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TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF ARGON
VOLUME II. CONSTANT PRESSURE

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Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

March 1969

VON KÁRMÁN GAS DYNAMICS FACILITY

ARNOLD ENGINEERING DEVELOPMENT CENTER

AIR FORCE SYSTEMS COMMAND

ARNOLD AIR FORCE STATION, TENNESSEE

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Volumes I and II

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Herbert S. Brahinsky and Charles A. Neel

Arnold Engineering Development Center
Air Force Systems Command
Arnold Air Force Station, Tennessee

VOLUME I: CONSTANT TEMPERATURE

The density range of these data is between a log ρ of -5.0 and 2.4. This error should be changed on pages iii, vii, and Form DD 1473.

VOLUME II: CONSTANT PRESSURE

The pressure range of these data is between a log P of -4.9 and 4.2. This error should be changed on pages iii, vii, and Form DD 1473.

TABLES OF EQUILIBRIUM THERMODYNAMIC
PROPERTIES OF ARGON
VOLUME II. CONSTANT PRESSURE

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ABSTRACT

Equilibrium thermodynamic data are presented for argon from a log P of -6.9 to 4.2 and from a temperature of 300 to 35,000°K, where P is pressure in atmospheres. These data are tabulated at constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z^*. Several sources were used in assembling the data.

CONTENTS

TABLE I

NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and one atmosphere from $\sqrt{\gamma RT}$
C_p	Specific heat at constant pressure
C_v	Specific heat at constant volume
E	Internal energy
H	Enthalpy
ln	Logarithm to base e
log	Logarithm to base 10
P	Pressure, atm
P_o	Reference pressure, 1 atm
R	Gas constant
S/R	Dimensionless entropy
T	Temperature, °K
Z	Compressibility factor
Z^*	Total number of moles/mole at 273.15°K and one atm
γ	Ratio of specific heats
γ_E	Isentropic exponent $(\partial \log P / \partial \log \rho)_S$

ρ Density, amagats

ρ_O Reference density, 1 amagat; the density at 1 atm of pressure and 273. 15°K

CONSTANTS FOR USE WITH ARGON TABLES

T_O = 273. 15°K

Gravitational Constant = 32. 174 ft/sec^2

1 Btu = 778. 158 ft-lb

1 gm-cal = 42, 692. 8 gm-cm

1 lb/ft^3 = 62. 4283 gm/cm^3

P_O = 1. 0 atm

     = 1. 03323 x 10^3 gm/cm^2

     = 14. 6959 psi

     = 2116. 22 psf

     = 760 mm Hg

     = 1. 013246 x 10^5 newtons/m^2

γ ι= 1. 6666 for AA calculation

AA = 1010. 259 ft/sec

     = 307. 927 m/sec

Molecular Weight = 39. 944

R = 1. 98719 gm-cal/gm-mole °K
or Btu/lb-mole °R

     = 4. 97494 x 10^{-2} gm-cal/gm °K
or Btu/lb °R

     = 2241. 988 ft^2/sec^2 °K

     = 1245. 549 ft^2/sec^2 °R

     = 3. 66099 x 10^{-3} atm/amagat °K

ρ_O = 1. 0 amagat

     = 4. 45864 x 10^{-5} gm-mole/cm^3

     = 1. 78096 x 10^{-3} gm/cm^3

     = 1. 11182 x 10^{-1} lb/ft^3

     = 3. 45565 x 10^{-3} slugs/ft^3

DISCUSSION

Accurate thermodynamic data are of obvious importance for modern-day gasdynamic studies. In accordance with this philosophy, the Arnold Engineering Development Center (AEDC) has sponsored much of the work of the National Bureau of Standards (NBS) in producing and publishing the thermodynamic properties of several gases, an example of which is the AEDC report of Hilsenrath, Messina and Klein (Ref. 1) for argon. In Ref. 1 the data are presented in tables of constant temperature with the independent variable being log ρ and the dependent variables being Z, E/RT, H/RT, S/R, log ρ, and Z*. These data include ionization and second virial corrections. The data of Little (Ref. 2), which are based in part on the work of Din (Ref. 3), are in the same format as the NBS data but cover the lower temperature range. However, to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density, may be desirable. For example, interpolations at constant pressure and constant entropy greatly simplify normal shock crossing and isentropic expansion calculations; interpolated speed of sound and specific heat data are also of great value. Hence a project has been undertaken at the AEDC to assemble the above-described data in various formats by interpolating the basic data (NBS format) using the four-point Lagrange interpolation formula described by Lewis and Neel (Ref. 4).

Table I presents these data from log P = -6.9 to 4.2 in increments of 0.1 in log P over a temperature range between 300 and 35,000°K. Pressure is in atmospheres. Each set of data is at a constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z* in that order. In the parameter log H/R, H/R is in degrees Kelvin. Constants for reducing the data to various dimensional units are found in the nomenclature.

REFERENCES

1. Hilsenrath, J., Messina, C. G., and Klein, M. "Table of Thermodynamic Properties and Chemical Composition of Argon in Chemical Equilibrium Including Second Virial Corrections from 2400°K to 35,000°K." AEDC-TR-66-248 (AD644081), December 1966.

2. Little, W. J. "Tables of Thermodynamic Properties of Argon from 100 to 3000°K." AEDC-TDR-64-48 (AD442305), April 1964.

3. Din, F. <u>Thermodynamic Functions of Gases</u>, Vol. 2. Butterworths Scientific Publications, London, 1956.

4. Lewis, C. H. and Neel, C. A. "Specific Heat and Speed of Sound Data for Imperfect Air." AEDC-TDR-64-36 (AD600469), May 1964.

