45.5	24.5	0.03334	5	2.5	4	16	0.88343	0.9996	0.31393	3000.11
7206	45.5	24.5	0.03334	5	2.5	4	16	0.88343	0.9996	0.31393	3000.11
7207	40	21.5	0.01084	2.5	2.5	0	42	2.30201	0.91462	0.31923	3000.11
7208	20	4	0.33341	2.5	2.5	30	22	1.59754	1.01696	0.69163	3000.11
7209	30.5	14.5	0.10836	0	0	2.5	52	0.7203	1.01405	0.32714	3000.11
7210	30.5	14.5	0.10836	0	0	2.5	52	0.7203	1.01405	0.32714	3000.11
7211	35	15	0.10836	32.5	5	2.5	20	0.80613	1.09151	0.53736	3000.11
7212	32.5	14	0.03334	5	0	5	55	0.87958	1.00337	0.36513	3000.11
7213	40	17.5	0.03334	2.5	7.5	10	20	0.63509	1.09335	0.29982	3000.11

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7214	34.5	18	0.01084	2.5	2.5	10	30	0.97205	1.04064	0.29996	3000.11
7215	55	35	0.01084	52.5	7.5	2.5	7.5	0.76639	1.01155	0.30373	3000.11
7216	55	35	0.01084	52.5	7.5	2.5	7.5	0.76639	1.01155	0.30373	3000.11
7217	55	35	0.01084	52.5	7.5	2.5	7.5	0.76639	1.01155	0.30373	3000.11
7218	42.5	20	0.01087	5	0	2.5	7.5	1.68232	0.89847	0.26216	3000.11
7219	56	37.5	0.0025	5	0	0	15	1.68232	0.89847	0.26216	3000.11
7220	56	37.5	0.0025	5	0	0	15	1.68232	0.89847	0.26216	3000.11
7221	56	37.5	0.0025	5	0	0	15	1.68232	0.89847	0.26216	3000.11
7222	50	15	0.10836	0	0	2.5	7.5	0.48164	1.13048	0.29226	3000.11
7223	54	28	0.0025	0	0	5	5	1.07865	1.02111	0.26721	3000.11
7224	15	1	0.10836	32.5	5	10	15	1.20444	1.02539	0.67831	3000.11
7225	35	15.5	0.10836	0	0	2.5	37	1.27862	1.01971	0.35299	3000.11
7226	27.5	7.5	0.85853	10	2.5	17.5	20	0.71808	1.01776	0.34719	3000.11
7227	27.5	7.5	0.85853	10	2.5	17.5	20	0.71808	1.01776	0.34719	3000.11
7228	22.5	7.5	0.33341	5	2.5	27.5	30	1.92724	1.00525	0.70033	3000.11
7229	47.5	27.5	0.01075	2.5	0	2.5	0	0.60138	1.06856	0.30095	3000.11
7230	53	33	0.01087	5	2.5	7.5	2.5	0.69417	1.03855	0.35218	3000.11
7231	45	30	0.01084	2.5	0	7.5	10	0.53892	1.06944	0.31964	3000.12
7232	45	30	0.01084	2.5	0	7.5	10	0.53892	1.06944	0.31964	3000.12
7233	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7234	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7235	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7236	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7237	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7238	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7239	27.5	10.5	0.10836	0	2.5	20	32.5	0.53892	1.06944	0.31964	3000.12
7240	40	21.5	0.10836	5	0	7.5	17.5	0.58016	1.01606	0.30294	3000.12
7241	33	14	0.10836	10	2.5	0	44.5	1.04469	0.99659	0.2803	3000.12
7242	33	14	0.10836	10	2.5	0	44.5	1.04469	0.99659	0.2803	3000.12
7243	30	10	0.10836	0	0	15	42.5	0.53548	1.05527	0.32767	3000.12
7244	35	15	0.01084	0	0	15	35	0.53548	1.05527	0.32767	3000.12
7245	43	24	0.03334	2.5	0	2.5	15	1.29592	0.94568	0.25937	3000.12
7246	33	16.5	0.10836	2	0	10.5	32.5	1.08898	0.98937	0.27495	3000.12
7247	33	16.5	0.10836	2	0	10.5	32.5	1.08898	0.98937	0.27495	3000.12
7248	40	16.5	0.00834	0	2.5	0	5	1.16964	0.97252	0.24045	3000.12
7249	22.5	5	0.25839	0	0	27.5	35.5	0.91804	0.97999	0.23526	3000.12
7250	22.5	5	0.25839	0	0	27.5	35.5	0.91804	0.97999	0.23526	3000.12
7251	25	7.5	0.33341	5	2.5	22.5	25	2.13944	1.08437	0.68241	3000.12
7252	35	17.5	0.03334	55	5	12.5	5	1.24672	0.98081	0.26206	3000.12

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7253	35.5	20	0.10836	5	0	10	19.5	1.49798	1.01574	0.29932	3000.12
7254	35	15	0.10836	12.5	2.5	15	17.5	0.74564	1.01212	0.30804	3000.12
7255	52.5	30	0.01075	0	0	5	10	1.2051	1.02856	0.23591	3000.12
7256	50	22.5	0.01084	0	2.5	5	10	0.47935	1.06805	0.29702	3000.12
7257	50	22.5	0.01084	0	2.5	5	10	0.47935	1.06805	0.29702	3000.12
7258	60	32.5	0.01084	2.5	0	2.5	12.5	0.14167	1.24103	0.24367	3000.12
7259	42.5	20	0.09169	7.5	2.5	0	5	1.02746	0.98638	0.30057	3000.12
7260	50	30	0.01084	2.5	0	0	12.5	0.61268	1.00762	0.31848	3000.12
7261	45	25	0.01084	2.5	2.5	2.5	7.5	0.75069	1.04716	0.27271	3000.12
7262	30	10	0.10836	32.5	7.5	7.5	10	4.7584	0.93038	0.52079	3000.12
7263	32.5	14	0.10836	0	0	10	27.5	1.21887	0.9884	0.26939	3000.12
7264	45.5	22	0.03334	2.5	5	1	2.5	1.34626	0.99849	0.24233	3000.12
7265	37.5	15	0.10836	5	0	10	10	0.74734	0.99273	0.27796	3000.12
7266	50	30	0.03334	0	0	2.5	2.5	1.24501	0.98563	0.29062	3000.12
7267	47.5	27.5	0.01084	2.5	2.5	15	7.5	0.67983	1.01209	0.27511	3000.12
7268	27.5	7.5	0.33341	50	10	2.5	20	1.0465	1.05937	0.61048	3000.12
7269	27.5	7.5	0.33341	50	10	2.5	20	1.0465	1.05937	0.61048	3000.12
7270	27.5	10	0.10836	30	5	2.5	12.5	4.39994	0.94173	0.44205	3000.12
7271	22	7	0.10836	0	0	22.5	27.5	0.13662	1.25837	0.25517	3000.12
7272	27.5	7.5	0.25089	32.5	2.5	5	10	1.47251	0.99243	0.23276	3000.12
7273	37.5	17.5	0.10836	7.5	2.5	7.5	36	0.71273	1.01514	0.3082	3000.12
7274	40	20	0.01084	12.5	2.5	2.5	5	1.01532	0.94295	0.26971	3000.12
7275	32.5	12.5	0.10836	20	5	5	15	5.20673	0.98498	0.73339	3000.12
7276	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7277	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7278	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7279	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7280	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7281	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7282	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7283	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7284	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7285	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7286	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7287	35	15.5	0.10836	0	7.5	5	32	1.14193	1.03654	0.35188	3000.12
7288	47.5	22.5	0.01084	0	2.5	0	10	0.62201	1.06262	0.32694	3000.12
7289	25	5	0.33341	2.5	0	22.5	42.5	1.55721	1.02776	0.68824	3000.12
7290	25	5	0.33341	2.5	0	22.5	42.5	1.55721	1.02776	0.68824	3000.12
7291	55	35	0.01084	5	7.5	7.5	5	1.60157	0.93114	0.29642	3000.12

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7292	45	20	0.03334	15	5	5	10	0.97199	0.95579	0.27871	3000.12
7293	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7294	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7295	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7296	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7297	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7298	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7299	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7300	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7301	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7302	34	13	0.09169	0	0	0	12.5	0.672	1.04896	0.30789	3000.12
7303	47.5	25	0.01084	0	0	5	7.5	0.63773	1.0491	0.29634	3000.12
7304	42.5	20	0.01084	0	0	5	10	0.52313	1.10033	0.32441	3000.12
7305	37.5	17.5	0.03334	10	2.5	10	12.5	0.46835	1.07468	0.3162	3000.13
7306	45	20	0.03334	5	2.5	5	12.5	1.22514	0.97413	0.25787	3000.13
7307	20	2.5	0.10836	42.5	12.5	2.5	10	5.51351	1.0747	0.85164	3000.13
7308	35.5	21	0.10836	12.5	0	15	7.5	0.47286	1.09058	0.30259	3000.13
7309	57.5	27.5	0.01181	0	0	0	2.5	0.72955	1.05433	0.26743	3000.13
7310	53.5	35	0.0025	1	0	4	30	1.84148	0.93405	0.26231	3000.13
7311	28.5	9.5	0.10836	0	5	0	47.5	1.6813	0.94912	0.37604	3000.13
7312	50	22.5	0.01084	52.5	2.5	7.5	5	0.71398	1.02175	0.35522	3000.13
7313	50	22.5	0.01084	52.5	2.5	7.5	5	0.71398	1.02175	0.35522	3000.13
7314	35	17.5	0.01087	0	0	5	10	1.36757	1.01268	0.25661	3000.13
7315	35	12.5	0.01087	45	15	5	15	0.43568	1.06509	0.31211	3000.13
7316	37.5	17.5	0.01084	27.5	12.5	5	17.5	0.68461	1.0271	0.27194	3000.13
7317	37.5	18	0.01084	2.5	2.5	7.5	37.5	1.12172	0.98013	0.26005	3000.13
7318	57.5	30	0.01084	0	0	2.5	7.5	0.45603	1.09295	0.27696	3000.13
7319	42.5	20	0.01084	2.5	2.5	2.5	7.5	1.1826	0.99675	0.28769	3000.13
7320	45	22.5	0.03331	47.5	5	5	10	5.11788	1.00621	0.41282	3000.13
7321	32.5	14.5	0.09169	2.5	7.5	17.5	12.5	1.78849	0.9726	0.42526	3000.13
7322	40	23.5	0.01084	5	0	2.5	30	0.56242	1.04179	0.29383	3000.13
7323	40	20	0.01084	0	0	5	12.5	1.1247	0.94432	0.25794	3000.13
7324	50	26.5	0.00834	0	0	2.5	5	1.1247	0.94432	0.25794	3000.13
7325	47.5	25.5	0.03334	5	2.5	0	8	0.70949	1.0202	0.27283	3000.13
7326	47.5	25.5	0.03334	5	2.5	0	8	0.70949	1.0202	0.27283	3000.13
7327	47.5	25.5	0.03334	5	2.5	0	8	0.70949	1.0202	0.27283	3000.13
7328	47.5	25.5	0.03334	5	2.5	0	8	0.70949	1.0202	0.27283	3000.13
7329	58	35	0.0025	5	0	0	25	1.47402	0.97897	0.21825	3000.13
7330	45	22.5	0.01084	2.5	2.5	5	10	0.38186	1.08639	0.27737	3000.13

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7331	42.5	22.5	0.03334	7.5	0	7.5	5	0.43291	1.05703	0.25663	3000.13
7332	47.5	30	0.03334	0	0	0	2.5	1.13802	1.00749	0.30373	3000.13
7333	47.5	22.5	0.01084	0	0	2.5	7.5	0.24878	1.16545	0.25859	3000.13
7334	27.5	13.5	0.10836	0	2.5	7.5	52.5	1.19692	0.94433	0.26377	3000.13
7335	27.5	13.5	0.10836	0	2.5	7.5	52.5	1.19692	0.94433	0.26377	3000.13
7336	60	5	0.01084	0	0	5	5	0.34453	1.21483	0.48021	3000.13
7337	40	19	0.02751	5	5	20	15	0.69801	1.0228	0.2805	3000.13
7338	50.5	27.5	0.0025	0	0	2.5	5	0.80409	1.00279	0.26278	3000.13
7339	50.5	27.5	0.0025	0	0	2.5	5	0.80409	1.00279	0.26278	3000.13
7340	50.5	27.5	0.0025	0	0	2.5	5	0.80409	1.00279	0.26278	3000.13
7341	50.5	28.5	0.0025	0	0	2.5	7.5	0.77257	1.00583	0.23429	3000.13
7342	40	20	0.01084	0	0	5	2.5	0.93371	0.98786	0.25823	3000.13
7343	40	20	0.01084	0	0	5	2.5	0.93371	0.98786	0.25823	3000.13
7344	20	5	0.33341	0	2.5	10	47.5	2.71256	1.00985	0.75639	3000.14
7345	52.5	23	0.03334	2.5	2.5	5	5	0.74121	0.9993	0.2353	3000.14
7346	45	25	0.01084	0	2.5	0	5	0.91455	0.96636	0.27383	3000.14
7347	45	25	0.01084	0	2.5	0	5	0.91455	0.96636	0.27383	3000.14
7348	42.5	15	0.10836	0	0	0	2.5	4.63386	0.97505	0.44187	3000.14
7349	42.5	15	0.10836	0	0	0	2.5	4.63386	0.97505	0.44187	3000.14
7350	50	27.5	0.03334	0	0	0	2.5	0.90431	1.00741	0.2727	3000.14
7351	25	7.5	0.10836	57.5	5	2.5	7.5	5.57286	1.02372	0.87926	3000.14
7352	25	7.5	0.10836	57.5	5	2.5	7.5	5.57286	1.02372	0.87926	3000.14
7353	40	12.5	0.10831	22.5	7.5	15	22.5	1.43383	0.912	0.23398	3000.14
7354	47.5	25.5	0.03334	5	0	2.5	8.5	0.90152	0.97437	0.25554	3000.14
7355	47.5	25.5	0.03334	5	0	2.5	8.5	0.90152	0.97437	0.25554	3000.14
7356	22.5	5	0.33341	52.5	5	10	17.5	1.44346	1.04466	0.59944	3000.14
7357	45	20	0.03334	7.5	5	2.5	10	0.52019	1.07677	0.25682	3000.14
7358	40	19	0.01084	2.5	0	2.5	42.5	0.9299	0.96541	0.26491	3000.14
7359	45	17.5	0.10836	0	0	5	7.5	1.14067	1.02737	0.23336	3000.14
7360	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7361	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7362	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7363	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7364	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7365	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7366	51.5	20.5	0.10836	5	5	6	19	1.27745	0.94619	0.20637	3000.14
7367	32.5	15.5	0.10836	0	2.5	12.5	30	1.22166	0.96352	0.30019	3000.14
7368	55	32.5	0.01084	0	0	10	22.5	1.03478	0.98509	0.32793	3000.14
7369	32.5	12.5	0.03334	0	0	5	32	0.80812	0.97121	0.25994	3000.14

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7370	32.5	12.5	0.03334	0	0	5	32	0.80812	0.97121	0.25994	3000.14
7371	50	22.5	0.01084	0	0	2.5	5	0.40129	1.10155	0.24978	3000.14
7372	42.5	23	0.01084	2.5	2.5	7.5	22.5	0.36911	1.10144	0.27011	3000.14
7373	25	5	0.10836	0	2.5	5	27.5	1.76407	1.03255	0.69643	3000.14
7374	50	27.5	0.03543	0	0	0	2.5	0.72157	1.04179	0.22151	3000.14
7375	22.5	5	0.33341	0	0	22.5	30	0.5437	1.06605	0.32885	3000.14
7376	25	5	0.33341	47.5	5	10	10	5.61852	0.98191	0.83295	3000.14
7377	57.5	37.5	0.01084	0	0	2.5	10	0.3845	1.05061	0.22027	3000.14
7378	56.5	30	0.0025	0	0	5	10	0.3845	1.05061	0.22027	3000.14
7379	56.5	30	0.0025	0	0	5	10	0.3845	1.05061	0.22027	3000.14
7380	32.5	12.5	0.03334	7.5	2.5	12.5	22.5	0.36814	1.13387	0.30098	3000.14
7381	32.5	12.5	0.03334	7.5	2.5	12.5	22.5	0.36814	1.13387	0.30098	3000.14
7382	32.5	12.5	0.03334	7.5	2.5	12.5	22.5	0.36814	1.13387	0.30098	3000.14
7383	46	23	0.03543	0	5	10	5	1.18949	0.95922	0.23436	3000.14
7384	36	13.5	0.10836	1	0	15	30	0.66175	1.02391	0.23134	3000.14
7385	54.5	33.5	0.03334	2.5	2.5	2.5	18.5	0.31322	1.09003	0.21319	3000.14
7386	42.5	20	0.10836	0	0	0	2.5	4.64353	0.94321	0.46881	3000.15
7387	47.5	22.5	0.02751	0	2.5	0	15	0.70505	1.01232	0.21502	3000.15
7388	37	17.5	0.0025	0	2.5	7.5	30	0.66083	0.9841	0.21804	3000.15
7389	42.5	22.5	0.01084	2.5	0	5	7.5	0.73646	1.03079	0.21178	3000.15
7390	42.5	22.5	0.01084	2.5	0	5	7.5	0.73646	1.03079	0.21178	3000.15
7391	52.5	32.5	0.0025	2.5	2.5	10	30	1.08214	0.95898	0.23501	3000.15
7392	57.5	32.5	0.01084	0	0	0	5	0.27848	1.11157	0.29212	3000.15
7393	57.5	32.5	0.01084	0	0	0	5	0.27848	1.11157	0.29212	3000.15
7394	57.5	32.5	0.01084	0	0	0	5	0.27848	1.11157	0.29212	3000.15
7395	57.5	32.5	0.01084	0	0	0	5	0.27848	1.11157	0.29212	3000.15
7396	52.5	27.5	0.00248	5	2.5	5	7.5	0.5483	1.11547	0.25241	3000.15
7397	42.5	22.5	0.0025	0	0	5	10	0.59802	1.00731	0.23534	3000.15
7398	22.5	7.5	0.10836	2.5	5	15	32.5	1.61783	0.99112	0.705	3000.15
7399	22.5	7.5	0.10836	2.5	5	15	32.5	1.61783	0.99112	0.705	3000.15
7400	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7401	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7402	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7403	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7404	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7405	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7406	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7407	45	24	0.08585	7.5	4.5	3	0	0.32986	1.09532	0.20374	3000.15
7408	35	18	0.03334	2.5	2.5	7.5	18	0.81517	1.0443	0.25011	3000.15