TABLE I
THERMODYNAMIC DATA AT CONSTANT PRESSURE FOR ARGON

```
                        LOG P=-4.9
   T    LOG H/R  LOG RHO     Z        S/R       H/RT       Z*
  300   2.8751   -4.9407  1.0000   29.9095    2.5000    1.00000


                        LOG P=-4.8
   T    LOG H/R  LOG RHO     Z        S/R       H/RT       Z*
  300   2.8751   -4.8407  1.0000   29.6792    2.5000    1.00000
  400   3.0000   -4.9657  1.0000   30.3984    2.5000    1.00000


                        LOG P=-4.7
   T    LOG H/R  LOG RHO ·   Z        S/R       H/RT       Z*
  300   2.8751   -4.7407  1.0000   29.4490    2.5000    1.00000
  400   3.0000   -4.8657  1.0000   30.1682    2.5000    1.00000
  500   3.0969   -4.9626  1.0000   30.7260    2.5000    1.00000


                        LOG P=-4.6
   T    LOG H/R  LOG RHO     Z        S/R       H/RT       Z*
  300   2.8751   -4.6407  1.0000   29.2187    2.5000    1.00000
  400   3.0000   -4.7657  1.0000   29.9379    2.5000    1.00000
  500   3.0969   -4.8626  1.0000   30.4958    2.5000    1.00000
  600   3.1761   -4.9418  1.0000   30.9516    2.5000    1.00000


                        LOG P=-4.5
   T    LOG H/R  LOG RHO     Z        S/R       H/RT       Z*
  300   2.8751   -4.5407  1.0000   28.9885    2.5000    1.00000
  400   3.0000   -4.6657  1.0000   29.7077    2.5000    1.00000
  500   3.0969   -4.7626  1.0000   30.2655    2.5000    1.00000
  600  ·3.1761   -4.8417  1.0000   30.7213    2.5000    1.00000
  700   3.2430   -4.9087  1.0000   31.1067    2.5000   ˙1.00000
  800   3.3010   -4.9667  1.0000   31.4405    2.5000    1.00000


                        LOG P=-4.4
   T    LOG H/R  LOG RHO     Z        S/R       H/RT       Z*
  300   2.8751   -4.4407  1.0000   28.7582    2.5000    1.00000
  400   3.0000   -4.5657  1.0000   29.4774    2.5000    1.00000
  500   3.0969   -4.6626  1.0000   30.0353    2.5000    1.00000
  600   3.1761   -4.7418  1.0000   30.4911    2.5000    1.00000
  700   3.2430   -4.8087  1.0000   30.8764    2.5000    1.00000
  800   3.3010   -4.8667  1.0000   31.2103    2.5000    1.00000
  900   3.3522   -4.9178  1.0000   31.5047    2.5000    1.00000
 1000   3.3979   -4.9640  1.0000   31.7672    2.5000    1.00000


                        LOG P=-4.3
   T    LOG H/R  LOG RHO     Z        S/R       H/RT       Z*
  300   2.8751   -4.3407  1.0000   28.5280    2.5000    1.00000
  400   3.0000   -4.4657  1.0000   29.2472    2.5000    1.00000
  500   3.0969   -4.5626  1.0000   29.8050    2.5000    1.00000
  600   3.1761   -4.6417  1.0000   30.2608    2.5000    1.00000
  700   3.2430   -4.7087  1.0000   30.6462    2.5000    1.00000
  800   3.3010   -4.7667  1.0000   30.9800    2.5000    1.00000
  900   3.3522   -4.8178  1.0000   31.2745    2.5000    1.0000ſ
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LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1000	3.3979	-4.8640	1.0000	31.5368	2.5000	1.00000
1200	3.4771	-4.9432	1.0000	31.9927	2.5000	1.00000

LOG P=-4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-4.2407	1.0000	28.2977	2.5000	1.00000
400	3.0000	-4.3657	1.0000	29.0169	2.5000	1.00000
500	3.0969	-4.4626	1.0000	29.5748	2.5000	1.00000
600	3.1761	-4.5418	1.0000	30.0306	2.5000	1.00000
700	3.2430	-4.6087	1.0000	30.4160	2.5000	1.00000
800	3.3010	-4.6667	1.0000	30.7498	2.5000	1.00000
900	3.3522	-4.7178	1.0000	31.0442	2.5000	1.00000
1000	3.3979	-4.7640	1.0000	31.3066	2.5000	1.00000
1200	3.4771	-4.8432	1.0000	31.7624	2.5000	1.00000
1400	3.5441	-4.9101	1.0000	32.1477	2.5000	1.00000
1500	3.5740	-4.9401	1.0000	32.3203	2.5000	1.00000
1600	3.6021	-4.9681	1.0000	32.4816	2.5000	1.00000

LOG P=-4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-4.1407	1.0000	28.0674	2.5000	1.00000
400	3.0000	-4.2657	1.0000	28.7867	2.5000	1.00000
500	3.0969	-4.3626	1.0000	29.3445	2.5000	1.00000
600	3.1761	-4.4418	1.0000	29.8003	2.5000	1.00000
700	3.2430	-4.5087	1.0000	30.1857	2.5000	1.00000
800	3.3010	-4.5667	1.0000	30.5195	2.5000	1.00000
900	3.3522	-4.6178	1.0000	30.8140	2.5000	1.00000
1000	3.3979	-4.6640	1.0000	31.0763	2.5000	1.00000
1200	3.4771	-4.7432	1.0000	31.5322	2.5000	1.00000
1400	3.5441	-4.8101	1.0000	31.9174	2.5000	1.00000
1500	3.5740	-4.8401	1.0000	32.0900	2.5000	1.00000
1600	3.6021	-4.8681	1.0000	32.2513	2.5000	1.00000
1800	3.6532	-4.9193	1.0000	32.5458	2.5000	1.00000
2000	3.6990	-4.9650	1.0000	32.8091	2.5000	1.00000

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-4.0407	1.0000	27.8372	2.5000	1.00000
400	3.0000	-4.1657	1.0000	28.5564	2.5000	1.00000
500	3.0969	-4.2626	1.0000	29.1143	2.5000	1.00000
600	3.1761	-4.3418	1.0000	29.5701	2.5000	1.00000
700	3.2430	-4.4087	1.0000	29.9554	2.5000	1.00000
800	3.3010	-4.4667	1.0000	30.2893	2.5000	1.00000
900	3.3522	-4.5178	1.0000	30.5837	2.5000	1.00000
1000	3.3979	-4.5640	1.0000	30.8461	2.5000	1.00000
1200	3.4771	-4.6432	1.0000	31.3020	2.5000	1.00000
1400	3.5441	-4.7101	1.0000	31.6872	2.5000	1.00000
1500	3.5740	-4.7401	1.0000	31.8598	2.5000	1.00000
1600	3.6021	-4.7681	1.0000	32.0210	2.5000	1.00000
1800	3.6532	-4.8193	1.0000	32.3156	2.5000	1.00000
2000	3.6990	-4.8650	1.0000	32.5789	2.5000	1.00000
2200	3.7404	-4.9064	1.0000	32.8173	2.5000	1.00000

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	3.7782	-4.9442	1.0000	33.0348	2.5000	1.00000
2500	3.7959	-4.9619	1.0000	33.1367	2.5000	1.00000
2600	3.8129	-4.9790	1.0000	33.2349	2.5000	1.00000

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.9407	1.0000	27.6069	2.5000	1.00000
400	3.0000	-4.0657	1.0000	28.3261	2.5000	1.00000
500	3.0969	-4.1626	1.0000	28.8840	2.5000	1.00000
600	3.1761	-4.2418	1.0000	29.3398	2.5000	1.00000
700	3.2430	-4.3087	1.0000	29.7252	2.5000	1.00000
800	3.3010	-4.3667	1.0000	30.0590	2.5000	1.00000
900	3.3522	-4.4178	1.0000	30.3535	2.5000	1.00000
1000	3.3979	-4.4640	1.0000	30.6158	2.5000	1.00000
1200	3.4771	-4.5432	1.0000	31.0717	2.5000	1.00000
1400	3.5441	-4.6101	1.0000	31.4569	2.5000	1.00000
1500	3.5740	-4.6401	1.0000	31.6295	2.5000	1.00000
1600	3.6021	-4.6681	1.0000	31.7908	2.5000	1.00000
1800	3.6532	-4.7193	1.0000	32.0854	2.5000	1.00000
2000	3.6990	-4.7650	1.0000	32.3487	2.5000	1.00000
2200	3.7404	-4.8064	1.0000	32.5870	2.5000	1.00000
2400	3.7781	-4.8442	1.0000	32.8045	2.5000	1.00000
2500	3.7959	-4.8619	1.0000	32.9065	2.5000	1.00000
2600	3.8129	-4.8790	1.0000	33.0047	2.5000	1.00000
2800	3.8451	-4.9112	1.0000	33.1900	2.5000	1.00000
3000	3.8751	-4.9411	1.0000	33.3623	2.5000	1.00000
3200	3.9031	-4.9691	1.0000	33.5236	2.5000	1.00000
3400	3.9294	-4.9955	1.0000	33.6753	2.5000	1.00000

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.8407	1.0000	27.3767	2.5000	1.00000
400	3.0000	-3.9657	1.0000	28.0959	2.5000	1.00000
500	3.0969	-4.0626	1.0000	28.6538	2.5000	1.00000
600	3.1761	-4.1418	1.0000	29.1095	2.5000	1.00000
700	3.2430	-4.2087	1.0000	29.4949	2.5000	1.00000
800	3.3010	-4.2667	1.0000	29.8288	2.5000	1.00000
900	3.3522	-4.3178	1.0000	30.1232	2.5000	1.00000
1000	3.3979	-4.3640	1.0000	30.3856	2.5000	1.00000
1200	3.4771	-4.4432	1.0000	30.8415	2.5000	1.00000
1400	3.5441	-4.5101	1.0000	31.2267	2.5000	1.00000
1500	3.5740	-4.5401	1.0000	31.3992	2.5000	1.00000
1600	3.6021	-4.5681	1.0000	31.5605	2.5000	1.00000
1800	3.6532	-4.6193	1.0000	31.8551	2.5000	1.00000
2000	3.6990	-4.6650	1.0000	32.1184	2.5000	1.00000
2200	3.7404	-4.7064	1.0000	32.3567	2.5000	1.00000
2400	3.7781	-4.7442	1.0000	32.5743	2.5000	1.00000
2500	3.7959	-4.7619	1.0000	32.6762	2.5000	1.00000
2600	3.8129	-4.7790	1.0000	32.7744	2.5000	1.00000
2800	3.8451	-4.8112	1.0000	32.9597	2.5000	1.00000
3000	3.8751	-4.8411	1.0000	33.1321	2.5000	1.00000
3200	3.9031	-4.8691	1.0000	33.2934	2.5000	1.00000
3400	3.9294	-4.8955	1.0000	33.4451	2.5000	1.00000

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	3.9420	-4.9081	1.0000	33.5176	2.5000	1.00000
3600	3.9542	-4.9203	1.0000	33.5880	2.5000	1.00000
3800	3.9777	-4.9438	1.0000	33.7231	2.5000	1.00000
4000	4.0000	-4.9661	1.0000	33.8514	2.5000	1.00000
4200	4.0212	-4.9872	1.0000	33.9733	2.5001	1.00000

LOG P=-3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.7407	1.0000	27.1464	2.5000	1.00000
400	3.0000	-3.8657	1.0000	27.8656	2.5000	1.00000
500	3.0969	-3.9626	1.0000	28.4235	2.5000	1.00000
600	3.1761	-4.0418	1.0000	28.8793	2.5000	1.00000
700	3.2430	-4.1087	1.0000	29.2647	2.5000	1.00000
800	3.3010	-4.1667	1.0000	29.5985	2.5000	1.00000
900	3.3522	-4.2178	1.0000	29.8930	2.5000	1.00000
1000	3.3979	-4.2640	1.0000	30.1553	2.5000	1.00000
1200	3.4771	-4.3432	1.0000	30.6112	2.5000	1.00000
1400	3.5441	-4.4101	1.0000	30.9964	2.5000	1.00000
1500	3.5740	-4.4401	1.0000	31.1690	2.5000	1.00000
1600	3.6021	-4.4681	1.0000	31.3303	2.5000	1.00000
1800	3.6532	-4.5193	1.0000	31.6249	2.5000	1.00000