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7409	50	27	0.01084	2.5	0	12.5	32.5	1.44621	0.90925	0.20633	3000.15
7410	42.5	20	0.10836	2.5	2.5	2.5	2.5	4.25385	0.90161	0.45796	3000.15
7411	21	3.5	0.33341	5	5	22.5	40	2.64621	1.02335	0.59519	3000.15
7412	42.5	22.5	0.01084	0	0	2.5	7.5	0.63257	1.03871	0.25693	3000.15
7413	60	36.5	0.0025	0	0	2.5	5	0.30559	1.08005	0.20436	3000.15
7414	51	25	0.01075	5	2.5	5	10	0.4492	1.06397	0.26063	3000.15
7415	45	25	0.00292	5	0	7.5	27.5	0.21456	1.14797	0.24343	3000.15
7416	45	25	0.00292	5	0	7.5	27.5	0.21456	1.14797	0.24343	3000.15
7417	45	25	0.00292	5	0	7.5	27.5	0.21456	1.14797	0.24343	3000.15
7418	50	27.5	0.03334	2.5	2.5	5	5	0.19935	1.19834	0.2051	3000.15
7419	50	27.5	0.03334	2.5	2.5	5	5	0.19935	1.19834	0.2051	3000.15
7420	50	30	0.00292	0	0	2.5	10	0.43623	1.04025	0.20714	3000.15
7421	56	31.5	0.0025	0	0	2.5	2.5	0.43623	1.04025	0.20714	3000.15
7422	56	31.5	0.0025	0	0	2.5	2.5	0.43623	1.04025	0.20714	3000.15
7423	60	45	0.0025	5	0	0	10	0.23916	1.13962	0.23731	3000.15
7424	72.5	45	0.01181	0	0	2.5	0	0.62855	0.99363	0.21883	3000.15
7425	41	20	0.09169	0	2.5	27.5	23.5	2.34104	1.00009	0.46658	3000.15
7426	38	18.5	0.10836	0	2.5	2.5	2.5	4.39697	0.94187	0.47912	3000.15
7427	50	17.5	0.03334	2.5	0	5	10	0.18482	1.21232	0.26048	3000.15
7428	70	25	0.0025	0	0	2.5	0	0.37013	1.08402	0.2149	3000.15
7429	50	25	0.01084	0	0	17.5	5	0.37013	1.08402	0.2149	3000.15
7430	45	25	0.01084	5	0	0	5	0.37962	1.14896	0.24341	3000.15
7431	20	2.5	0.10836	2.5	2.5	15	37.5	1.28741	1.0563	0.67258	3000.15
7432	57.5	37.5	0.01084	0	0	5	2.5	0.22025	1.13143	0.23102	3000.15
7433	45	22.5	0.01084	2.5	2.5	12.5	2.5	0.66293	1.04717	0.21459	3000.15
7434	39.5	26.5	0.03334	0	2.5	2.5	48.5	0.68569	1.0338	0.24705	3000.15
7435	47.5	22.5	0.02751	0	2.5	2.5	2.5	0.66064	0.9837	0.26402	3000.15
7436	45	25	0.01084	0	2.5	0	7.5	0.64872	1.04845	0.24768	3000.15
7437	33	16.5	0.10836	2	10.5	5	27.5	1.21818	0.92606	0.23727	3000.15
7438	33	16.5	0.10836	2	10.5	5	27.5	1.21818	0.92606	0.23727	3000.15
7439	40	17.5	0.03334	40	5	5	10	0.6266	1.0301	0.28742	3000.16
7440	27.5	2.5	0.33341	12.5	2.5	25	25	1.06072	1.11254	0.60709	3000.16
7441	52.5	25	0.01084	0	2.5	0	7.5	0.18561	1.17286	0.22561	3000.16
7442	58.5	32.5	0.03334	5	5	2.5	3.5	0.4576	1.03095	0.24786	3000.16
7443	58.5	32.5	0.03334	5	5	2.5	3.5	0.4576	1.03095	0.24786	3000.16
7444	35	15	0.83602	2.5	0	20	22.5	0.81612	1.00891	0.29555	3000.16
7445	45	22.5	0.03334	0	0	2.5	7.5	0.47619	1.07664	0.28345	3000.16
7446	45	17.5	0.02752	0	0	0	7.5	0.76428	1.03771	0.29742	3000.16
7447	49.5	20	0.0025	0	0	2.5	12.5	0.43846	1.05412	0.24823	3000.16

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7448	49.5	20	0.0025	0	0	2.5	12.5	0.43846	1.05412	0.24823	3000.16
7449	30	7.5	0.10836	7.5	0	7.5	17.5	5.26896	1.05375	0.80728	3000.16
7450	50	25	0.0025	0	0	7.5	0	0.39029	1.13343	0.24262	3000.16
7451	50.5	29.5	0.03334	7.5	5	5	11	0.37911	1.13271	0.21141	3000.16
7452	50.5	29.5	0.03334	7.5	5	5	11	0.37911	1.13271	0.21141	3000.16
7453	50	27.5	0.01084	2.5	0	2.5	5	0.26945	1.21337	0.24843	3000.16
7454	54	25	0.10836	10	27.5	5	10	0.54986	1.02951	0.26157	3000.16
7455	20	2.5	0.33341	32.5	10	22.5	20	1.19681	1.0493	0.71243	3000.16
7456	52.5	27.5	0.01084	0	2.5	2.5	10	0.46922	1.05245	0.24504	3000.16
7457	55.5	34.5	0.0025	0	5	7.5	2	0.12711	1.27108	0.18388	3000.16
7458	45	22.5	0.01084	2.5	2.5	7.5	10	0.79148	1.03721	0.22674	3000.16
7459	45	22.5	0.01084	2.5	2.5	7.5	10	0.79148	1.03721	0.22674	3000.16
7460	53	35	0.0025	0	3.5	1.5	12.5	0.72054	1.04074	0.23734	3000.17
7461	50	28	0.03334	0	0	10	26.5	0.7836	0.95461	0.191	3000.17
7462	40	17.5	0.03334	10	2.5	10	17.5	0.32494	1.11432	0.28954	3000.17
7463	55.5	34.5	0.03334	8	1.5	3	5	0.41982	1.10327	0.20889	3000.17
7464	51	25	0.03334	7.5	0	5	8	1.34378	0.92943	0.2025	3000.17
7465	50	30	0.00248	0	0	2.5	2.5	0.37807	1.05382	0.23512	3000.17
7466	50	30	0.00248	0	0	2.5	2.5	0.37807	1.05382	0.23512	3000.17
7467	57.5	30	0.03334	0	0	0	2.5	1.068	0.99108	0.29806	3000.17
7468	47.5	23	0.02751	0	0	5	12.5	0.77043	1.00727	0.27856	3000.17
7469	57.5	22.5	0.10836	2.5	2.5	12.5	17	0.32952	1.08179	0.22545	3000.17
7470	57.5	22.5	0.10836	2.5	2.5	12.5	17	0.32952	1.08179	0.22545	3000.17
7471	45	25	0.01084	35	5	2.5	12.5	0.56944	1.12288	0.28053	3000.17
7472	50	25	0.00834	0	0	2.5	10	0.83936	1.03764	0.18032	3000.17
7473	50	25	0.00834	0	0	2.5	10	0.83936	1.03764	0.18032	3000.17
7474	50	25	0.00834	0	0	2.5	10	0.83936	1.03764	0.18032	3000.17
7475	50	25	0.00834	0	0	2.5	10	0.83936	1.03764	0.18032	3000.17
7476	50	25	0.00834	0	0	2.5	10	0.83936	1.03764	0.18032	3000.17
7477	50	27.5	0.01084	0	0	5	10	0.31905	1.06679	0.22807	3000.17
7478	55	30	0.01084	0	0	5	10	0.31905	1.06679	0.22807	3000.17
7479	33	15	0.03334	1	0	9	34.5	0.56101	1.02403	0.22	3000.17
7480	50	32.5	0.00292	10	2.5	5	5	0.52271	1.09125	0.1703	3000.17
7481	50	32.5	0.00292	10	2.5	5	5	0.52271	1.09125	0.1703	3000.17
7482	45	20	0.01087	2.5	2.5	10	10	0.42283	1.0819	0.25774	3000.17
7483	45	20	0.01087	2.5	2.5	10	10	0.42283	1.0819	0.25774	3000.17
7484	30	10	0.10836	5	7.5	10	27.5	0.57734	1.11476	0.2516	3000.17
7485	70	40	0.0025	0	0	0	0	0.2019	1.15552	0.20764	3000.17
7486	70	40	0.0025	0	0	0	0	0.2019	1.15552	0.20764	3000.17

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7487	60	32.5	0.01084	0	5	5	2.5	0.11027	1.27844	0.20507	3000.17
7488	50	30	0.01084	5	10	5	17.5	0.75174	1.02655	0.27024	3000.17
7489	50	27.5	0.01084	2.5	0	2.5	0	0.72344	1.03693	0.23582	3000.18
7490	55	22.5	0.01084	0	0	5	5	0.30069	1.1431	0.2297	3000.18
7491	40	20	0.03334	0	5	15	22.5	0.28212	1.10683	0.20355	3000.18
7492	65	22.5	0.33341	0	2.5	2.5	0	0.19006	1.23121	0.26755	3000.18
7493	50	28	0.03334	2.5	2.5	5	4.5	0.74972	0.97564	0.20623	3000.18
7494	42	15	0.09169	47.5	7.5	7.5	2.5	1.02985	1.00125	0.23573	3000.18
7495	57.5	27.5	0.01084	0	0	5	7.5	0.21134	1.28113	0.22232	3000.18
7496	45	20	0.03334	0	0	2.5	7.5	0.55996	1.00687	0.25487	3000.18
7497	60	37.5	0.01084	0	0	2.5	2.5	0.55996	1.00687	0.25487	3000.18
7498	60	37.5	0.01084	0	0	2.5	2.5	0.55996	1.00687	0.25487	3000.18
7499	60	37.5	0.01084	0	0	2.5	2.5	0.55996	1.00687	0.25487	3000.18
7500	50	25	0.01084	0	0	5	12.5	0.55996	1.00687	0.25487	3000.18
7501	50	30	0.01084	5	2.5	10	5	0.17423	1.20755	0.15327	3000.18
7502	50	30	0.01084	5	2.5	10	5	0.17423	1.20755	0.15327	3000.18
7503	50	30	0.01084	5	2.5	10	5	0.17423	1.20755	0.15327	3000.18
7504	50	30	0.01084	5	2.5	10	5	0.17423	1.20755	0.15327	3000.18
7505	50	30	0.01084	5	2.5	10	5	0.17423	1.20755	0.15327	3000.18
7506	50	30	0.01084	5	2.5	10	5	0.17423	1.20755	0.15327	3000.18
7507	62.5	40	0.01084	0	0	5	10	0.28793	1.21051	0.2444	3000.18
7508	62.5	40	0.01084	0	0	5	10	0.28793	1.21051	0.2444	3000.18
7509	62.5	40	0.01084	0	0	5	10	0.28793	1.21051	0.2444	3000.18
7510	62.5	40	0.01084	0	0	5	10	0.28793	1.21051	0.2444	3000.18
7511	47.5	30	0.03334	20	12.5	5	15	0.26454	1.15568	0.19791	3000.18
7512	48	34	0.01084	1.5	1	2.5	25	0.89873	1.00783	0.20524	3000.18
7513	37	18.5	0.03334	7.5	2.5	2.5	31.5	0.11234	1.29705	0.18064	3000.18
7514	37	18.5	0.03334	7.5	2.5	2.5	31.5	0.11234	1.29705	0.18064	3000.18
7515	37	18.5	0.03334	7.5	2.5	2.5	31.5	0.11234	1.29705	0.18064	3000.18
7516	37	18.5	0.03334	7.5	2.5	2.5	31.5	0.11234	1.29705	0.18064	3000.18
7517	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7518	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7519	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7520	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7521	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7522	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7523	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7524	47.5	25	0.01084	2.5	2.5	7.5	5	0.27368	1.10925	0.22077	3000.18
7525	63	37.5	0.0025	0	0	0	2.5	0.30299	1.14152	0.21213	3000.18

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7526	63	37.5	0.0025	0	0	0	2.5	0.30299	1.14152	0.21213	3000.18
7527	47.5	22.5	0.01084	0	0	5	5	0.66672	0.98114	0.22299	3000.18
7528	52.5	27.5	0.01084	32.5	5	0	5	0.54623	1.02989	0.17802	3000.18
7529	27.5	10	0.09169	0	0	22.5	15	0.79872	0.98083	0.29154	3000.19
7530	27.5	10	0.09169	0	0	22.5	15	0.79872	0.98083	0.29154	3000.19
7531	50	25	0.01087	7.5	0	2.5	10	1.03634	0.99244	0.20278	3000.19
7532	37.5	17.5	0.01084	20	10	2.5	5	0.38937	1.06394	0.31337	3000.19
7533	37.5	17.5	0.01084	20	10	2.5	5	0.38937	1.06394	0.31337	3000.19
7534	45	22.5	0.01084	0	0	2.5	7.5	0.41383	1.04388	0.2255	3000.19
7535	51	28.5	0.01084	2.5	2.5	2.5	36	0.90142	0.99936	0.20016	3000.19
7536	51	28.5	0.01084	2.5	2.5	2.5	36	0.90142	0.99936	0.20016	3000.19
7537	32.5	10	0.10836	0	0	10	15	4.62955	0.93645	0.60433	3000.19
7538	32.5	10	0.10836	0	0	10	15	4.62955	0.93645	0.60433	3000.19
7539	30	2.5	0.1063	0	0	5	7.5	4.62955	0.93645	0.60433	3000.19
7540	45	21	0.09169	20	5	0	7.5	0.59445	0.9816	0.18503	3000.19
7541	45	21	0.09169	20	5	0	7.5	0.59445	0.9816	0.18503	3000.19
7542	52.5	25	0.01084	2.5	0	0	7.5	0.72229	0.95568	0.19971	3000.19
7543	60	27.5	0.01084	0	0	2.5	2.5	0.2367	1.1175	0.21899	3000.19
7544	45	22.5	0.01084	0	0	2.5	7.5	0.49056	1.02686	0.19736	3000.19
7545	60	37.5	0.00834	0	0	2.5	2.5	0.49056	1.02686	0.19736	3000.19
7546	57.5	30	0.01084	7.5	0	7.5	17.5	0.28785	1.11523	0.21186	3000.19
7547	57.5	30	0.01084	7.5	0	7.5	17.5	0.28785	1.11523	0.21186	3000.19
7548	57.5	30	0.01084	7.5	0	7.5	17.5	0.28785	1.11523	0.21186	3000.19
7549	57.5	30	0.01084	7.5	0	7.5	17.5	0.28785	1.11523	0.21186	3000.19
7550	57.5	30	0.01084	7.5	0	7.5	17.5	0.28785	1.11523	0.21186	3000.19
7551	57.5	30	0.01084	7.5	0	7.5	17.5	0.28785	1.11523	0.21186	3000.19
7552	57.5	32.5	0.00834	2.5	0	5	15	0.75629	0.97602	0.22804	3000.19
7553	63.5	41.5	0.0025	1	1	3	3.5	0.17412	1.13744	0.15753	3000.19
7554	63.5	41.5	0.0025	1	1	3	3.5	0.17412	1.13744	0.15753	3000.19
7555	54	32.5	0.01084	1.5	1.5	2	6	0.47192	1.03999	0.20486	3000.19
7556	54	32.5	0.01084	1.5	1.5	2	6	0.47192	1.03999	0.20486	3000.19
7557	54	32.5	0.01084	1.5	1.5	2	6	0.47192	1.03999	0.20486	3000.19
7558	48	29.5	0.03334	7.5	5	3	4.5	0.52615	0.97875	0.18532	3000.2
7559	20	3	1.08358	2.5	0	7.5	62.5	3.57437	1.04713	0.89142	3000.2
7560	48	23.5	0.01084	2.5	2.5	2.5	7.5	0.55711	1.08111	0.19794	3000.2
7561	40	20	0.01084	17.5	20	7.5	10	0.26741	1.14407	0.22381	3000.2
7562	55	37.5	0.0025	2	0.5	2.5	7.5	0.19461	1.20551	0.15604	3000.2
7563	60.5	37.5	0.0025	0	0	2.5	11	0.78964	0.97595	0.24021	3000.2
7564	63	30	0.10836	2.5	0	2.5	8.5	0.18143	1.13942	0.20532	3000.2

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7565	48.5	24.5	0.0025	5	0	2.5	3	0.57281	1.05299	0.18402	3000.2
7566	40	16	0.10836	0	2.5	2.5	12.5	4.17932	0.95438	0.49473	3000.2
7567	39	20.5	0.03334	2.5	0	7.5	27.5	1.06239	0.93343	0.19672	3000.2
7568	39	20.5	0.03334	2.5	0	7.5	27.5	1.06239	0.93343	0.19672	3000.2
7569	58	34	0.01084	0	0	2.5	5	0.56877	1.0116	0.18578	3000.2
7570	55	28.5	0.01084	0	0	0	2.5	0.53131	1.02551	0.2021	3000.2
7571	47.5	26	0.0025	0	0	10	25	0.20087	1.15272	0.23795	3000.21
7572	52.5	30	0.01087	0	0	2.5	5	0.13281	1.23201	0.18912	3000.21
7573	40	17.5	0.10836	0	2.5	0	10	5.26454	0.9935	0.54245	3000.21
7574	40	17.5	0.10836	0	2.5	0	10	5.26454	0.9935	0.54245	3000.21
7575	45	25.5	0.01084	0	1	4	18.5	0.48564	1.03549	0.20011	3000.21
7576	47	22	0.01084	1	0	11.5	12.5	0.48564	1.03549	0.20011	3000.21
7577	40	15	0.03189	10	5	0	7.5	4.54343	0.9376	0.50661	3000.21
7578	50	23	0.10836	22.5	7.5	7.5	17.5	0.31774	1.10043	0.23904	3000.21
7579	50	23	0.10836	22.5	7.5	7.5	17.5	0.31774	1.10043	0.23904	3000.21
7580	50	23	0.10836	22.5	7.5	7.5	17.5	0.31774	1.10043	0.23904	3000.21
7581	55	35	0.0025	5	2.5	5	13	0.38571	1.0553	0.1833	3000.21
7582	55	30	0.01084	0	0	5	10	0.21665	1.12926	0.16629	3000.21
7583	72.5	47.5	0.0025	0	0	2.5	0	0.21665	1.12926	0.16629	3000.21
7584	72.5	47.5	0.0025	0	0	2.5	0	0.21665	1.12926	0.16629	3000.21
7585	72.5	47.5	0.0025	0	0	2.5	0	0.21665	1.12926	0.16629	3000.21
7586	65	50	0.0025	0	0	5	7.5	0.1093	1.39408	0.19151	3000.21
7587	52.5	30	0.01084	0	0	5	10	0.32973	1.06223	0.20849	3000.21
7588	47.5	32.5	0.01084	0	0	5	5	0.32973	1.06223	0.20849	3000.21
7589	47.5	32.5	0.01084	0	0	5	5	0.32973	1.06223	0.20849	3000.21
7590	50	27.5	0.01084	17.5	5	5	2.5	0.35366	1.09132	0.18925	3000.21
7591	51	29.5	0.10836	0	1	6.5	19.5	0.44405	1.04093	0.19677	3000.21
7592	55	25	0.0025	0	0	2.5	5	0.16587	1.19166	0.19834	3000.21
7593	54.5	32.5	0.00834	0	0	0	5	0.46846	1.05113	0.16975	3000.21
7594	58	33.5	0.01084	25	7.5	15	2.5	0.52657	1.03202	0.17165	3000.21
7595	50	30	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7596	50	30	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7597	50	30	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7598	50	30	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7599	52.5	32.5	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7600	52.5	32.5	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7601	52.5	32.5	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22
7602	52.5	32.5	0.00292	0	0	2.5	12.5	0.11898	1.23155	0.15758	3000.22
7603	52.5	32.5	0.01084	0	0	2.5	5	0.11898	1.23155	0.15758	3000.22