2000	3.6990	-4.5650	1.0000	31.8882	2.5000	1.00000
2200	3.7404	-4.6064	1.0000	32.1264	2.5000	1.00000
2400	3.7782	-4.6442	1.0000	32.3440	2.5000	1.00000
2500	3.7959	-4.6619	1.0000	32.4460	2.5000	1.00000
2600	3.8129	-4.6790	1.0000	32.5442	2.5000	1.00000
2800	3.8451	-4.7112	1.0000	32.7295	2.5000	1.00000
3000	3.8751	-4.7411	1.0000	32.9018	2.5000	1.00000
3200	3.9031	-4.7691	1.0000	33.0631	2.5000	1.00000
3400	3.9294	-4.7955	1.0000	33.2148	2.5000	1.00000
3500	3.9420	-4.8081	1.0000	33.2873	2.5000	1.00000
3600	3.9542	-4.8203	1.0000	33.3577	2.5000	1.00000
3800	3.9777	-4.8438	1.0000	33.4929	2.5000	1.00000
4000	4.0000	-4.8661	1.0000	33.6211	2.5000	1.00000
4200	4.0212	-4.8872	1.0000	33.7431	2.5001	1.00000
4400	4.0414	-4.9075	1.0000	33.8596	2.5002	1.00000
4500	4.0512	-4.9172	1.0000	33.9159	2.5003	1.00001
4600	4.0608	-4.9268	1.0000	33.9711	2.5005	1.00001
4800	4.0794	-4.9453	1.0000	34.0781	2.5011	1.00002
5000	4.0973	-4.9630	1.0001	34.1815	2.5025	1.00006
5200	4.1148	-4.9801	1.0001	34.2824	2.5051	1.00013
5400	4.1321	-4.9965	1.0003	34.3817	2.5099	1.00027

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.6407	1.0000	26.9162	2.5000	1.00000
400	3.0000	-3.7657	1.0000	27.6354	2.5000	1.00000
500	3.0969	-3.8626	1.0000	28.1932	2.5000	1.00000
600	3.1761	-3.9418	1.0000	28.6490	2.5000	1.00000
700	3.2430	-4.0087	1.0000	29.0344	2.5000	1.00000
800	3.3010	-4.0667	1.0000	29.3682	2.5000	1.00000
900	3.3522	-4.1178	1.0000	29.6627	2.5000	1.00000
1000	3.3979	-4.1640	1.0000	29.9251	2.5000	1.00000

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.4771	-4.2432	1.0000	30.3810	2.5000	1.00000
1400	3.5441	-4.3101	1.0000	30.7662	2.5000	1.00000
1500	3.5740	-4.3401	1.0000	30.9387	2.5000	1.00000
1600	3.6021	-4.3681	1.0000	31.1000	2.5000	1.00000
1800	3.6532	-4.4193	1.0000	31.3946	2.5000	1.00000
2000	3.6990	-4.4650	1.0000	31.6579	2.5000	1.00000
2200	3.7404	-4.5064	1.0000	31.8961	2.5000	1.00000
2400	3.7781	-4.5442	1.0000	32.1137	2.5000	1.00000
2500	3.7959	-4.5619	1.0000	32.2157	2.5000	1.00000
2600	3.8129	-4.5790	1.0000	32.3139	2.5000	1.00000
2800	3.8451	-4.6112	1.0000	32.4993	2.5000	1.00000
3000	3.8751	-4.6411	1.0000	32.6716	2.5000	1.00000
3200	3.9031	-4.6691	1.0000	32.8329	2.5000	1.00000
3400	3.9294	-4.6955	1.0000	32.9845	2.5000	1.00000
3500	3.9420	-4.7081	1.0000	33.0571	2.5000	1.00000
3600	3.9542	-4.7203	1.0000	33.1274	2.5000	1.00000
3800	3.9777	-4.7438	1.0000	33.2627	2.5000	1.00000
4000	4.0000	-4.7661	1.0000	33.3909	2.5000	1.00000
4200	4.0212	-4.7872	1.0000	33.5128	2.5001	1.00000
4400	4.0414	-4.8075	1.0000	33.6293	2.5002	1.00000
4500	4.0512	-4.8172	1.0000	33.6856	2.5003	1.00001
4600	4.0608	-4.8268	1.0000	33.7408	2.5004	1.00001
4800	4.0794	-4.8452	1.0000	33.8476	2.5010	1.00002
5000	4.0973	-4.8630	1.0001	33.9510	2.5023	1.00005
5200	4.1147	-4.8800	1.0001	34.0514	2.5046	1.00012
5400	4.1319	-4.8965	1.0002	34.1504	2.5088	1.00024
5500	4.1404	-4.9045	1.0003	34.1997	2.5122	1.00034
5600	4.1490	-4.9124	1.0005	34.2495	2.5164	1.00047
5800	4.1664	-4.9277	1.0009	34.3505	2.5292	1.00086
6000	4.1847	-4.9428	1.0015	34.4575	2.5501	1.00151
6200	4.2045	-4.9575	1.0026	34.5746	2.5829	1.00258
6400	4.2266	-4.9720	1.0043	34.7074	2.6329	1.00427
6500	4.2389	-4.9792	1.0054	34.7820	2.6666	1.00543
6600	4.2521	-4.9865	1.0068	34.8637	2.7074	1.00684

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.5407	1.0000	26.6859	2.5000	1.00000
400	3.0000	-3.6657	1.0000	27.4051	2.5000	1.00000
500	3.0969	-3.7626	1.0000	27.9629	2.5000	1.00000
600	3.1761	-3.8418	1.0000	28.4188	2.5000	1.00000
700	3.2430	-3.9087	1.0000	28.8042	2.5000	1.00000
800	3.3010	-3.9667	1.0000	29.1380	2.5000	1.00000
900	3.3522	-4.0178	1.0000	29.4324	2.5000	1.00000
1000	3.3979	-4.0640	1.0000	29.6948	2.5000	1.00000
1200	3.4771	-4.1432	1.0000	30.1507	2.5000	1.00000
1400	3.5441	-4.2101	1.0000	30.5359	2.5000	1.00000
1500	3.5740	-4.2401	1.0000	30.7085	2.5000	1.00000
1600	3.6021	-4.2681	1.0000	30.8698	2.5000	1.00000
1800	3.6532	-4.3193	1.0000	31.1644	2.5000	1.00000
2000	3.6990	-4.3650	1.0000	31.4276	2.5000	1.00000
2200	3.7404	-4.4064	1.0000	31.6659	2.5000	1.00000
2400	3.7782	-4.4442	1.0000	31.8835	2.5000	1.00000
2500	3.7959	-4.4619	1.0000	31.9855	2.5000	1.00000

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2600	3.8129	-4.4790	1.0000	32.0837	2.5000	1.00000
2800	3.8451	-4.5112	1.0000	32.2690	2.5000	1.00000
3000	3.8751	-4.5411	1.0000	32.4413	2.5000	1.00000
3200	3.9031	-4.5691	1.0000	32.6026	2.5000	1.00000
3400	3.9294	-4.5955	1.0000	32.7543	2.5000	1.00000
3500	3.9420	-4.6081	1.0000	32.8268	2.5000	1.00000
3600	3.9542	-4.6203	1.0000	32.8971	2.5000	1.00000
3800	3.9777	-4.6438	1.0000	33.0324	2.5000	1.00000
4000	4.0000	-4.6661	1.0000	33.1607	2.5000	1.00000
4200	4.0212	-4.6872	1.0000	33.2825	2.5001	1.00000
4400	4.0414	-4.7075	1.0000	33.3991	2.5001	1.00000
4500	4.0512	-4.7172	1.0000	33.4553	2.5002	1.00001
4600	4.0608	-4.7268	1.0000	33.5105	2.5003	1.00001
4800	4.0793	-4.7452	1.0000	33.6172	2.5009	1.00002
5000	4.0973	-4.7630	1.0000	33.7205	2.5020	1.00005
5200	4.1147	-4.7800	1.0001	33.8206	2.5041	1.00011
5400	4.1317	-4.7965	1.0002	33.9191	2.5078	1.00022
5500	4.1402	-4.8045	1.0003	33.9681	2.5108	1.00030
5600	4.1487	-4.8124	1.0004	34.0173	2.5146	1.00041
5800	4.1659	-4.8277	1.0008	34.1169	2.5260	1.00076
6000	4.1838	-4.8427	1.0013	34.2215	2.5446	1.00134
6200	4.2030	-4.8574	1.0023	34.3347	2.5739	1.00231
6400	4.2242	-4.8718	1.0038	34.4618	2.6185	1.00380
6500	4.2359	-4.8790	1.0048	34.5325	2.6485	1.00484
6600	4.2485	-4.8862	1.0061	34.6095	2.6849	1.00610
6800	4.2767	-4.9006	1.0095	34.7873	2.7810	1.00954
7000	4.3101	-4.9154	1.0145	35.0059	2.9172	1.01454
7200	4.3496	-4.9307	1.0217	35.2796	3.1061	1.02166
7400	4.3960	-4.9468	1.0316	35.6250	3.3631	1.03163
7500	4.4219	-4.9552	1.0379	35.8307	3.5227	1.03794
7600	4.4498	-4.9640	1.0453	36.0623	3.7064	1.04529
7800	4.5109	-4.9829	1.0637	36.6151	4.1573	1.06371

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.4407	1.0000	26.4556	2.5000	1.00000
400	3.0000	-3.5657	1.0000	27.1748	2.5000	1.00000
500	3.0969	-3.6626	1.0000	27.7327	2.5000	1.00000
600	3.1761	-3.7418	1.0000	28.1885	2.5000	1.00000
700	3.2430	-3.8087	1.0000	28.5739	2.5000	1.00000
800	3.3010	-3.8667	1.0000	28.9077	2.5000	1.00000
900	3.3522	-3.9178	1.0000	29.2022	2.5000	1.00000
1000	3.3979	-3.9640	1.0000	29.4646	2.5000	1.00000
1200	3.4771	-4.0432	1.0000	29.9205	2.5000	1.00000
1400	3.5441	-4.1101	1.0000	30.3057	2.5000	1.00000
1500	3.5740	-4.1401	1.0000	30.4783	2.5000	1.00000
1600	3.6021	-4.1681	1.0000	30.6395	2.5000	1.00000
1800	3.6532	-4.2193	1.0000	30.9341	2.5000	1.00000
2000	3.6990	-4.2650	1.0000	31.1973	2.5000	1.00000
2200	3.7404	-4.3064	1.0000	31.4357	2.5000	1.00000
2400	3.7781	-4.3442	1.0000	31.6532	2.5000	1.00000
2500	3.7959	-4.3619	1.0000	31.7552	2.5000	1.00000
2600	3.8129	-4.3790	1.0000	31.8534	2.5000	1.00000
2800	3.8451	-4.4112	1.0000	32.0388	2.5000	1.00000

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3000	3.8751	-4.4411	1.0000	32.2111	2.5000	1.00000
3200	3.9031	-4.4691	1.0000	32.3724	2.5000	1.00000
3400	3.9294	-4.4955	1.0000	32.5240	2.5000	1.00000
3500	3.9420	-4.5081	1.0000	32.5966	2.5000	1.00000
3600	3.9542	-4.5203	1.0000	32.6668	2.5000	1.00000
3800	3.9777	-4.5438	1.0000	32.8021	2.5000	1.00000
4000	4.0000	-4.5661	1.0000	32.9304	2.5000	1.00000
4200	4.0212	-4.5872	1.0000	33.0522	2.5001	1.00000
4400	4.0414	-4.6075	1.0000	33.1688	2.5001	1.00000
4500	4.0512	-4.6172	1.0000	33.2250	2.5002	1.00001
4600	4.0607	-4.6268	1.0000	33.2802	2.5003	1.00001
4800	4.0793	-4.6452	1.0000	33.3869	2.5008	1.00002
5000	4.0972	-4.6630	1.0000	33.4901	2.5017	1.00004
5200	4.1146	-4.6800	1.0001	33.5899	2.5036	1.00010
5400	4.1315	-4.6965	1.0002	33.6880	2.5070	1.00019
5500	4.1400	-4.7045	1.0003	33.7367	2.5096	1.00027
5600	4.1484	-4.7124	1.0004	33.7853	2.5130	1.00037
5800	4.1654	-4.7277	1.0007	33.8837	2.5232	1.00068
6000	4.1829	-4.7427	1.0012	33.9862	2.5398	1.00120
6200	4.2016	-4.7572	1.0021	34.0958	2.5658	1.00205
6400	4.2221	-4.7717	1.0034	34.2178	2.6056	1.00339
6500	4.2332	-4.7788	1.0043	34.2850	2.6323	1.00431
6600	4.2452	-4.7859	1.0054	34.3578	2.6648	1.00544
6800	4.2719	-4.8002	1.0085	34.5244	2.7504	1.00850
7000	4.3033	-4.8147	1.0129	34.7271	2.8719	1.01295
7200	4.3402	-4.8297	1.0193	34.9788	3.0402	1.01931
7400	4.3837	-4.8453	1.0282	35.2940	3.2693	1.02819
7500	4.4080	-4.8535	1.0338	35.4813	3.4117	1.03382
7600	4.4342	-4.8620	1.0404	35.6914	3.5755	1.04038
7800	4.4918	-4.8801	1.0568	36.1917	3.9779	1.05681
8000	4.5561	-4.8999	1.0785	36.8184	4.4977	1.07856
8200	4.6263	-4.9219	1.1068	37.5979	5.1584	1.10690
8400	4.7012	-4.9463	1.1430	38.5570	5.9835	1.14315
8500	4.7399	-4.9595	1.1645	39.1112	6.4643	1.16464
8600	4.7792	-4.9735	1.1884	39.7194	6.9938	1.18859

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.3407	1.0000	26.2254	2.5000	1.00000
400	3.0000	-3.4657	1.0000	26.9446	2.5000	1.00000
500	3.0969	-3.5626	1.0000	27.5025	2.5000	1.00000
600	3.1761	-3.6418	1.0000	27.9583	2.5000	1.00000
700	3.2430	-3.7087	1.0000	28.3437	2.5000	1.00000
800	3.3010	-3.7667	1.0000	28.6774	2.5000	1.00000
900	3.3522	-3.8178	1.0000	28.9719	2.5000	1.00000
1000	3.3979	-3.8640	1.0000	29.2343	2.5000	1.00000
1200	3.4771	-3.9432	1.0000	29.6902	2.5000	1.00000
1400	3.5441	-4.0101	1.0000	30.0754	2.5000	1.00000
1500	3.5740	-4.0401	1.0000	30.2480	2.5000	1.00000
1600	3.6021	-4.0681	1.0000	30.4093	2.5000	1.00000
1800	3.6532	-4.1193	1.0000	30.7038	2.5000	1.00000
2000	3.6990	-4.1650	1.0000	30.9671	2.5000	1.00000
2200	3.7404	-4.2064	1.0000	31.2054	2.5000	1.00000
2400	3.7782	-4.2442	1.0000	31.4230	2.5000	1.00000

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2500	3.7959	-4.2619	1.0000	31.5249	2.5000	1.00000
2600	3.8129	-4.2790	1.0000	31.6232	2.5000	1.00000
2800	3.8451	-4.3112	1.0000	31.8085	2.5000	1.00000
3000	3.8751	-4.3411	1.0000	31.9808	2.5000	1.00000
3200	3.9031	-4.3691	1.0000	32.1421	2.5000	1.00000
3400	3.9294	-4.3955	1.0000	32.2938	2.5000	1.00000
3500	3.9420	-4.4081	1.0000	32.3663	2.5000	1.00000
3600	3.9542	-4.4203	1.0000	32.4366	2.5000	1.00000
3800	3.9777	-4.4438	1.0000	32.5718	2.5000	1.00000
4000	4.0000	-4.4661	1.0000	32.7002	2.5000	1.00000
4200	4.0212	-4.4872	1.0000	32.8219	2.5000	1.00000
4400	4.0414	-4.5075	1.0000	32.9386	2.5001	1.00000
4500	4.0512	-4.5172	1.0000	32.9947	2.5002	1.00000
4600	4.0607	-4.5268	1.0000	33.0499	2.5003	1.00001
4800	4.0793	-4.5452	1.0000	33.1565	2.5007	1.00002
5000	4.0972	-4.5630	1.0000	33.2596	2.5015	1.00004
5200	4.1145	-4.5800	1.0001	33.3593	2.5032	1.00009
5400	4.1314	-4.5965	1.0002	33.4570	2.5062	1.00017
5500	4.1398	-4.6045	1.0002	33.5054	2.5085	1.00024
5600	4.1481	-4.6123	1.0003	33.5535	2.5116	1.00033
5800	4.1649	-4.6277	1.0006	33.6509	2.5206	1.00061
6000	4.1822	-4.6426	1.0011	33.7514	2.5355	1.00107
6200	4.2004	-4.6571	1.0018	33.8579	2.5586	1.00183
6400	4.2202	-4.6715	1.0030	33.9753	2.5941	1.00302
6500	4.2309	-4.6785	1.0038	34.0394	2.6179	1.00384
6600	4.2423	-4.6856	1.0048	34.1084	2.6468	1.00484
6800	4.2676	-4.6998	1.0076	34.2650	2.7232	1.00757
7000	4.2971	-4.7141	1.0115	34.4536	2.8314	1.01154
7200	4.3318	-4.7288	1.0172	34.6854	2.9815	1.01721
7400	4.3724	-4.7440	1.0251	34.9740	3.1858	1.02513
7500	4.3953	-4.7520	1.0301	35.1446	3.3128	1.03014
7600	4.4197	-4.7602	1.0360	35.3356	3.4588	1.03599
7800	4.4739	-4.7776	1.0506	35.7887	3.8177	1.05065
8000	4.5347	-4.7965	1.0700	36.3549	4.2817	1.07006
8200	4.6015	-4.8173	1.0953	37.0580	4.8722	1.09539
8400	4.6734	-4.8405	1.1277	37.9236	5.6116	1.12786
8500	4.7107	-4.8529	1.1470	38.4241	6.0434	1.14715
8600	4.7487	-4.8661	1.1685	38.9743	6.5200	1.16871
8800	4.8261	-4.8944	1.2188	40.2294	7.6133	1.21904
9000	4.9034	-4.9251	1.2791	41.6956	8.8946	1.27947
9200	4.9787	-4.9579	1.3493	43.3612	10.3494	1.34981
9400	5.0499	-4.9918	1.4279	45.1847	11.9335	1.42852

LOG P=-3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.2407	1.0000	25.9951	2.5000	1.00000
400	3.0000	-3.3657	1.0000	26.7143	2.5000	1.00000
500	3.0969	-3.4626	1.0000	27.2722	2.5000	1.00000
600	3.1761	-3.5418	1.0000	27.7280	2.5000	1.00000
700	3.2430	-3.6087	1.0000	28.1134	2.5000	1.00000
800	3.3010	-3.6667	1.0000	28.4472	2.5000	1.00000
900	3.3522	-3.7178	1.0000	28.7417	2.5000	1.00000
1000	3.3979	-3.7640	1.0000	29.0041	2.5000	1.00000
1200	3.4771	-3.8432	1.0000	29.4599	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5441	-3.9101	1.0000	29.8452	2.5000	1.00000
1500	3.5740	-3.9401	1.0000	30.0178	2.5000	1.00000
1600	3.6021	-3.9681	1.0000	30.1790	2.5000	1.00000
1800	3.6532	-4.0193	1.C000	30.4735	2.5000	1.00000
2000	3.6990	-4.0650	1.0000	30.7368	2.5000	1.00000
2200	3.7404	-4.1064	1.0000	30.9751	2.5000	1.00000
2400	3.7782	-4.1442	1.0000	31.1927	2.5000	1.00000
2500	3.7959	-4.1619	1.0000	31.2946	2.5000	1.00000
2600	3.8129	-4.1790	1.0000	31.3929.	2.5000	1.00000
2800	3.8451	-4.2112	1.0000	31.5782	2.5000	1.00000
3000	3.8751	-4.2411	1.0000	31.7505	2.5000	1.00000
3200	3.9031	-4.2691	1.0000	31.9118	2.5000	1.00000
3400	3.9294	-4.2955	1.0000	32.0636	2.5000	1.00000
3500	3.9420	-4.3081	1.0000	32.1361	2.5000	1.00000
3600	3.9542	-4.3203	1.0000	32.2063	2.5000	1.00000
3800	3.9777	-4.3438	1.0000	32.3416	2.5000	1.00000
4000	4.0000	-4.3661	1.0000	32.4699	2.5000	1.00000
4200	4.0212	-4.3872	1.0000	32.5917	2.5000	1.00000
4400	4.0414	-4.4075	1.0000	32.7083	2.5001	1.00000
4500	4.0512	-4.4172	1.0000	32.7644	2.5002	1.00000
4600	4.0607	-4.4268	1.0000	32.8196	2.5003	1.00001
4800	4.0793	-4.4452	1.0000	32.9262	2.5006	1.00002
5000	4.0971	-4.4630	1.0000	33.0291	2.5014	1.00003
5200	4.1144	-4.4800	1.0001	23.1286	2.5028	1.00008
5400	4.1313	-4.4964	1.0002	33.2259	2.5056	1.00015
5500	4.1396	-4.5045	1.0002	33.2740	2.5076	1.00021
5600	4.1479	-4.5123	1.0003	33.3219	2.5104	1.00030
5800	4.1645	-4.5277	1.0005	33.4182	2.5184	1.00054
6000	4.1815	-4.5426	1.0010	33.5170	2.5316	1.00095
6200	4.1993	-4.5571	1.0016	33.6209	2.5522	1.00163
6400	4.2185	-4.5714	1.0027	33.7341	2.5839	1.00269
6500	4.2287	-4.5784	1.0034	33.7955	2.6051	1.00342
6600	4.2396	-4.5854	1.0043	33.8612	2.6308	1.00432
6800	4.2637	-4.5994	1.0067	34.0087	2.6989	1.00674
7000	4.2915	-4.6136	1.0103	34.1848	2.7954	1.01029
7200	4.3241	-4.6279	1.0153	34.3990	2.9291	1.01534
7400	4.3622	-4.6429	1.0224	34.6638	3.1113	1.02240
7500	4.3835	-4.6506	1.0268	34.8194	3.2244	1.02687
7600	4.4065	-4.6586	1.0321	34.9934	3.3548	1.03209
7800	4.4573	-4.6753	1.0451	35.4043	3.6748	1.04515
8000	4.5147	-4.6934	1.0624	35.9166	4.0889	1.06248
8200	4.5781	-4.7132	1.0850	36.5511	4.6165	1.08510
8400	4.6468	-4.7352	1.1140	37.3320	5.2783	1.11416
8500	4.6827	-4.7470	1.1313	37.7839	5.6656	1.13146
8600	4.7194	-4.7594	1.1506	38.2810	6.0939	1.15082
8800	4.7946	-4.7862	1.1960	39.4185	7.0806	1.19621
9000	4.8705	-4.8154	1.2508	40.7565	8.2466	1.25116
9200	4.9455	-4.8468	1.3154	42.2918	9.5866	1.31583
9400	5.0174	-4.8798	1.3888	43.9988	11.0720	1.38938
9500	5.0515	-4.8965	1.4282	44.9005	11.8528	1.42885
9600	5.0843	-4.9132	1.4689	45.8224	12.6467	1.46957
9800	5.1444	-4.9461	1.5519	47.6810	14.2284	1.55274
10000	5.1964	-4.9770	1.6333	49.4750	15.7195	1.63423

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.1407	1.0000	25.7648	2.5000	1.00000
400	3.0000	-3.2657	1.0000	26.4841	2.5000	1.00000
500	3.0969	-3.3626	1.0000	27.0419	2.5000	1.00000
600	3.1761	-3.4418	1.0000	27.4977	2.5000	1.00000
700	3.2430	-3.5087	1.0000	27.8831	2.5000	1.00000
800	3.3010	-3.5667	1.0000	28.2169	2.5000	1.00000
900	3.3522	-3.6178	1.0000	28.5114	2.5000	1.00000
1000	3.3979	-3.6640	1.0000	28.7738	2.5000	1.00000
1200	3.4771	-3.7432	1.0000	29.2296	2.5000	1.00000
1400	3.5441	-3.8101	1.0000	29.6149	2.5000	1.00000
1500	3.5740	-3.8401	1.0000	29.7875	2.5000	1.00000
1600	3.6021	-3.8681	1.0000	29.9488	2.5000	1.00000
1800	3.6532	-3.9193	1.0000	30.2433	2.5000	1.00000
2000	3.6990	-3.9650	1.0000	30.5066	2.5000	1.00000
2200	3.7404	-4.0064	1.0000	30.7449	2.5000	1.00000
2400	3.7782	-4.0442	1.0000	30.9625	2.5000	1.00000
2500	3.7959	-4.0619	1.0000	31.0644	2.5000	1.00000
2600	3.8129	-4.0790	1.0000	31.1627	2.5000	1.00000
2800	3.8451	-4.1112	1.0000	31.3479	2.5000	1.00000
3000	3.8751	-4.1411	1.0000	31.5202	2.5000	1.00000
3200	3.9031	-4.1691	1.0000	31.6815	2.5000	1.00000
3400	3.9294	-4.1955	1.0000	31.8333	2.5000	1.00000
3500	3.9420	-4.2081	1.0000	31.9058	2.5000	1.00000
3600	3.9542	-4.2203	1.0000	31.9761	2.5000	1.00000
3800	3.9777	-4.2438	1.0000	32.1113	2.5000	1.00000
4000	4.0000	-4.2661	1.0000	32.2397	2.5000	1.00000
4200	4.0212	-4.2872	1.0000	32.3615	2.5000	1.00000
4400	4.0414	-4.3075	1.0000	32.4780	2.5001	1.00000
4500	4.0512	-4.3172	1.0000	32.5341	2.5001	1.00000
4600	4.0607	-4.3268	1.0000	32.5893	2.5002	1.00001
4800	4.0793	-4.3452	1.0000	32.6958	2.5006	1.00002
5000	4.0971	-4.3630	1.0000	32.7987	2.5012	1.00003
5200	4.1144	-4.3800	1.0001	32.8981	2.5025	1.00007
5400	4.1312	-4.3964	1.0001	32.9950	2.5050	1.00014
5500	4.1395	-4.4044	1.0002	33.0427	2.5068	1.00019
5600	4.1477	-4.4123	1.0003	33.0904	2.5092	1.00026
5800	4.1642	-4.4276	1.0005	33.1858	2.5164	1.00048
6000	4.1810	-4.4425	1.0008	33.2831	2.5281	1.00085
6200	4.1984	-4.4570	1.0015	33.3847	2.5466	1.00145
6400	4.2169	-4.4712	1.0024	33.4941	2.5748	1.00240
6500	4.2268	-4.4782	1.0030	33.5531	2.5937	1.00305
6600	4.2373	-4.4852	1.0038	33.6159	2.6167	1.00385
6800	4.2602	-4.4991	1.0060	33.7554	2.6773	1.00601
7000	4.2865	-4.5131	1.0092	33.9202	2.7633	1.00917
7200	4.3171	-4.5272	1.0137	34.1187	2.8825	1.01367
7400	4.3528	-4.5418	1.0199	34.3622	3.0448	1.01996
7500	4.3728	-4.5493	1.0239	34.5045	3.1457	1.02395