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7604	70	25	0.0025	0	0	2.5	0	0.56289	1.08644	0.23645	3000.22
7605	62.5	40	0.0025	0	0	0	2.5	0.36383	1.04042	0.19791	3000.22
7606	49	20	0.03543	5	5	4	1	0.21297	1.17104	0.15477	3000.22
7607	30	7.5	0.85853	30	5	2.5	10	4.14741	0.95102	0.50198	3000.22
7608	50	30	0.00292	5	0	2.5	7.5	0.73682	0.97119	0.21238	3000.22
7609	50	30	0.00292	5	0	2.5	7.5	0.73682	0.97119	0.21238	3000.22
7610	55.5	28	0.03334	5	5	12.5	22.5	0.10645	1.25465	0.17724	3000.22
7611	50	27.5	0.01084	20	5	5	2.5	0.5111	1.04228	0.19137	3000.22
7612	42	24.5	0.01084	2.5	7.5	4.5	32.5	0.22985	1.10456	0.16046	3000.22
7613	42	24.5	0.01084	2.5	7.5	4.5	32.5	0.22985	1.10456	0.16046	3000.22
7614	42	24.5	0.01084	2.5	7.5	4.5	32.5	0.22985	1.10456	0.16046	3000.22
7615	59	34	0.0025	0	0	2.5	5	0.26379	1.08897	0.16388	3000.22
7616	59	34	0.0025	0	0	2.5	5	0.26379	1.08897	0.16388	3000.22
7617	59	34	0.0025	0	0	2.5	5	0.26379	1.08897	0.16388	3000.22
7618	55	27.5	0.01084	10	2.5	5	12.5	0.22055	1.14964	0.18494	3000.22
7619	55	30	0.00292	2.5	10	5	5	0.24401	1.1328	0.19055	3000.22
7620	55	27.5	0.00248	0	0	5	10	0.33743	1.05882	0.19378	3000.22
7621	52.5	25	0.00834	0	0	5	5	0.33743	1.05882	0.19378	3000.22
7622	57	34.5	0.03334	2.5	2.5	5	4.5	0.26754	1.12934	0.18961	3000.22
7623	57	34.5	0.03334	2.5	2.5	5	4.5	0.26754	1.12934	0.18961	3000.22
7624	56.5	29	0.03334	0	0	2.5	2.5	0.12657	1.24754	0.19614	3000.23
7625	23	6	0.1063	50	5	0	10	1.27393	1.11417	1.10968	3000.23
7626	36.5	11.5	0.10836	5	0	2.5	11	4.3608	0.94143	0.54552	3000.23
7627	39.5	14	0.10836	5	0	2.5	8.5	4.3608	0.94143	0.54552	3000.23
7628	39.5	14	0.10836	5	0	2.5	8.5	4.3608	0.94143	0.54552	3000.23
7629	60	27.5	0.02751	0	0	2.5	0	0.25863	1.11153	0.2256	3000.23
7630	60	27.5	0.02751	0	0	2.5	0	0.25863	1.11153	0.2256	3000.23
7631	50	26.5	0.25839	0	0	5	10	0.26962	1.10921	0.17594	3000.23
7632	50	30	0.01084	5	2.5	7.5	5	0.31566	1.07691	0.20667	3000.23
7633	60	37.5	0.01084	0	0	5	10	0.375	1.03005	0.18341	3000.23
7634	40	17.5	0.10836	0	0	5	15	4.31749	0.95763	0.47664	3000.23
7635	35	12.5	0.10836	5	5	5	5	4.6101	0.97591	0.50529	3000.23
7636	30	12.5	0.10836	52.5	10	2.5	7.5	4.66181	0.98391	0.75933	3000.23
7637	30	12.5	0.10836	52.5	10	2.5	7.5	4.66181	0.98391	0.75933	3000.23
7638	35	15	0.01084	2.5	7.5	0	10	4.04164	0.94586	0.42648	3000.23
7639	50	30	0.01084	7.5	2.5	10	5	0.22824	1.0876	0.17586	3000.23
7640	50	30	0.01084	7.5	2.5	10	5	0.22824	1.0876	0.17586	3000.23
7641	50	30	0.01084	7.5	2.5	10	5	0.22824	1.0876	0.17586	3000.23
7642	50	30	0.01084	7.5	2.5	10	5	0.22824	1.0876	0.17586	3000.23

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7643	50	30	0.01084	7.5	2.5	10	5	0.22824	1.0876	0.17586	3000.23
7644	45	27.5	0.0025	10	0	5	27.5	0.19576	1.1296	0.17533	3000.23
7645	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7646	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7647	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7648	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7649	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7650	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7651	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7652	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7653	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7654	51.5	22	0.10836	10	0	10	17	0.23219	1.17296	0.16693	3000.24
7655	62.5	30	0.00834	0	0	2.5	0	0.21538	1.139	0.16878	3000.24
7656	62.5	30	0.00834	0	0	2.5	0	0.21538	1.139	0.16878	3000.24
7657	53.5	30	0.0025	0	0	10	17.5	0.21538	1.139	0.16878	3000.24
7658	53.5	30	0.0025	0	0	10	17.5	0.21538	1.139	0.16878	3000.24
7659	53.5	30	0.0025	0	0	10	17.5	0.21538	1.139	0.16878	3000.24
7660	35	15	0.03334	2.5	2.5	0	7.5	3.74303	0.97233	0.62774	3000.24
7661	52.5	30	0.01084	0	0	5	12.5	0.43288	1.04803	0.18518	3000.24
7662	55	28.5	0.01084	0	0	0	2.5	0.43288	1.04803	0.18518	3000.24
7663	65	32.5	0.01084	2.5	2.5	0	5	0.30364	1.11935	0.21656	3000.24
7664	47.5	22.5	0.03334	2.5	0	2.5	5	0.49365	1.07217	0.20432	3000.24
7665	37.5	15	0.10836	22.5	7.5	7.5	10	2.85647	0.98948	0.51729	3000.24
7666	63	35	0.0025	2.5	0	0	2.5	0.39542	1.09495	0.18748	3000.24
7667	63	35	0.0025	2.5	0	0	2.5	0.39542	1.09495	0.18748	3000.24
7668	42.5	20	0.10836	0	0	0	2.5	4.20709	0.93547	0.48811	3000.24
7669	42.5	20	0.10836	0	0	0	2.5	4.20709	0.93547	0.48811	3000.24
7670	42.5	20	0.10836	0	0	0	2.5	4.20709	0.93547	0.48811	3000.24
7671	45.5	24	0.03334	2.5	2.5	7.5	17	0.11814	1.34459	0.17109	3000.24
7672	35	15	0.03334	0	0	5	2.5	3.97917	0.97523	0.42456	3000.25
7673	35	15	0.03334	0	0	5	2.5	3.97917	0.97523	0.42456	3000.25
7674	58	28.5	0.03334	0	0	2.5	2.5	0.17045	1.15474	0.17217	3000.25
7675	32.5	12.5	0.1063	2.5	0	2.5	17.5	4.29615	0.9862	0.8389	3000.25
7676	52.5	32.5	0.01181	0	0	2.5	0	0.23435	1.10053	0.17205	3000.25
7677	52.5	32.5	0.01181	0	0	2.5	0	0.23435	1.10053	0.17205	3000.25
7678	20	1.5	1.08358	20	17.5	22.5	17.5	3.65394	1.01633	1.00729	3000.25
7679	37.5	17.5	0.01084	0	0	2.5	5	2.84188	1.00845	0.57059	3000.25
7680	55	15	0.10836	5	0	0	5	0.1816	1.11603	0.18042	3000.26
7681	56	25.5	0.01084	15	5	4	3.5	0.53843	1.02001	0.18969	3000.26

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7682	55	28.5	0.01084	0	0	0	2.5	0.13152	1.19032	0.16348	3000.26
7683	26	8	0.27506	0	5	0	55	2.55718	0.98928	0.51892	3000.26
7684	63	35.5	0.0025	0	0	0	2.5	0.15918	1.21089	0.16823	3000.26
7685	32.5	17.5	0.03334	10	2.5	2.5	12.5	4.37817	0.97431	0.59551	3000.27
7686	32.5	17.5	0.03334	10	2.5	2.5	12.5	4.37817	0.97431	0.59551	3000.27
7687	55	30	0.01084	0	2.5	0	12.5	0.29658	1.0908	0.22668	3000.27
7688	50	30	0.00248	0	0	2.5	2.5	0.24312	1.20666	0.17966	3000.27
7689	47.5	25	0.0025	0	0	2.5	12.5	0.17162	1.1637	0.1732	3000.27
7690	25	5	0.10836	12.5	0	5	17.5	4.49052	0.96406	0.77662	3000.27
7691	25	5	0.10836	12.5	0	5	17.5	4.49052	0.96406	0.77662	3000.27
7692	25	5	0.10836	12.5	0	5	17.5	4.49052	0.96406	0.77662	3000.27
7693	25	5	0.10836	12.5	0	5	17.5	4.49052	0.96406	0.77662	3000.27
7694	25	5	0.10836	12.5	0	5	17.5	4.49052	0.96406	0.77662	3000.27
7695	25	5	0.10836	12.5	0	5	17.5	4.49052	0.96406	0.77662	3000.27
7696	72.5	50	0.03334	0	0	2.5	0	0.13046	1.18072	0.16248	3000.27
7697	32.5	14.5	0.08585	2.5	2.5	11	24	0.62026	1.0252	0.31824	3000.27
7698	62.5	35	0.0025	0	2.5	2.5	0	0.18457	1.15153	0.18564	3000.27
7699	62.5	35	0.0025	0	2.5	2.5	0	0.18457	1.15153	0.18564	3000.27
7700	62.5	35	0.0025	0	2.5	2.5	0	0.18457	1.15153	0.18564	3000.27
7701	62.5	35	0.0025	0	2.5	2.5	0	0.18457	1.15153	0.18564	3000.27
7702	37.5	15	0.03334	7.5	2.5	5	10	0.55856	1.01717	0.22267	3000.27
7703	47.5	25	0.01087	17.5	2.5	7.5	10	0.65302	1.09911	0.24525	3000.27
7704	50	27.5	0.01084	0	0	5	12.5	0.41902	1.08069	0.25629	3000.28
7705	47.5	30	0.0025	0	0	5	10	0.14303	1.18737	0.1942	3000.28
7706	60	37.5	0.0025	0	0	2.5	7.5	0.10722	1.28501	0.1528	3000.28
7707	49.5	24	0.02751	5	5	5	7.5	0.14364	1.19964	0.16975	3000.28
7708	60.5	37.5	0.0025	2.5	0	5	7.5	0.21074	1.1858	0.16561	3000.28
7709	60.5	37.5	0.0025	2.5	0	5	7.5	0.21074	1.1858	0.16561	3000.28
7710	60.5	37.5	0.0025	2.5	0	5	7.5	0.21074	1.1858	0.16561	3000.28
7711	62.5	39	0.0025	1	1.5	2	3	0.15856	1.15666	0.16525	3000.29
7712	40	12.5	0.03331	0	5	5	10	4.42395	0.95498	0.51442	3000.29
7713	40	12.5	0.03331	0	5	5	10	4.42395	0.95498	0.51442	3000.29
7714	35	15	0.03334	12.5	0	2.5	2.5	4.1075	0.95643	0.45604	3000.29
7715	35	15	0.03334	12.5	0	2.5	2.5	4.1075	0.95643	0.45604	3000.29
7716	35	15	0.03334	12.5	0	2.5	2.5	4.1075	0.95643	0.45604	3000.29
7717	45	22.5	0.03334	2.5	2.5	7.5	7.5	0.55522	1.10483	0.26921	3000.29
7718	45	22.5	0.03334	2.5	2.5	7.5	7.5	0.55522	1.10483	0.26921	3000.29
7719	45	22.5	0.03334	2.5	2.5	7.5	7.5	0.55522	1.10483	0.26921	3000.29
7720	45	22.5	0.03334	2.5	2.5	7.5	7.5	0.55522	1.10483	0.26921	3000.29