7600	4.3943	-4.5571	1.0286	34.6633	3.2619	1.02860
7800	4.4420	-4.5732	1.0402	35.0367	3.5473	1.04025
8000	4.4960	-4.5907	1.0557	35.5008	3.9168	1.05571
8200	4.5561	-4.6095	1.0758	36.0739	4.3878	1.07591
8400	4.6215	-4.6304	1.1018	36.7785	4.9798	1.10189
8500	4.6559	-4.6416	1.1172	37.1864	5.3268	1.11738
8600	4.6912	-4.6534	1.1346	37.6351	5.7111	1.13475
8800	4.7640	-4.6786	1.1754	38.6643	6.5992	1.17560

LOG P=-3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.8383	-4.7064	1.2250	39.8813	7.6563	1.22536
9200	4.9123	-4.7363	1.2840	41.2891	8.8827	1.28448
9400	4.9844	-4.7691	1.3521	42.8752	10.2631	1.35268
9500	5.0191	-4.7845	1.3891	43.7239	10.9995	1.38976
9600	5.0526	-4.8009	1.4277	44.6004	11.7571	1.42845
9800	5.1150	-4.8336	1.5081	46.3999	13.2990	1.50898
10000	5.1704	-4.8652	1.5893	48.1877	14.8032	1.59027
10200	5.2176	-4.8945	1.6667	49.8717	16.1804	1.66787
10400	5.2565	-4.9207	1.7366	51.3754	17.3577	1.73782
10500	5.2730	-4.9326	1.7678	52.0435	17.8573	1.76905
10600	5.2876	-4.9436	1.7963	52.6527	18.2949	1.79757
10800	5.3119	-4.9634	1.8450	53.6959	18.9889	1.84631
11000	5.3306	-4.9803	1.8832	54.5220	19.4617	1.88459
11200	5.3448	-4.9948	1.9125	55.1653	19.7518	1.91389

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-3.0407	1.0000	25.5346	2.5000	1.00000
400	3.0000	-3.1657	1.0000	26.2538	2.5000	1.00000
500	3.0969	-3.2626	1.0000	26.8117	2.5000	1.00000
600	3.1761	-3.3418	1.0000	27.2675	2.5000	1.00000
700	3.2430	-3.4087	1.C000	27.6529	2.5000	1.00000
800	3.3010	-3.4667	1.0000	27.9867	2.5000	1.00000
900	3.3522	-3.5178	1.0000	28.2811	2.5000	1.00000
1000	3.3979	-3.5640	1.0000	28.5435	2.5000	1.00000
1200	3.4771	-3.6432	1.0000	28.9994	2.5000	1.00000
1400	3.5441	-3.7101	1.0000	29.3846	2.5000	1.00000
1500	3.5740	-3.7401	1.0000	29.5572	2.5000	1.00000
1600	3.6021	-3.7681	1.0000	29.7185	2.5000	1.00000
1800	3.6532	-3.8193	1.0000	30.0130	2.5000	1.00000
2000	3.6990	-3.8650	1.0000	30.2763	2.5000	1.00000
2200	3.7404	-3.9064	1.0000	30.5147	2.5000	1.00000
2400	3.7782	-3.9442	1.0000	30.7322	2.5000	1.00000
2500	3.7959	-3.9619	1.0000	30.8341	2.5000	1.00000
2600	3.8129	-3.9790	1.0000	30.9324	2.5000	1.00000
2800	3.8451	-4.0112	1.0000	31.1177	2.5000	1.00000
3000	3.8751	-4.0411	1.0000	31.2900	2.5000	1.00000
3200	3.9031	-4.0691	1.0000	31.4513	2.5000	1.00000
3400	3.9294	-4.0955	1.0000	31.6030	2.5000	1.00000
3500	3.9420	-4.1081	1.0000	31.6755	2.5000	1.00000
3600	3.9542	-4.1203	1.0000	31.7458	2.5000	1.00000
3800	3.9777	-4.1438	1.0000	31.8811	2.5000	1.00000'
4000	4.0000	-4.1661	1.0000	32.0094	2.5000	1.00000
4200	4.0212	-4.1872	1.0000	32.1312	2.5000	1.00000
4400	4.0414	-4.2075	1.0000	32.2478	2.5001	1.00000
4500	4.0512	-4.2172	1.0000	32.3039	2.5001	1.00000
4600	4.0607	-4.2268	1.0000	32.3590	2.5002	1.00001
4800	4.0793	-4.2452	1.0000	32.4655	2.5005	1.00001
5000	4.0971	-4.2630	1.0000	32.5683	2.5011	1.00003
5200	4.1143	-4.2800	1.0001	32.6675	2.5023	1.00006
5400	4.1311	-4.2964	1.0001	32.7641	2.5044	1.00012
5500	4.1394	-4.3044	1.0002	32.8117	2.5061	1.00017
5600	4.1475	-4.3123	1.0002	32.8592	2.5082	1.00023
5800	4.1639	-4.3276	1.0004	32.9536	2.5146	1.00043

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6000	4.1804	-4.3425	1.0008	33.0495	2.5251	1.00076
6200	4.1975	-4.3570	1.0013	33.1491	2.5416	1.00129
6400	4.2155	-4.3711	1.0021	33.2551	2.5666	1.00214
6500	4.2251	-4.3781	1.0027	33.3120	2.5835	1.00272
6600	4.2352	-4.3851	1.0034	33.3721	2.6040	1.00343
6800	4.2571	-4.3988	1.0054	33.5046	2.6580	1.00536
7000	4.2820	-4.4127	1.0082	33.6594	2.7346	1.00817
7200	4.3108	-4.4266	1.0122	33.8440	2.8410	1.01218
7400	4.3443	-4.4409	1.0178	34.0683	2.9856	1.01780
7500	4.3630	-4.4482	1.0213	34.1989	3.0755	1.02135
7600	4.3831	-4.4558	1.0255	34.3440	3.1792	1.02549
7800	4.4278	-4.4714	1.0358	34.6841	3.4336	1.03588
8000	4.4787	-4.4882	1.0496	35.1047	3.7633	1.04967
8200	4.5354	-4.5062	1.0676	35.6231	4.1838	1.06770
8400	4.5975	-4.5260	1.0908	36.2588	4.7127	1.09091
8500	4.6304	-4.5367	1.1046	36.6271	5.0233	1.10478
8600	4.6643	-4.5478	1.1202	37.0320	5.3675	1.12034
8800	4.7345	-4.5717	1.1568	37.9621	6.1655	1.15702
9000	4.8067	-4.5981	1.2016	39.0662	7.1204	1.20194
9200	4.8796	-4.6265	1.2553	40.3512	8.2373	1.25571
9400	4.9513	-4.6570	1.3179	41.8150	9.5103	1.31849
9500	4.9862	-4.6728	1.3524	42.6070	10.1979	1.35302
9600	5.0202	-4.6889	1.3887	43.4321	10.9124	1.38939
9800	5.0844	-4.7212	1.4655	45.1530	12.3931	1.46634
10000	5.1424	-4.7529	1.5451	46.9068	13.8817	1.54614
10200	5.1931	-4.7830	1.6235	48.6077	15.2941	1.62467
10400	5.2359	-4.8106	1.6966	50.1751	16.5520	1.69786
10500	5.2543	-4.8232	1.7300	50.8880	17.1040	1.73138
10600	5.2708	-4.8351	1.7611	51.5480	17.5995	1.76249
10800	5.2986	-4.8564	1.8154	52.7001	18.4146	1.81686
11000	5.3202	-4.8748	1.8593	53.6338	19.0042	1.86077
11200	5.3369	-4.8905	1.8936	54.3715	19.3957	1.89509
11400	5.3497	-4.9041	1.9198	54.9475	19.6261	1.92130
11500	5.3550	-4.9103	1.9304	55.1853	19.6924	1.93187
11600	5.3596	-4.9162	1.9395	55.3961	19.7323	1.94104
11800	5.3674	-4.9268	1.9543	55.7473	19.7464	1.95576
12000	5.3735	-4.9367	1.9653	56.0273	19.6945	1.96673
12200	5.3785	-4.9456	1.9735	56.2534	19.5962	1.97490
12400	5.3827	-4.9539	1.9796	56.4413	19.4668	1.98101
12500	5.3846	-4.9580	1.9821	56.5247	19.3942	1.98349
12600	5.3863	-4.9620	1.9843	56.6023	19.3172	1.98565
12800	5.3895	-4.9696	1.9879	56.7434	19.1554	1.98923
13000	5.3924	-4.9770	1.9908	56.8712	18.9875	1.99207
13200	5.3952	-4.9841	1.9932	56.9910	18.8187	1.99442
13400	5.3979	-4.9911	1.9953	57.1067	18.6530	1.99652
13500	5.3992	-4.9946	1.9963	57.1647	18.5723	1.99753
13600	5.4006	-4.9980	1.9974	57.2229	18.4939	1.99855

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.9407	1.0000	25.3043	2.5000	1.00000
400	3.0000	-3.0657	1.0000	26.0236	2.5000	1.00000
500	3.0969	-3.1626	1.0000	26.5814	2.5000	1.00000
600	3.1761	-3.2418	1.0000	27.0372	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.2430	-3.3087	1.0000	27.4226	2.5000	1.00000
800	3.3010	-3.3667	1.0000	27.7564	2.5000	1.00000
900	3.3522	-3.4178	1.0000	28.0509	2.5000	1.00000
1000	3.3979	-3.4640	1.0000	28.3132	2.5000	1.00000
1200	3.4771	-3.5432	1.0000	28.7691	2.5000	1.00000
1400	3.5441	-3.6101	1.0000	29.1543	2.5000	1.00000
1500	3.5740	-3.6401	1.0000	29.3269	2.5000	1.00000
1600	3.6021	-3.6681	1.0000	29.4882	2.5000	1.00000
1800	3.6532	-3.7193	1.0000	29.7828	2.5000	1.00000
2000	3.6990	-3.7650	1.0000	30.0461	2.5000	1.00000
2200	3.7404	-3.8064	1.0000	30.2844	2.5000	1.00000
2400	3.7782	-3.8442	1.0000	30.5019	2.5000	1.00000
2500	3.7959	-3.8619	1.0000	30.6039	2.5000	1.00000
2600	3.8129	-3.8790	1.0000	30.7021	2.5000	1.00000
2800	3.8451	-3.9112	1.0000	30.8874	2.5000	1.00000
3000	3.8751	-3.9411	1.0000	31.0598	2.5000	1.00000
3200	3.9031	-3.9691	1.0000	31.2210	2.5000	1.00000
3400	3.9294	-3.9955	1.0000	31.3728	2.5000	1.00000
3500	3.9420	-4.0081	1.0000	31.4452	2.5000	1.00000
3600	3.9542	-4.0203	1.0000	31.5156	2.5000	1.00000
3800	3.9777	-4.0438	1.0000	31.6508	2.5000	1.00000
4000	4.0000	-4.0661	1.0000	31.7791	2.5000	1.00000
4200	4.0212	-4.0872	1.0000	31.9010	2.5000	1.00000
4400	4.0414	-4.1075	1.0000	32.0175	2.5001	1.00000
4500	4.0512	-4.1172	1.0000	32.0736	2.5001	1.00000
4600	4.0607	-4.1268	1.0000	32.1287	2.5002	1.00000
4800	4.0793	-4.1452	1.0000	32.2351	2.5005	1.00001
5000	4.0971	-4.1630	1.0000	32.3379	2.5009	1.00003
5200	4.1143	-4.1800	1.0001	32.4370	2.5020	1.00006
5400	4.1310	-4.1964	1.0001	32.5334	2.5040	1.00011
5500	4.1392	-4.2044	1.0001	32.5808	2.5054	1.00015
5600	4.1474	-4.2123	1.0002	32.6280	2.5073	1.00021
5800	4.1636	-4.2276	1.0004	32.7217	2.5131	1.00038
6000	4.1800	-4.2424	1.0007	32.8163	2.5224	1.00067
6200	4.1967	-4.2569	1.0012	32.9141	2.5370	1.00115
6400	4.2143	-4.2710	1.0019	33.0172	2.5594	1.00191
6500	4.2236	-4.2780	1.0024	33.0721	2.5745	1.00242
6600	4.2333	-4.2849	1.0031	33.1297	2.5927	1.00306
6800	4.2543	-4.2986	1.0048	33.2561	2.6409	1.00478
7000	4.2779	-4.3123	1.0073	33.4019	2.7091	1.00729
7200	4.3051	-4.3260	1.0109	33.5740	2.8039	1.01086
7400	4.3365	-4.3400	1.0158	33.7815	2.9328	1.01586
7500	4.3541	-4.3472	1.0190	33.9015	3.0130	1.01903
7600	4.3729	-4.3546	1.0227	34.0344	3.1054	1.02272
7800	4.4148	-4.3697	1.0320	34.3447	3.3323	1.03198
8000	4.4626	-4.3859	1.0442	34.7267	3.6263	1.04429
8200	4.5160	-4.4033	1.0603	35.1961	4.0016	1.06038
8400	4.5750	-4.4221	1.0810	35.7700	4.4739	1.08111
8500	4.6063	-4.4322	1.0934	36.1024	4.7516	1.09350
8600	4.6386	-4.4427	1.1073	36.4677	5.0597	1.10742
8800	4.7061	-4.4654	1.1401	37.3079	5.7757	1.14032
9000	4.7761	-4.4903	1.1805	38.3075	6.6360	1.18077
9200	4.8474	-4.5173	1.2291	39.4770	7.6490	1.22949
9400	4.9184	-4.5465	1.2864	40.8202	8.8153	1.28691
9500	4.9532	-4.5617	1.3182	41.5532	9.4516	1.31879

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9600	4.9874	-4.5773	1.3520	42.3226	10.1186	1.35263
9800	5.0528	-4.6089	1.4245	43.9496	11.5230	1.42531
10000	5.1130	-4.6405	1.5015	45.6461	12.9719	1.50249
10200	5.1667	-4.6711	1.5794	47.3364	14.3911	1.58062
10400	5.2130	-4.6997	1.6544	48.9413	15.7036	1.65576
10500	5.2333	-4.7129	1.6896	49.6878	16.2974	1.69101
10600	5.2517	-4.7256	1.7228	50.3903	16.8428	1.72429
10800	5.2831	-4.7484	1.7822	51.6411	17.7701	1.78379
11000	5.3080	-4.7683	1.8316	52.6806	18.4766	1.83325
11200	5.3274	-4.7853	1.8712	53.5178	18.9762	1.87286
11400	5.3425	-4.8001	1.9021	54.1805	19.2999	1.90376
11500	5.3486	-4.8068	1.9147	54.4561	19.4065	1.91638
11600	5.3541	-4.8130	1.9257	54.7003	19.4822	1.92739
11800	5.3632	-4.8244	1.9436	55.1077	19.5559	1.94524
12000	5.3703	-4.8348	1.9570	55.4308	19.5498	1.95863
12200	5.3761	-4.8442	1.9671	55.6896	19.4862	1.96867
12400	5.3808	-4.8528	1.9746	55.9016	19.3824	1.97620
12500	5.3829	-4.8570	1.9777	55.9944	19.3198	1.97924
12600	5.3848	-4.8611	1.9804	56.0802	19.2516	1.98189
12800	5.3883	-4.8690	1.9848	56.2343	19.1036	1.98626
13000	5.3914	-4.8764	1.9882	56.3707	18.9452	1.98966
13200	5.3943	-4.8836	1.9910	56.4961	18.7826	1.99242
13400	5.3971	-4.8907	1.9934	56.6145	18.6198	1.99476
13500	5.3984	-4.8941	1.9945	56.6723	18.5396	1.99584
13600	5.3998	-4.8976	1.9956	56.7304	18.4609	1.99689
13800	5.4026	-4.9044	1.9977	56.8476	18.3098	1.99901
14000	5.4055	-4.9112	2.0000	56.9702	18.1698	2.00130
14200	5.4087	-4.9180	2.0027	57.1030	18.0457	2.00399
14400	5.4122	-4.9247	2.0061	57.2508	17.9420	2.00728
14500	5.4142	-4.9281	2.0080	57.3321	17.8997	2.00925
14600	5.4164	-4.9316	2.0103	57.4205	17.8648	2.01149
14800	5.4212	-4.9387	2.0157	57.6190	17.8207	2.01691
15000	5.4269	-4.9461	2.0228	57.8553	17.8177	2.02397
15200	5.4338	-4.9537	2.0319	58.1384	17.8649	2.03309
15400	5.4421	-4.9619	2.0436	58.4804	17.9724	2.04478
15500	5.4469	-4.9662	2.0506	58.6767	18.0521	2.05177
15600	5.4520	-4.9707	2.0584	58.8920	18.1509	2.05961
15800	5.4637	-4.9800	2.0769	59.3839	18.4102	2.07809
16000	5.4774	-4.9902	2.0996	59.9676	18.7604	2.10078

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.8407	1.0000	25.0741	2.5000	1.00000
400	3.0000	-2.9657	1.0000	25.7933	2.5000	1.00000
500	3.0969	-3.0626	1.0000	26.3512	2.5000	1.00000
600	3.1761	-3.1418	1.0000	26.8070	2.5000	1.00000
700	3.2430	-3.2087	1.0000	27.1923	2.5000	1.00000
800	3.3010	-3.2667	1.0000	27.5262	2.5000	1.00000
900	3.3522	-3.3178	1.0000	27.8206	2.5000	1.00000
1000	3.3979	-3.3640	1.0000	28.0830	2.5000	1.00000
1200	3.4771	-3.4432	1.0000	28.5388	2.5000	1.00000
1400	3.5441	-3.5101	1.0000	28.9241	2.5000	1.00000
1500	3.5740	-3.5401	1.0000	29.0966	2.5000	1.00000
1600	3.6021	-3.5681	1.0000	29.2579	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1800	3.6532	-3.6193	1.0000	29.5525	2.5000	1.00000
2000	3.6990	-3.6650	1.0000	29.8159	2.5000	1.00000
2200	3.7404	-3.7064	1.0000	30.0541	2.5000	1.00000
2400	3.7781	-3.7442	1.0000	30.2717	2.5000	1.00000
2500	3.7959	-3.7619	1.0000	30.3737	2.5000	1.00000
2600	3.8129	-3.7790	1.0000	30.4718	2.5000	1.00000
2800	3.8451	-3.8112	1.0000	30.6571	2.5000	1.00000
3000	3.8751	-3.8411	1.0000	30.8295	2.5000	1.00000
3200	3.9031	-3.8691	1.0000	30.9908	2.5000	1.00000
3400	3.9294	-3.8955	1.0000	31.1425	2.5000	1.00000
3500	3.9420	-3.9081	1.0000	31.2150	2.5000	1.00000
3600	3.9542	-3.9203	1.0000	31.2854	2.5000	1.00000
3800	3.9777	-3.9438	1.0000	31.4206	2.5000	1.00000
4000	4.0000	-3.9661	1.0000	31.5488	2.5000	1.00000
4200	4.0212	-3.9872	1.0000	31.6707	2.5000	1.00000
4400	4.0414	-4.0075	1.0000	31.7872	2.5001	1.00000
4500	4.0512	-4.0172	1.0000	31.8433	2.5001	1.00000
4600	4.0607	-4.0268	1.0000	31.8985	2.5002	1.00000
4800	4.0793	-4.0452	1.0000	32.0049	2.5004	1.00001
5000	4.0971	-4.0630	1.0000	32.1076	2.5008	1.00002
5200	4.1143	-4.0800	1.0000	32.2065	2.5018	1.00005
5400	4.1310	-4.0964	1.0001	32.3026	2.5036	1.00010
5500	4.1391	-4.1044	1.0001	32.3499	2.5048	1.00013
5600	4.1473	-4.1123	1.0002	32.3970	2.5065	1.00019
5800	4.1634	-4.1276	1.0003	32.4900	2.5117	1.00034
6000	4.1795	-4.1424	1.0006	32.5835	2.5199	1.00060
6200	4.1960	-4.1569	1.0010	32.6795	2.5330	1.00103
6400	4.2132	-4.1709	1.0017	32.7801	2.5530	1.00170
6500	4.2222	-4.1779	1.0022	32.8333	2.5664	1.00216
6600	4.2316	-4.1847	1.0027	32.8887	2.5826	1.00273
6800	4.2517	-4.1984	1.0043	33.0095	2.6256	1.00426
7000	4.2743	-4.2119	1.0065	33.1473	2.6864	1.00650
7200	4.3000	-4.2255	1.0097	33.3084	2.7709	1.00968
7400	4.3295	-4.2394	1.0141	33.5008	2.8858	1.01414
7500	4.3460	-4.2464	1.0169	33.6115	2.9572	1.01696
7600	4.3636	-4.2535	1.0202	33.7334	3.0396	1.02026
7800	4.4029	-4.2683	1.0285	34.0172	3.2419	1.02851
8000	4.4477	-4.2839	1.0394	34.3645	3.5041	1.03948
8200	4.4980	-4.3006	1.0538	34.7899	3.8390	1.05383
8400	4.5537	-4.3185	1.0722	35.3087	4.2606	1.07234
8500	4.5835	-4.3281	1.0833	35.6089	4.5088	1.08342
8600	4.6143	-4.3382	1.0957	35.9387	4.7843	1.09586
8800	4.6789	-4.3597	1.1251	36.6973	5.4258	1.12533
9000	4.7466	-4.3832	1.1614	37.6010	6.1990	1.16167
9200	4.8160	-4.4089	1.2053	38.6627	7.1149	1.20569
9400	4.8858	-4.4367	1.2574	39.8902	8.1779	1.25796
9500	4.9204	-4.4512	1.2866	40.5643	8.7625	1.28720
9600	4.9545	-4.4661	1.3178	41.2763	9.3796	1.31844
9800	5.0205	-4.4969	1.3856	42.8012	10.6974	1.38643
10000	5.0823	-4.5281	1.4591	44.4209	12.0872	1.46007
10200	5.1385	-4.5588	1.5353	46.0743	13.4877	1.53652
10400	5.1881	-4.5881	1.6109	47.6894	14.8277	1.61227
10500	5.2102	-4.6019	1.6472	48.4576	15.4516	1.64866
10600	5.2304	-4.6152	1.6821	49.1919	16.0364	1.68359
10800	5.2655	-4.6394	1.7458	50.5270	17.0621	1.74748

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11000	5.2938	-4.6608	1.8005	51.6660	17.8803	1.80218
11200	5.3162	-4.6793	1.8454	52.6042	18.4910	1.84717
11400	5.3337	-4.6953	1.8813	53.3597	18.9152	1.88308
11500	5.3410	-4.7026	1.8962	53.6770	19.0665	1.89797
11600	5.3474	-4.7093	1.9092	53.9586	19.1825	1.91105
11800	5.3580	-4.7216	1.9307	54.4307	19.3252	1.93248
12000	5.3664	-4.7326	1.9470	54.8042	19.3732	1.94874
12200	5.3731	-4.7425	1.9592	55.1025	19.3512	1.96101
12400	5.3785	-4.7515	1.9685	55.3441	19.2790	1.97027
12500	5.3809	-4.7559	1.9723	55.4487	19.2288	1.97401
12600	5.3830	-4.7601	1.9756	55.5446	19.1717	1.97728
12800	5.3869	-4.7681	1.9810	55.7148	19.0409	1.98263
13000	5.3903	-4.7757	1.9852	55.8630	18.8950	1.98676
13200	5.3934	-4.7831	1.9885	55.9963	18.7411	1.99005
13400	5.3962	-4.7902	1.9912	56.1195	18.5834	1.99275
13500	5.3976	-4.7937	1.9924	56.1783	18.5046	1.99395
13600	5.3990	-4.7972	1.9936	56.2369	18.4267	1.99508
13800	5.4017	-4.8040	1.9958	56.3530	18.2749	1.99727
14000	5.4046	-4.8107	1.9981	56.4713	18.1313	1.99948
14200	5.4076	-4.8175	2.0005	56.5963	18.0000	2.00192
14400	5.4109	-4.8241	2.0034	56.7319	17.8849	2.00479
14500	5.4126	-4.8275	2.0051	56.8054	17.8350	2.00646
14600	5.4146	-4.8309	2.0070	56.8843	17.7911	2.00834
14800	5.4188	-4.8378	2.0115	57.0594	17.7246	2.01284
15000	5.4239	-4.8449	2.0174	57.2643	17.6921	2.01865
15200	5.4298	-4.8522	2.0248	57.5074	17.7010	2.02611
15400	5.4370	-4.8600	2.0344	57.7993	17.7606	2.03570
15500	5.4411	-4.8640	2.0402	57.9660	17.8124	2.04146
15600	5.4455	-4.8681	2.0466	58.1485	17.8801	2.04791
15800	5.4556	-4.8769	2.0619	58.5671	18.0698	2.06324
16000	5.4675	-4.8864	2.0809	59.0654	13.3388	2.08222
16200	5.4812	-4.8966	2.1040	59.6519	18.6953	2.10532
16400	5.4969	-4.9075	2.1315	60.3341	19.1453	2.13294
16500	5.5054	-4.9133	2.1471	60.7121	19.4060	2.14853
16600	5.5144	-4.9194	2.1639	61.1154	19.6911	2.16533
16800	5.5335	-4.9319	2.2009	61.9938	20.3303	2.20249
17000	5.5538	-4.9452	2.2426	62.9642	21.0564	2.24426
17200	5.5751	-4.9591	2.2885	64.0164	21.8578	2.29023
17400	5.5969	-4.9734	2.3378	65.1324	22.7166	2.33965
17500	5.6078	-4.9806	2.3635	65.7077	23.1609	2.36536
17600	5.6186	-4.9879	2.3897	66.2920	23.6116	2.39161

LOG P=-2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.7407	1.0000	24.8438	2.5000	1.00000
400	3.0000	-2.8657	1.0000	25.5630	2.5000	1.00000
500	3.0969	-2.9626	1.0000	26.1209	2.5000	1.00000
600	3.1761	-3.0418	1.0000	26.5767	2.5000	1.00000
700	3.2430	-3.1087	1.0000	26.9621	2.5000	1.00000
800	3.3010	-3.1667	1.0000	27.2959	2.5000	1.00000
900	3.3522	-3.2178	1.0000	27.5904	2.5000	1.00000
1000	3.3979	-3.2640	1.0000	27.8527	2.5000	1.00000
1200	3.4771	-3.3432	1.0000	28.3086	2.5000	1.00000
1400	3.5441	-3.4101	1.0000	28.6938	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1500	3.5740	-3.4401	1.0000	28.8664	2.5000	1.00000
1600	3.6021	-3.4681	1.0000	29.0277	2.5000	1.00000
1800	3.6532	-3.5193	1.0000	29.3223	2.5000	1.00000
2000	3.6990	-3.5650	1.0000	29.5856	2.5000	1.00000
2200	3.7404	-3.6064	1.0000	29.8238	2.5000	1.00000
2400	3.7782	-3.6442	1.0000	30.0415	2.5000	1.00000