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7721	37.5	15	0.03334	10	5	2.5	10	4.2641	0.97446	0.45264	3000.29
7722	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7723	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7724	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7725	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7726	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7727	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7728	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7729	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7730	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7731	20	2	0.10836	1	4	15	32.5	2.85378	0.98987	0.72033	3000.29
7732	25	5	0.33341	0	5	17.5	35	3.3073	1.07443	0.64902	3000.3
7733	47.5	25.5	0.03334	5	2.5	0	8	0.73649	1.04631	0.2464	3000.3
7734	38	23.5	0.10836	2.5	2.5	10	42	0.61407	0.99043	0.23032	3000.3
7735	44	23	0.03334	2.5	2.5	7.5	17	0.13132	1.20809	0.23289	3000.3
7736	30	7.5	0.10836	52.5	5	5	7.5	3.53147	0.95707	0.64664	3000.31
7737	55	27.5	0.01084	15	15	5	12.5	0.2001	1.11573	0.18806	3000.31
7738	27.5	7.5	0.84186	30	5	12.5	15	0.30823	1.19789	0.47172	3000.31
7739	40	15	0.03334	0	2.5	5	7.5	4.23066	0.98423	0.49299	3000.31
7740	40	15	0.03334	0	2.5	5	7.5	4.23066	0.98423	0.49299	3000.31
7741	60	37	0.01084	1.5	1.5	2	3.5	0.19797	1.16452	0.21653	3000.32
7742	60	37	0.01084	1.5	1.5	2	3.5	0.19797	1.16452	0.21653	3000.32
7743	60	37	0.01084	1.5	1.5	2	3.5	0.19797	1.16452	0.21653	3000.32
7744	30	10	0.10836	0	5	7.5	5	3.68686	0.92289	0.4313	3000.32
7745	20	2	0.33341	0	0	12.5	42.5	2.79879	1.05249	0.67277	3000.32
7746	52.5	32.5	0.01181	5	0	0	5	0.14204	1.22335	0.19455	3000.33
7747	58.5	30	0.03334	15	2.5	2.5	5	0.64011	0.98651	0.18215	3000.33
7748	58.5	30	0.03334	15	2.5	2.5	5	0.64011	0.98651	0.18215	3000.33
7749	37	16	0.33071	40	5	0	0	4.17335	0.98738	0.64057	3000.33
7750	22.5	2.5	0.33343	2.5	0	30	32.5	3.81464	0.98429	0.63971	3000.33
7751	25	7.5	0.10836	55	5	0	7.5	4.76124	0.99408	0.79601	3000.35
7752	25	7.5	0.10836	55	5	0	7.5	4.76124	0.99408	0.79601	3000.35
7753	35	12.5	0.10836	0	0	20	2.5	3.07668	1.01541	0.44932	3000.35
7754	30	7	0.10836	27.5	5	5	10	4.70008	0.9702	0.78474	3000.35
7755	30	7.5	0.1063	32.5	5	5	12.5	4.70008	0.9702	0.78474	3000.35
7756	30	7.5	0.1063	32.5	5	5	12.5	4.70008	0.9702	0.78474	3000.35
7757	25	9	0.33071	55	5	0	5	1.33388	1.23737	1.30432	3000.36
7758	25	9	0.33071	55	5	0	5	1.33388	1.23737	1.30432	3000.36
7759	42.5	20	0.03334	0	0	5	5	3.81442	0.95346	0.42549	3000.36

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7760	35	15	0.03334	32.5	5	5	7.5	3.98032	0.97214	0.54236	3000.36
7761	20	3.5	0.08585	0	0	22.5	30	2.06646	1.01701	0.57074	3000.36
7762	30	5	0.10836	55	5	7.5	5	4.8142	0.98119	0.84765	3000.37
7763	32.5	15.5	0.03334	0	0	2.5	2.5	4.35904	0.98014	0.53993	3000.37
7764	32.5	15.5	0.03334	0	0	2.5	2.5	4.35904	0.98014	0.53993	3000.37
7765	52.5	28.5	0.01084	0	0	2.5	6	0.37947	1.07341	0.25381	3000.38
7766	20	3.5	0.33341	10	0	12.5	42.5	2.66151	1.03158	0.67276	3000.38
7767	32.5	12.5	0.03334	2.5	2.5	0	5	4.60645	1.00457	0.62898	3000.39
7768	38	23.5	0.10836	2.5	2.5	10	42	0.84727	0.98326	0.26852	3000.4
7769	22.5	5	0.33341	0	2.5	2.5	45	3.18424	1.01897	0.74095	3000.41
7770	22.5	5	0.33341	0	2.5	2.5	45	3.18424	1.01897	0.74095	3000.41
7771	22.5	5	0.33341	0	2.5	2.5	45	3.18424	1.01897	0.74095	3000.41
7772	42	17.5	0.10836	0	0	2.5	7.5	3.90119	0.96176	0.48569	3000.42
7773	42.5	25	0.10836	5	0.5	5	32	0.30227	1.10372	0.23652	3000.42
7774	42.5	25	0.10836	5	0.5	5	32	0.30227	1.10372	0.23652	3000.42
7775	42.5	20	0.01084	37.5	5	5	10	2.52798	1.00015	0.43477	3000.42
7776	17.5	6	0.33341	0	2.5	12.5	35	3.32633	1.01351	0.73746	3000.43
7777	32.5	10	0.03334	0	0	5	12.5	4.78111	1.00665	0.70247	3000.43
7778	50.5	32.5	0.01084	5	0	5	22	0.42357	1.12647	0.2739	3000.43
7779	37.5	17.5	0.01084	5	0	17.5	5	4.01177	0.99697	0.43321	3000.43
7780	37.5	15	0.03334	2.5	2.5	15	12.5	4.01177	0.99697	0.43321	3000.43
7781	37.5	17.5	0.01084	5	0	17.5	5	4.01177	0.99697	0.43321	3000.43
7782	37.5	17.5	0.01084	5	0	17.5	5	4.01177	0.99697	0.43321	3000.43
7783	37.5	15	0.10836	0	0	5	2.5	4.28759	0.9702	0.70805	3000.44
7784	35	7.5	0.1063	0	0	5	20	4.28759	0.9702	0.70805	3000.44
7785	35	7.5	0.1063	0	0	5	20	4.28759	0.9702	0.70805	3000.44
7786	37.5	15	0.10836	0	0	5	2.5	4.28759	0.9702	0.70805	3000.44
7787	25	9	0.10836	2.5	0	32.5	17.5	2.35345	0.99501	0.4908	3000.45
7788	25	9	0.10836	2.5	0	32.5	17.5	2.35345	0.99501	0.4908	3000.45
7789	35	15	0.03334	0	0	5	7.5	3.47186	0.96507	0.52043	3000.45
7790	37.5	15	0.03334	0	0	2.5	12.5	3.50898	0.98457	0.52134	3000.47
7791	42.5	20	0.10836	0	0	2.5	7.5	3.50898	0.98457	0.52134	3000.47
7792	31	13	0.1063	49	7	4	3	4.41502	0.97419	0.8096	3000.48
7793	53	30	0.0025	0	0	0	2.5	0.63266	1.00081	0.24086	3000.49
7794	47.5	25	0.01084	0	0	2.5	10	0.63266	1.00081	0.24086	3000.49
7795	45	20	0.03334	0	0	2.5	2.5	0.63266	1.00081	0.24086	3000.49
7796	52.5	20	0.00248	0	0	0	2.5	0.63266	1.00081	0.24086	3000.49
7797	26	8	0.33341	14	0	3.5	32	2.52332	1.01713	0.57943	3000.49
7798	26	8	0.33341	14	0	3.5	32	2.52332	1.01713	0.57943	3000.49