2500	3.7959	-3.6619	1.0000	30.1434	2.5000	1.00000
2600	3.8129	-3.6790	1.0000	30.2416	2.5000	1.00000
2800	3.8451	-3.7112	1.0000	30.4269	2.5000	1.00000
3000	3.8751	-3.7411	1.0000	30.5993	2.5000	1.00000
3200	3.9031	-3.7691	1.0000	30.7605	2.5000	1.00000
3400	3.9294	-3.7955	1.0000	30.9122	2.5000	1.00000
3500	3.9420	-3.8081	1.0000	30.9847	2.5000	1.00000
3600	3.9542	-3.8203	1.0000	31.0551	2.5000	1.00000
3800	3.9777	-3.8438	1.0000	31.1903	2.5000	1.00000
4000	4.0000	-3.8661	1.0000	31.3186	2.5000	1.00000
4200	4.0212	-3.8872	1.0000	31.4404	2.5000	1.00000
4400	4.0414	-3.9075	1.0000	31.5570	2.5001	1.00000
4500	4.0512	-3.9172	1.0000	31.6130	2.5001	1.00000
4600	4.0607	-3.9268	1.0000	31.6682	2.5001	1.00000
4800	4.0792	-3.9452	1.0000	31.7746	2.5004	1.00001
5000	4.0970	-3.9630	1.0000	31.8772	2.5008	1.00002
5200	4.1142	-3.9800	1.0000	31.9761	2.5016	1.00004
5400	4.1309	-3.9964	1.0001	32.0719	2.5032	1.00009
5500	4.1390	-4.0044	1.0001	32.1191	2.5043	1.00012
5600	4.1471	-4.0123	1.0002	32.1660	2.5058	1.00016
5800	4.1632	-4.0276	1.0003	32.2585	2.5104	1.00030
6000	4.1792	-4.0424	1.0005	32.3511	2.5177	1.00053
6200	4.1954	-4.0568	1.0009	32.4454	2.5294	1.00092
6400	4.2122	-4.0708	1.0015	32.5437	2.5472	1.00152
6500	4.2210	-4.0778	1.0019	32.5953	2.5591	1.00192
6600	4.2301	-4.0846	1.0024	32.6489	2.5736	1.00243
6800	4.2495	-4.0982	1.0038	32.7647	2.6119	1.00379
7000	4.2710	-4.1116	1.0058	32.8953	2.6662	1.00579
7200	4.2953	-4.1251	1.0086	33.0466	2.7414	1.00863
7400	4.3232	-4.1387	1.0126	33.2256	2.8439	1.01260
7500	4.3386	-4.1456	1.0151	33.3279	2.9076	1.01512
7600	4.3552	-4.1526	1.0180	33.4401	2.9810	1.01805
7800	4.3920	-4.1670	1.0254	33.7001	3.1613	1.02542
8000	4.4339	-4.1821	1.0352	34.0168	3.3951	1.03520
8200	4.4813	-4.1982	1.0479	34.4029	3.6938	1.04800
8400	4.5339	-4.2153	1.0644	34.8724	4.0700	1.06452
8500	4.5621	-4.2245	1.0743	35.1435	4.2918	1.07441
8600	4.5914	-4.2341	1.0854	35.4415	4.5381	1.08553
8800	4.6531	-4.2545	1.1117	36.1264	5.1123	1.11191
9000	4.7181	-4.2767	1.1442	36.9426	5.8062	1.14450
9200	4.7854	-4.3011	1.1838	37.9048	6.6319	1.18417
9400	4.8537	-4.3274	1.2310	39.0221	7.5964	1.23154
9500	4.8878	-4.3413	1.2576	39.6393	8.1305	1.25822
9600	4.9217	-4.3555	1.2862	40.2942	8.6974	1.28687
9800	4.9878	-4.3853	1.3491	41.7111	9.9224	1.34989
10000	5.0507	-4.4158	1.4184	43.2410	11.2389	1.41935
10200	5.1089	-4.4463	1.4919	44.8366	12.5983	1.49311
10400	5.1613	-4.4761	1.5668	46.4347	13.9385	1.56815
10500	5.1849	-4.4902	1.6035	47.2114	14.5791	1.60501

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10600	5.2069	-4.5040	1.6394	47.9640	15.1906	1.64092
10800	5.2455	-4.5295	1.7065	49.3643	16.2966	1.70823
11000	5.2774	-4.5524	1.7658	50.5925	17.2172	1.76764
11200	5.3030	-4.5723	1.8160	51.6297	17.9379	1.81792
11400	5.3233	-4.5897	1.8571	52.4815	18.4670	1.85903
11500	5.3318	-4.5976	1.8744	52.8435	18.6665	1.87636
11600	5.3392	-4.6048	1.8897	53.1661	18.8271	1.89170
11800	5.3517	-4.6181	1.9152	53.7106	19.0476	1.91715
12000	5.3615	-4.6298	1.9347	54.1424	19.1583	1.93671
12200	5.3693	-4.6404	1.9497	54.4870	19.1857	1.95162
12400	5.3756	-4.6499	1.9610	54.7643	19.1514	1.96295
12500	5.3783	-4.6544	1.9657	54.8832	19.1166	1.96754
12600	5.3808	-4.6588	1.9697	54.9917	19.0730	1.97156
12800	5.3851	-4.6670	1.9763	55.1819	18.9640	1.97814
13000	5.3889	-4.6749	1.9814	55.3453	18.8340	1.98320
13200	5.3922	-4.6824	1.9854	55.4891	18.6913	1.98717
13400	5.3953	-4.6897	1.9887	55.6194	18.5416	1.99036
13500	5.3967	-4.6932	1.9901	55.6806	18.4656	1.99175
13600	5.3981	-4.6967	1.9914	55.7407	18.3895	1.99303
13800	5.4009	-4.7035	1.9938	55.8578	18.2392	1.99539
14000	5.4037	-4.7103	1.9961	55.9744	18.0943	1.99763
14200	5.4066	-4.7170	1.9984	56.0941	17.9583	1.99996
14400	5.4096	-4.7236	2.0010	56.2211	17.8352	2.00255
14500	5.4113	-4.7269	2.0025	56.2888	17.7797	2.00401
14600	5.4130	-4.7303	2.0041	56.3603	17.7289	2.00562
14800	5.4169	-4.7370	2.0080	56.5167	17.6448	2.00940
15000	5.4213	-4.7439	2.0128	56.6965	17.5883	2.01421
15200	5.4265	-4.7509	2.0189	56.9071	17.5663	2.02035
15400	5.4327	-4.7584	2.0268	57.1573	17.5864	2.02821
15500	5.4362	-4.7621	2.0315	57.2995	17.6149	2.03293
15600	5.4400	-4.7661	2.0368	57.4548	17.6568	2.03823
15800	5.4488	-4.7743	2.0495	57.8109	17.7870	2.05087
16000	5.4591	-4.7831	2.0652	58.2349	17.9861	2.06664
16200	5.4711	-4.7925	2.0845	58.7362	18.2624	2.08601
16400	5.4849	-4.8027	2.1079	59.3236	18.6236	2.10942
16500	5.4925	-4.8081	2.1212	59.6512	18.8372	2.12276
16600	5.5006	-4.8137	2.1357	60.0027	19.0740	2.13723
16800	5.5179	-4.8254	2.1680	60.7750	19.6150	2.16960
17000	5.5368	-4.8378	2.2049	61.6406	20.2447	2.20658
17200	5.5568	-4.8510	2.2462	62.5930	20.9563	2.24796
17400	5.5777	-4.8646	2.2913	63.6193	21.7365	2.29324
17500	5.5884	-4.8716	2.3152	64.1565	22.1482	2.31717
17600	5.5990	-4.8786	2.3398	64.7054	22.5699	2.34178
17800	5.6203	-4.8929	2.3906	65.8323	23.4376	2.39271
18000	5.6412	-4.9072	2.4428	66.9795	24.3178	2.44507
18200	5.6612	-4.9211	2.4952	68.1195	25.1852	2.49759
18400	5.6801	-4.9348	2.5469	69.2354	26.0213	2.54934
18500	5.6891	-4.9415	2.5721	69.7783	26.4217	2.57463
18600	5.6978	-4.9480	2.5967	70.3067	26.8066	2.59931
18800	5.7139	-4.9604	2.6439	71.3148	27.5239	2.64653
19000	5.7285	-4.9722	2.6878	72.2510	28.1649	2.69048
19200	5.7415	-4.9831	2.7279	73.1061	28.7219	2.73066
19400	5.7531	-4.9933	2.7641	73.8786	29.1941	2.76689
19500	5.7584	-4.9982	2.7807	74.2352	29.3994	2.78355

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.6407	1.0000	24.6136	2.5000	1.00000
400	3.0000	-2.7657	1.0000	25.3328	2.5000	1.00000
500	3.0969	-2.8626	1.0000	25.8906	2.5000	1.00000
600	3.1761	-2.9418	1.0000	26.3464	2.5000	1.00000
700	3.2430	-3.0087	1.0000	26.7318	2.5000	1.00000
800	3.3010	-3.0667	1.0000	27.0657	2.5000	1.00000
900	3.3522	-3.1178	1.0000	27.3601	2.5000	1.00000
1000	3.3979	-3.1640	1.0000	27.6225	2.5000	1.00000
1200	3.4771	-3.2432	1.0000	28.0784	2.5000	1.00000
1400	3.5441	-3.3101	1.0000	28.4636	2.5000	1.00000
1500	3.5740	-3.3401	1.0000	28.6361	2.5000	1.00000
1600	3.6021	-2.3681	1.0000	28.7974	2.5000	1.00000
1800	3.6532	-3.4193	1.0000	29.0920	2.5000	1.00000
2000	3.6990	-3.4650	1.0000	29.3553	2.5000	1.00000
2200	3.7404	-3.5064	1.0000	29.5936	2.5000	1.00000
2400	3.7781	-3.5442	1.0000	29.8112	2.5000	1.00000
2500	3.7959	-3.5619	1.0000	29.9131	2.5000	1.00000
2600	3.8129	-3.5790	1.0000	30.0113	2.5000	1.00000
2800	3.8451	-3.6112	1.0000	30.1967	2.5000	1.00000
3000	3.8751	-3.6411	1.0000	30.3690	2.5000	1.00000
3200	3.9031	-3.6691	1.0000	30.5303	2.5000	1.00000
3400	3.9294	-3.6955	1.0000	30.6820	2.5000	1.00000
3500	3.9420	-3.7081	1.0000	30.7545	2.5000	1.00000
3600	3.9542	-3.7203	1.0000	30.8249	2.5000	1.00000
3800	3.9777	-3.7438	1.0000	30.9601	2.5000	1.00000
4000	4.0000	-3.7661	1.0000	31.0883	2.5000	1.00000
4200	4.0212	-3.7872	1.0000	31.2101	2.5000	1.00000
4400	4.0414	-3.8075	1.0000	31.3267	2.5001	1.00000
4500	4.0512	-3.8172	1.0000	31.3828	2.5001	1.00000
4600	4.0607	-3.8268	1.0000	31.4379	2.5001	1.00000
4800	4.0792	-3.8452	1.0000	31.5443	2.5003	1.00001
5000	4.0970	-3.8630	1.0000	31.6469	2.5007	1.00002
5200	4.1142	-3.8800	1.0000	31.7456	2.5014	1.00003
5400	4.1308	-3.8964	1.0001	31.8413	2.5028	1.00008
5500	4.1390	-3.9044	1.0001	31.8884	2.5038	1.00010
5600	4.1470	-3.9123	1.0001	31.9350	2.5052	1.00014
5800	4.1630	-3.9276	1.0003	32.0270	2.5093	1.00027
6000	4.1788	-3.9424	1.0005	32.1187	2.5158	1.00048
6200	4.1949	-3.9568	1.0008	32.2118	2.5262	1.00082
6400	4.2114	-3.9708	1.0014	32.3080	2.5420	1.00135
6500	4.2199	-3.9777	1.0017	32.3582	2.5527	1.00171
6600	4.2287	-3.9845	1.0022	32.4101	2.5656	1.00217
6800	4.2474	-3.9980	1.0034	32.5214	2.5997	1.00338
7000	4.2680	-4.0113	1.0052	32.6457	2.6481	1.00515
7200	4.2911	-4.0247	1.0077	32.7883	2.7152	1.00769
7400	4.3174	-4.0381	1.0112	32.9553	2.8066	1.01123
7500	4.3319	-4.0449	1.0135	33.0501	2.8633	1.01347
7600	4.3475	-4.0517	1.0161	33.1536	2.9286	1.01609
7800	4.3820	-4.0658	1.0226	33.3925	3.0895	1.02265
8000	4.4213	-4.0805	1.0313	33.6816	3.2979	1.03138
8200	4.4658	-4.0960	1.0427	34.0327	3.5644	1.04279
8400	4.5154	-4.1125	1.0574	34.4581	3.9001	1.05753
8500	4.5420	-4.1213	1.0663	34.7034	4.0981	1.06636
8600	4.5698	-4.1304	1.0762	34.9726	4.3181	1.07630
8800	4.6286	-4.1498	1.0997	35.5912	4.8317	1.09988

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.6909	-4.1708	1.1288	36.3281	5.4533	1.12909
9200	4.7559	-4.1939	1.1644	37.1989	6.1963	1.16476
9400	4.8224	-4.2188	1.2071	38.2129	7.0680	1.20754
9500	4.8559	-4.2321	1.2312	38.7764	7.5541	1.23178
9600	4.8893	-4.2457	1.2573	39.3764	8.0723	1.25794
9800	4.9551	-4.2742	1.3151	40.6837	9.2016	1.31593
10000	5.0185	-4.3039	1.3798	42.1157	10.4352	1.38081
10200	5.0781	-4.3339	1.4499	43.6361	11.7362	1.45104