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7799	22.5	2.5	0.33071	5	5	25	25	2.47744	1.01715	0.57381	3000.49
7800	22.5	2.5	0.33071	5	5	25	25	2.47744	1.01715	0.57381	3000.49
7801	30	11	0.10836	0	0	22.5	35	0.88087	0.9973	0.36429	3000.49
7802	30	11	0.10836	0	0	22.5	35	0.88087	0.9973	0.36429	3000.49
7803	30	11	0.10836	0	0	22.5	35	0.88087	0.9973	0.36429	3000.49
7804	30	11	0.10836	0	0	22.5	35	0.88087	0.9973	0.36429	3000.49
7805	30	11	0.10836	0	0	22.5	35	0.88087	0.9973	0.36429	3000.49
7806	22.5	2.5	0.33341	0	0	15	42.5	1.99443	1.0576	0.58332	3000.5
7807	20	3	0.10836	0	0	5	17.5	1.99443	1.0576	0.58332	3000.5
7808	37.5	24	0.0025	1	1.5	10	33.5	0.58594	1.08393	0.26782	3000.5
7809	25	7.5	0.10836	0	2.5	10	17.5	4.12126	1.02327	0.76149	3000.51
7810	25	5	0.33341	5	0	12.5	32.5	2.46822	0.99122	0.50818	3000.52
7811	25	5	0.33343	5	0	12.5	32.5	2.46822	0.99122	0.50818	3000.52
7812	25	2.5	0.10836	5	2.5	7.5	15	4.41971	0.99391	0.9026	3000.53
7813	7	0	1.08354	0	0	32.5	42.5	3.70179	1.03888	1.10494	3000.55
7814	20	3.5	0.10836	2.5	2.5	20	30	3.13666	0.99334	0.67008	3000.55
7815	20	3.5	0.10836	2.5	2.5	20	30	3.13666	0.99334	0.67008	3000.55
7816	20	3.5	0.10836	2.5	2.5	20	30	3.13666	0.99334	0.67008	3000.55
7817	20	3.5	0.10836	2.5	2.5	20	30	3.13666	0.99334	0.67008	3000.55
7818	20	3.5	0.10836	2.5	2.5	20	30	3.13666	0.99334	0.67008	3000.55
7819	20	3.5	0.10836	2.5	2.5	20	30	3.13666	0.99334	0.67008	3000.55
7820	40	2.5	0.10836	10	2.5	5	7.5	4.19605	1.02236	1.29627	3000.57
7821	40	2.5	0.1063	10	2.5	5	7.5	4.19605	1.02236	1.29627	3000.57
7822	69	47.5	0.0025	1	0	4	5	0.14844	1.2607	0.22987	3000.59
7823	35	7.5	0.10836	2.5	2.5	2.5	15	3.714	1.00262	0.92731	3000.59
7824	20	5	0.33341	0	0	15	30	2.54797	1.00398	0.6629	3000.6
7825	20	5	0.33341	0	0	15	30	2.54797	1.00398	0.6629	3000.6
7826	25	7.5	0.09169	0	0	15	25	2.53601	0.99901	0.58099	3000.61
7827	25	7.5	0.10836	17.5	0	22.5	5	2.96247	1.00103	0.45388	3000.61
7828	25	7.5	0.10836	17.5	0	22.5	5	2.96247	1.00103	0.45388	3000.61
7829	25	7.5	0.33343	10	12.5	50	10	3.48602	0.97898	0.62691	3000.63
7830	20	2.5	0.10836	22.5	12.5	22.5	17.5	1.76922	1.10896	0.54917	3000.7
7831	35	20	0.03334	2.5	0	0	12.5	3.04936	0.96117	0.50032	3000.7
7832	25.5	7.5	0.09169	0	0	12.5	22	1.46485	1.05168	0.45085	3000.72
7833	25	5	0.33343	5	2.5	30	25	2.66142	1.04944	0.4527	3000.73
7834	47.5	20	0.03334	0	0	2.5	2.5	2.60756	1.02203	0.42324	3000.75
7835	51.5	30	0.03334	0	0	2.5	15	3.25196	1.00172	0.63676	3000.75
7836	51.5	30	0.03334	0	0	2.5	15	3.25196	1.00172	0.63676	3000.75
7837	40	10	0.03334	0	0	2.5	7.5	3.28734	0.99104	0.5694	3000.75

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7838	40	10	0.03334	0	0	2.5	7.5	3.28734	0.99104	0.5694	3000.75
7839	35	15	0.01084	0	0	5	7.5	3.0753	0.97187	0.4743	3000.78
7840	35	15	0.01084	0	0	5	7.5	3.0753	0.97187	0.4743	3000.78
7841	17.5	2.5	1.08358	0	5	12.5	50	2.83065	1.03379	0.8088	3000.78
7842	30	7.5	0.10836	2.5	7.5	15	10	3.8275	1.06689	0.59792	3000.8
7843	35	12.5	0.09169	0	2.5	2.5	12.5	3.55042	0.98325	0.59922	3000.81
7844	35	12.5	0.09169	0	2.5	2.5	12.5	3.55042	0.98325	0.59922	3000.81
7845	22.5	3.5	0.27506	0	0	17.5	40	1.55701	1.07421	0.53584	3000.81
7846	37.5	6	0.10836	12.5	7.5	10	15	3.82208	0.99812	0.73549	3000.82
7847	17.5	2.5	1.08354	10	5	27.5	30	2.8928	1.05975	0.85772	3000.83
7848	20	3	0.10831	0	1	14	37.5	3.22035	1.0208	0.93269	3000.83
7849	42.5	22.5	0.01084	5	2.5	2.5	5	0.16462	1.20447	0.19227	3000.83
7850	42.5	22.5	0.01084	5	2.5	2.5	5	0.16462	1.20447	0.19227	3000.83
7851	25	2.5	0.10836	0	0	22.5	32.5	2.49237	1.0699	0.5598	3000.86
7852	20	3.5	0.33341	12.5	2.5	20	27.5	2.60422	1.04844	0.72993	3000.87
7853	26	8	0.33071	40	5	0	10	1.04224	1.20966	0.8993	3000.89
7854	52.5	32.5	0.01075	2.5	0	0	2.5	0.16402	1.22204	0.18744	3000.96
7855	36	14.5	0.10836	0	1	11.5	39.5	2.6801	0.98524	0.4566	3000.98
7856	22.5	5	0.10836	7.5	5	15	25	2.36151	1.04785	0.57716	3000.99
7857	20	2	1.08358	4	1	15	54	3.28169	1.10489	0.73684	3001.01
7858	22.5	7.5	0.10836	0	2.5	15	27.5	2.333	1.06204	0.51996	3001.02
7859	7.5	0	1.08358	45	17.5	10	17.5	3.86641	1.16045	1.03931	3001.03
7860	19.5	5	1.08358	0	2.5	35	40	2.93045	0.98761	0.48832	3001.04
7861	20	5	0.33343	2.5	3.5	6.5	50	2.99342	1.00236	0.6736	3001.05
7862	17.5	2.5	0.33071	32.5	7.5	15	22.5	2.63071	1.05256	0.69505	3001.06
7863	22.5	2.5	0.33071	2.5	2.5	40	27.5	3.3206	1.09207	0.54219	3001.09
7864	12.5	5	0.10831	7.5	0	22.5	37.5	2.3804	1.07858	0.59203	3001.13
7865	25	2.5	0.33341	0	0	35	27.5	2.24082	1.01388	0.61166	3001.15
7866	40	15	0.01084	0	0	2.5	7.5	2.55605	0.99401	0.41503	3001.15
7867	25	2.5	0.33341	0	2.5	17.5	37.5	2.38013	1.01195	0.5786	3001.23
7868	26	9.5	0.10836	5	2.5	20	22.5	1.26261	1.05557	0.46377	3001.23
7869	26	9.5	0.10836	5	2.5	20	22.5	1.26261	1.05557	0.46377	3001.23
7870	40	17.5	0.01084	0	5	10	7.5	2.41716	1.02381	0.41496	3001.26
7871	30	6.5	0.27506	40	17.5	5	2.5	2.36775	1.01835	0.55071	3001.27
7872	20	2.5	1.08358	0	2.5	27.5	45	3.34087	1.06292	0.90174	3001.27
7873	22.5	7.5	0.10836	52.5	5	12.5	7.5	1.59983	1.06392	0.55108	3001.31
7874	22.5	7.5	0.10836	52.5	5	12.5	7.5	1.59983	1.06392	0.55108	3001.31
7875	20	2	1.08358	1.5	1	7.5	59	2.94926	0.99716	0.70139	3001.34
7876	20	2	1.08358	1.5	1	7.5	59	2.94926	0.99716	0.70139	3001.34

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7877	20	2	1.08358	1.5	1	7.5	59	2.94926	0.99716	0.70139	3001.34
7878	20	2	1.08358	1.5	1	7.5	59	2.94926	0.99716	0.70139	3001.34
7879	33	9	0.10836	0	0	9	30.5	1.94915	1.00774	0.438	3001.38
7880	25	2.5	0.33341	5	10	30	20	2.83467	1.01656	0.71086	3001.38
7881	35	5	0.33341	17.5	7.5	12.5	24	2.6758	1.05267	0.79884	3001.4
7882	35	5	0.33341	17.5	7.5	12.5	24	2.6758	1.05267	0.79884	3001.4
7883	25	6.5	0.10836	2.5	2.5	7.5	32.5	2.22299	1.05746	0.53171	3001.4
7884	20	5	0.33341	0	0	15	30	2.85439	1.06025	0.6933	3001.44
7885	37.5	14	0.09169	0	0	5	2.5	2.26676	1.01921	0.50812	3001.45
7886	55	20	0.03334	0	0	2.5	2.5	2.16326	1.08889	0.41071	3001.47
7887	20	3	1.08358	5	0	10	65	3.17613	1.01414	0.83328	3001.47
7888	22.5	5	0.33341	15	0	5	37.5	2.23133	1.00417	0.54237	3001.49
7889	20	5	0.33343	1	1	13	37.5	2.07971	1.00329	0.43437	3001.51
7890	37.5	15	0.08585	12.5	10	2.5	25	2.05141	1.01263	0.53633	3001.53
7891	37.5	15	0.08585	12.5	10	2.5	25	2.05141	1.01263	0.53633	3001.53
7892	37.5	15	0.08585	12.5	10	2.5	25	2.05141	1.01263	0.53633	3001.53
7893	37.5	15	0.08585	12.5	10	2.5	25	2.05141	1.01263	0.53633	3001.53
7894	22.5	3.5	1.08358	0	0	22.5	37.5	2.5619	0.97213	0.61925	3001.6
7895	22.5	3.5	1.08358	0	0	22.5	37.5	2.5619	0.97213	0.61925	3001.6
7896	32.5	13	0.10836	0	1	12.5	33.5	2.5059	1.02535	0.45984	3001.63
7897	30	12.5	0.10836	10	3.5	14	22.5	2.39543	1.01693	0.42902	3001.68
7898	25	6.5	0.33341	0	0	2.5	60	2.17438	0.9847	0.50065	3001.72
7899	25	6.5	0.33341	0	0	2.5	60	2.17438	0.9847	0.50065	3001.72
7900	25	6.5	0.33341	0	0	2.5	60	2.17438	0.9847	0.50065	3001.72
7901	21.5	5	0.10836	2.5	0	2.5	65	2.68437	1.03554	0.56778	3001.79
7902	25	2.5	0.33341	25	12.5	20	17.5	2.7514	1.01986	0.72033	3001.81
7903	25	2.5	0.33341	25	12.5	20	17.5	2.7514	1.01986	0.72033	3001.81
7904	22.5	3.5	0.33341	0	2.5	17.5	47.5	2.43628	1.00796	0.52634	3001.84
7905	30	7.5	0.91688	2.5	5	15	20	2.11781	1.01179	0.52977	3001.85
7906	30	10	0.27506	0	5	30	15	2.12533	1.01511	0.46987	3002.02
7907	22.5	4.5	0.33341	2.5	5	25	27.5	2.44637	1.04032	0.53849	3002.06
7908	20	2.5	0.33341	35	2.5	7.5	20	2.36473	1.04955	0.66025	3002.06
7909	22.5	2.5	0.10836	55	5	12.5	12.5	2.68342	1.09917	0.72627	3002.08
7910	12.5	5	0.33343	10	3.5	16.5	37.5	2.27522	1.03103	0.51405	3002.08
7911	35	10	0.09169	12.5	0	20	15	2.06992	1.03618	0.51108	3002.13
7912	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7913	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7914	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7915	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7916	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7917	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7918	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7919	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7920	17.5	3.5	0.10836	0	7.5	17.5	32.5	2.30205	1.02272	0.68855	3002.16
7921	25	5	0.28346	0	25	25	20	2.5382	1.01946	0.73417	3002.17
7922	25	7.5	0.10836	2.5	8.5	16.5	32.5	2.2142	1.06006	0.50291	3002.25
7923	20	2	0.33341	7.5	0	12.5	45	2.46036	1.03602	0.71032	3002.33
7924	27.5	2.5	0.33341	27.5	10	5	25	2.1719	1.02281	0.6792	3002.36
7925	20	2.5	0.10836	2.5	2.5	20	32.5	2.18815	1.03545	0.65737	3002.36
7926	40	5	0.33343	0	5	15	20	2.18815	1.03545	0.65737	3002.36
7927	35	5	0.33341	7.5	7.5	7.5	28.5	2.39635	1.07948	0.67319	3002.39
7928	35	5	0.33341	7.5	7.5	7.5	28.5	2.39635	1.07948	0.67319	3002.39
7929	22.5	5	0.33341	0	0	15	42	2.02408	1.01846	0.5105	3002.4
7930	22.5	6	0.27506	20	2.5	22.5	22.5	2.37477	1.06289	0.66641	3002.42
7931	37.5	17.5	0.1063	42.5	5	5	7.5	1.87593	1.09216	0.47283	3002.58
7932	37.5	16.5	0.0025	0	2.5	2.5	12.5	1.76582	1.00414	0.44476	3002.63
7933	37.5	16.5	0.0025	0	2.5	2.5	12.5	1.76582	1.00414	0.44476	3002.63
7934	20	4	0.10836	12.5	5	10	32.5	2.14438	1.04278	0.49796	3002.63
7935	32.5	12.5	0.10836	22.5	10	30	7.5	1.018	1.09233	0.44191	3002.77
7936	32.5	12.5	0.10836	22.5	10	30	7.5	1.018	1.09233	0.44191	3002.77
7937	24.5	6.5	0.27506	0	1	4	32	1.67916	1.01296	0.48352	3002.8
7938	30	12.5	0.33341	2.5	0	32.5	30	2.5207	1.13436	0.63443	3002.93
7939	30	12.5	0.33341	2.5	0	32.5	30	2.5207	1.13436	0.63443	3002.93
7940	27.5	5	0.33341	0	0	8	73.5	1.50385	1.02064	0.43922	3003.1
7941	30	14	0.10836	45	7.5	5	5	1.57292	1.04327	0.44561	3003.12
7942	30	9.5	0.10836	32.5	2.5	12.5	5	1.57471	1.04824	0.44376	3003.13
7943	30	14	0.10836	1	1.5	12.5	32	1.34257	1.00828	0.38654	3003.16
7944	17.5	2.5	0.33341	12.5	0	30	32.5	1.83739	1.01705	0.4979	3003.31
7945	27.5	9	0.33341	15	0	16	30	1.67535	1.11925	0.41132	3003.34
7946	25	5	0.10836	15	5	12.5	27.5	1.8102	1.12985	0.53974	3003.44
7947	22.5	6.5	0.27506	35	2.5	2.5	10	1.3635	1.04332	0.37926	3003.5
7948	32.5	14.5	0.03334	2.5	2.5	7.5	32.5	1.44722	1.02605	0.4375	3003.58
7949	30	10	0.03334	5	0	7.5	27.5	1.42297	1.03156	0.47319	3003.68
7950	27.5	5	0.33343	7.5	27.5	20	17.5	1.41417	1.07809	0.44453	3003.75
7951	31	10.5	0.10836	0	0	5	15	1.32592	1.07595	0.41384	3003.85
7952	31	10.5	0.10836	0	0	5	15	1.32592	1.07595	0.41384	3003.85
7953	25	5	0.33341	0	0	22.5	32.5	1.20397	1.09035	0.42634	3003.93
7954	25	2.5	0.33341	5	7.5	10	35	1.79993	1.0498	0.49492	3003.94

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7955	30	5	0.33341	5	5	7.5	35	1.65077	1.10062	0.4666	3003.99
7956	30	10	0.10836	10	2.5	7.5	27.5	1.33475	1.11737	0.40111	3004.21
7957	30	14	0.10836	2.5	7.5	20	7.5	1.4175	1.09243	0.43445	3004.27
7958	30	14	0.10836	2.5	7.5	20	7.5	1.4175	1.09243	0.43445	3004.27
7959	30	14	0.10836	2.5	7.5	20	7.5	1.4175	1.09243	0.43445	3004.27
7960	30	14	0.10836	2.5	7.5	20	7.5	1.4175	1.09243	0.43445	3004.27
7961	20	5	0.27506	10	2.5	17.5	27.5	1.13645	1.06658	0.37271	3004.44
7962	30	12.5	0.10836	52.5	7.5	7.5	7.5	1.07061	1.21273	0.37692	3004.55
7963	28.5	12.5	0.03334	2.5	0	7.5	43.5	1.51438	1.00555	0.48162	3004.63
7964	28.5	12.5	0.03334	2.5	0	7.5	43.5	1.51438	1.00555	0.48162	3004.63
7965	31	13.5	0.10836	2.5	0	5	39	1.18467	1.07205	0.41136	3004.66
7966	30	11.5	0.10836	2.5	1.5	26	30	1.30376	1.16404	0.36572	3004.66
7967	30	10	0.03331	7.5	12.5	12.5	22.5	0.74107	1.12342	0.37266	3004.68
7968	25	5	0.10836	15	10	15	15	1.00812	1.12162	0.38843	3004.71
7969	30	10	0.10836	1	6.5	7.5	39.5	1.22896	1.11763	0.36801	3004.82
7970	30	10	0.10836	1	6.5	7.5	39.5	1.22896	1.11763	0.36801	3004.82
7971	30	12	0.10836	22.5	2.5	7.5	20	1.14172	1.10038	0.40777	3004.83
7972	30	12	0.10836	22.5	2.5	7.5	20	1.14172	1.10038	0.40777	3004.83
7973	22.5	5	0.33341	0	0	12.5	47.5	1.19544	1.06731	0.39427	3004.86
7974	27.5	12.5	0.10836	0	0	17.5	37.5	1.19544	1.06731	0.39427	3004.86
7975	30	12.5	0.01084	0	0	2.5	37.5	1.13811	1.08097	0.40822	3005.02
7976	30	12.5	0.03543	0	0	2.5	27.5	1.08501	1.06404	0.3719	3005.05
7977	32.5	11	0.09169	0	0	0	10	1.08501	1.06404	0.3719	3005.05
7978	32.5	11	0.09169	0	0	0	10	1.08501	1.06404	0.3719	3005.05
7979	32.5	11	0.09169	0	0	0	10	1.08501	1.06404	0.3719	3005.05
7980	30.5	10.5	0.10836	25	0	7.5	17.5	1.0384	1.12506	0.38015	3005.13
7981	25.5	7.5	0.10836	0	5	10	40	0.97109	1.07202	0.36152	3005.55
7982	30.5	11	0.10836	0	0	10	47	1.13359	1.1133	0.39357	3005.56
7983	32.5	20	0.10836	2.5	2.5	10	30	0.75849	1.209	0.35608	3005.58
7984	35	12.5	0.03334	0	5	7.5	20	0.75849	1.209	0.35608	3005.58
7985	30	15	0.10836	15	2.5	15	12.5	0.6702	1.136	0.35863	3005.68
7986	30	12.5	0.1063	2.5	5	15	37.5	0.94166	1.1089	0.38385	3005.86
7987	30	12.5	0.1063	2.5	5	15	37.5	0.94166	1.1089	0.38385	3005.86
7988	35	15	0.03331	5	2.5	22.5	22.5	0.82812	1.10504	0.37278	3006.04
7989	35	12.5	0.03334	2.5	2.5	12.5	35	1.2241	1.13193	0.38673	3006.12
7990	30	10	0.01084	0	0	10	22.5	0.93085	1.09164	0.39205	3006.34
7991	30	10	0.01084	0	0	10	22.5	0.93085	1.09164	0.39205	3006.34
7992	30	12.5	0.03331	2.5	0	15	37.5	0.84961	1.11188	0.38638	3006.4
7993	24	5.5	0.10836	7.5	2.5	7.5	26	1.43466	1.06343	0.44783	3006.65

No.	LL	PI	K_{sat}	ρ_4	ρ_{10}	ρ_{40}	ρ_{200}	a_f	b_f	c_f	h_r
7994	24	5.5	0.10836	7.5	2.5	7.5	26	1.43466	1.06343	0.44783	3006.65
7995	35	15	0.10836	50	2.5	17.5	10	0.84269	1.08987	0.39135	3006.66
7996	35	15	0.10836	0	0	5	27.5	0.85147	1.10716	0.3735	3006.78
7997	35	15	0.10836	0	0	5	27.5	0.85147	1.10716	0.3735	3006.78
7998	52.5	30	0.01084	40	15	5	2.5	0.44552	1.25104	0.2971	3006.81
7999	29	12	0.10836	0	2.5	21	26.5	0.92471	1.08876	0.38393	3006.86
8000	29	12	0.10836	0	2.5	21	26.5	0.92471	1.08876	0.38393	3006.86