10400	5.1327	-4.3637	1.5228	45.1932	13.0530	1.52417
10500	5.1578	-4.3781	1.5594	45.9657	13.6977	1.56087
10600	5.1813	-4.3922	1.5955	46.7236	14.3230	1.59712
10800	5.2234	-4.4188	1.6649	48.1656	15.4864	1.66666
11000	5.2587	-4.4429	1.7280	49.4663	16.4934	1.72992
11200	5.2877	-4.4644	1.7830	50.5945	17.3170	1.78505
11400	5.3110	-4.4831	1.8292	51.5414	17.9518	1.83133
11500	5.3208	-4.4916	1.8491	51.9495	18.2020	1.85119
11600	5.3295	-4.4996	1.8668	52.3169	18.4109	1.86898
11800	5.3441	-4.5139	1.8967	52.9411	18.7175	1.89888
12000	5.3556	-4.5265	1.9200	53.4398	18.8998	1.92221
12200	5.3648	-4.5378	1.9380	53.8380	18.9846	1.94020
12400	5.3721	-4.5479	1.9519	54.1577	18.9953	1.95399
12500	5.3752	-4.5526	1.9575	54.2940	18.9792	1.95960
12600	5.3780	-4.5572	1.9624	54.4178	18.9517	1.96453
12800	5.3830	-4.5658	1.9705	54.6327	18.8691	1.97259
13000	5.3872	-4.5739	1.9768	54.8149	18.7592	1.97881
13200	5.3908	-4.5816	1.9817	54.9725	18.6313	1.98365
13400	5.3941	-4.5890	1.9856	55.1124	18.4920	1.98748
13500	5.3956	-4.5925	1.9872	55.1773	18.4200	1.98912
13600	5.3971	-4.5961	1.9887	55.2400	18.3472	1.99061
13800	5.4000	-4.6030	1.9915	55.3604	18.2006	1.99327
14000	5.4028	-4.6098	1.9939	55.4775	18.0566	1.99566
14200	5.4056	-4.6165	1.9963	55.5946	17.9188	1.99799
14400	5.4085	-4.6231	1.9988	55.7159	17.7903	2.00044
14500	5.4101	-4.6264	2.0001	55.7795	17.7310	2.00176
14600	5.4117	-4.6298	2.0015	55.8456	17.6753	2.00318
14800	5.4152	-4.6363	2.0048	55.9876	17.5778	2.00645
15000	5.4192	-4.6430	2.0089	56.1479	17.5026	2.01049
15200	5.4238	-4.6499	2.0140	56.3324	17.4557	2.01557
15400	5.4292	-4.6570	2.0205	56.5485	17.4436	2.02203
15500	5.4322	-4.6606	2.0244	56.6705	17.4529	2.02590
15600	5.4355	-4.6643	2.0287	56.8035	17.4736	2.03025
15800	5.4430	-4.6721	2.0391	57.1070	17.5540	2.04065
16000	5.4519	-4.6804	2.0521	57.4675	17.6930	2.05368
16200	5.4623	-4.6891	2.0682	57.8945	17.8992	2.06979
16400	5.4745	-4.6986	2.0878	58.3974	18.1807	2.08945
16500	5.4812	-4.7035	2.0991	58.6789	18.3514	2.10075
16600	5.4883	-4.7087	2.1114	58.9826	18.5435	2.11308
16800	5.5039	-4.7195	2.1392	59.6553	18.9918	2.14093
17000	5.5211	-4.7312	2.1714	60.4185	19.5268	2.17323
17200	5.5397	-4.7436	2.2080	61.2689	20.1451	2.20992
17400	5.5594	-4.7565	2.2488	62.2000	20.8395	2.25077
17500	5.5696	-4.7632	2.2706	62.6932	21.2120	2.27264
17600	5.5799	-4.7699	2.2933	63.2016	21.5986	2.29535
17800	5.6008	-4.7838	2.3408	64.2589	22.4072	2.34301
18000	5.6217	-4.7978	2.3906	65.3547	23.2477	2.39296

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.6420	-4.8117	2.4417	66.4654	24.0977	2.44413
18400	5.6617	-4.8255	2.4930	67.5736	24.9381	2.49559
18500	5.6711	-4.8324	2.5185	68.1215	25.3494	2.52115
18600	5.6803	-4.8390	2.5436	68.6590	25.7496	2.54633
18800	5.6976	-4.8518	2.5925	69.6995	26.5112	2.59529
19000	5.7135	-4.8642	2.6390	70.6855	27.2125	2.64184
19200	5.7280	-4.8758	2.6822	71.6009	27.8398	2.68521
19400	5.7410	-4.8866	2.7220	72.4415	28.3889	2.72505
19500	5.7469	-4.8919	2.7406	72.8335	28.6342	2.74360
19600	5.7525	-4.8968	2.7581	73.2053	28.8587	2.76119
19800	5.7628	-4.9063	2.7904	73.8917	29.2495	2.79353
20000	5.7718	-4.9152	2.8190	74.5039	29.5657	2.82218
20500	5.7899	-4.9346	2.8761	75.7460	30.0708	2.87923
21000	5.8031	-4.9510	2.9163	76.6630	30.2608	2.91943
21500	5.8131	-4.9655	2.9449	77.3622	30.2478	2.94794
22000	5.8213	-4.9786	2.9662	77.9308	30.1227	2.96913
22500	5.8287	-4.9910	2.9838	78.4444	29.9613	2.98673

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.5407	1.0000	24.3833	2.5000	1.00000
400	3.0000	-2.6657	1.0000	25.1025	2.5000	1.00000
500	3.0969	-2.7626	1.0000	25.6604	2.5000	1.00000
600	3.1761	-2.8418	1.0000	26.1162	2.5000	1.00000
700	3.2430	-2.9087	1.0000	26.5016	2.5000	1.00000
800	3.3010	-2.9667	1.0000	26.8354	2.5000	1.00000
900	3.3522	-3.0178	1.0000	27.1299	2.5000	1.00000
1000	3.3979	-3.0640	1.0000	27.3922	2.5000	1.00000
1200	3.4771	-3.1432	1.0000	27.8481	2.5000	1.00000
1400	3.5441	-3.2101	1.0000	28.2333	2.5000	1.00000
1500	3.5740	-3.2401	1.0000	28.4059	2.5000	1.00000
1600	3.6021	-3.2681	1.0000	28.5672	2.5000	1.00000
1800	3.6532	-3.3193	1.0000	28.8618	2.5000	1.00000
2000	3.6990	-3.3650	1.0000	29.1250	2.5000	1.00000
2200	3.7404	-3.4064	1.0000	29.3633	2.5000	1.00000
2400	3.7782	-3.4442	1.0000	29.5809	2.5000	1.00000
2500	3.7959	-3.4619	1.0000	29.6829	2.5000	1.00000
2600	3.8129	-3.4790	1.0000	29.7811	2.5000	1.00000
2800	3.8451	-3.5112	1.0000	29.9664	2.5000	1.00000
3000	3.8751	-3.5411	1.0000	30.1388	2.5000	1.00000
3200	3.9031	-3.5691	1.0000	30.3000	2.5000	1.00000
3400	3.9294	-3.5955	1.0000	30.4517	2.5000	1.00000
3500	3.9420	-3.6081	1.0000	30.5242	2.5000	1.00000
3600	3.9542	-3.6203	1.0000	30.5946	2.5000	1.00000
3800	3.9777	-3.6438	1.0000	30.7298	2.5000	1.00000
4000	4.0000	-3.6661	1.0000	30.8581	2.5000	1.00000
4200	4.0212	-3.6872	1.0000	30.9799	2.5000	1.00000
4400	4.0414	-3.7075	1.0000	31.0963	2.5000	1.00000
4500	4.0512	-3.7172	1.0000	31.1525	2.5001	1.00000
4600	4.0607	-3.7268	1.0000	31.2076	2.5001	1.00000
4800	4.0792	-3.7452	1.0000	31.3139	2.5002	1.00001
5000	4.0970	-3.7630	1.0000	31.4165	2.5006	1.00002
5200	4.1142	-3.7800	1.0000	31.5152	2.5012	1.00003
5400	4.1308	-3.7964	1.0001	31.6108	2.5024	1.00007

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5500	4.1389	-3.8044	1.0001	31.6577	2.5034	1.00009
5600	4.1469	-3.8122	1.0001	31.7039	2.5046	1.00013
5800	4.1628	-3.8275	1.0002	31.7956	2.5082	1.00024
6000	4.1785	-3.8423	1.0004	31.8866	2.5141	1.00043
6200	4.1944	-3.8567	1.0007	31.9785	2.5234	1.00073
6400	4.2106	-3.8707	1.0012	32.0730	2.5375	1.00120
6500	4.2189	-3.8776	1.0015	32.1218	2.5470	1.00153
6600	4.2275	-3.8844	1.0019	32.1723	2.5585	1.00193
6800	4.2456	-3.8978	1.0030	32.2795	2.5889	1.00302
7000	4.2654	-3.9111	1.0046	32.3982	2.6320	1.00460
7200	4.2874	-3.9243	1.0068	32.5330	2.6918	1.00686
7400	4.3122	-3.9376	1.0100	32.6892	2.7732	1.01001
7500	4.3259	-3.9443	1.0120	32.7774	2.8239	1.01201
7600	4.3405	-3.9510	1.0143	32.8732	2.8821	1.01434
7800	4.3729	-3.9648	1.0202	33.0933	3.0255	1.02019
8000	4.4098	-3.9790	1.0279	33.3579	3.2113	1.02797
8200	4.4515	-3.9941	1.0381	33.6779	3.4489	1.03815
8400	4.4981	-4.0099	1.0512	34.0637	3.7485	1.05130
8500	4.5233	-4.0184	1.0591	34.2861	3.9252	1.05919
8600	4.5496	-4.0270	1.0679	34.5293	4.1216	1.06806
8800	4.6054	-4.0455	1.0889	35.0882	4.5806	1.08913
9000	4.6650	-4.0655	1.1150	35.7536	5.1372	1.11527
9200	4.7275	-4.0874	1.1469	36.5408	5.8043	1.14728
9400	4.7920	-4.1110	1.1854	37.4597	6.5903	1.18584
9500	4.8247	-4.1235	1.2072	37.9719	7.0304	1.20777
9600	4.8574	-4.1365	1.2309	38.5196	7.5019	1.23154
9800	4.9225	-4.1637	1.2838	39.7190	8.5363	1.28456
10000	4.9860	-4.1923	1.3437	41.0483	9.6816	1.34464
10200	5.0465	-4.2217	1.4096	42.4823	10.9118	1.41078
10400	5.1029	-4.2512	1.4797	43.9794	12.1849	1.48108
10500	5.1291	-4.2658	1.5155	44.7365	12.8220	1.51705
10600	5.1540	-4.2800	1.5514	45.4875	13.4485	1.55300
10800	5.1991	-4.3074	1.6217	46.9456	14.6441	1.62348
11000	5.2378	-4.3326	1.6875	48.2986	15.7186	1.68955
11200	5.2702	-4.3554	1.7467	49.5049	16.6337	1.74889
11400	5.2967	-4.3756	1.7978	50.5424	17.3701	1.80009
11500	5.3080	-4.3848	1.8202	50.9967	17.6714	1.82249
11600	5.3180	-4.3934	1.8405	51.4099	17.9302	1.84280
11800	5.3350	-4.4089	1.8750	52.1187	18.3291	1.87742
12000	5.3485	-4.4226	1.9025	52.6914	18.5911	1.90491
12200	5.3592	-4.4346	1.9240	53.1505	18.7418	1.92641
12400	5.3677	-4.4454	1.9407	53.5195	18.8055	1.94307
12500	5.3713	-4.4504	1.9476	53.6765	18.8113	1.94990
12600	5.3746	-4.4552	1.9536	53.8188	18.8035	1.95591
12800	5.3803	-4.4642	1.9635	54.0641	18.7533	1.96579
13000	5.3850	-4.4727	1.9712	54.2691	18.6682	1.97341
13200	5.3891	-4.4807	1.9772	54.4442	18.5587	1.97934
13400	5.3927	-4.4882	1.9819	54.5966	18.4333	1.98399
13500	5.3944	-4.4918	1.9839	54.6665	18.3664	1.98596
13600	5.3959	-4.4954	1.9857	54.7334	18.2980	1.98773
13800	5.3989	-4.5025	1.9888	54.8595	18.1580	1.99081
14000	5.4018	-4.5093	1.9915	54.9789	18.0171	1.99348
14200	5.4046	-4.5160	1.9940	55.0958	17.8795	1.99593
14400	5.4075	-4.5226	1.9965	55.2139	17.7483	1.99835
14500	5.4090	-4.5259	1.9977	55.2745	17.6863	1.99959

22

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14600	5.4105	-4.5292	1.9991	55.3369	17.6273	2.00091
14800	5.4138	-4.5357	2.0020	55.4685	17.5198	2.00381
15000	5.4174	-4.5423	2.0055	55.6137	17.4305	2.00728
15200	5.4215	-4.5490	2.0098	55.7776	17.3640	2.01155
15400	5.4262	-4.5558	2.0152	55.9663	17.3262	2.01690
15500	5.4289	-4.5593	2.0184	56.0721	17.3197	2.02008
15600	5.4318	-4.5629	2.0220	56.1867	17.3231	2.02366
15800	5.4383	-4.5703	2.0305	56.4465	17.3618	2.03221
16000	5.4459	-4.5780	2.0412	56.7536	17.4501	2.04293
16200	5.4549	-4.5862	2.0545	57.1171	17.5960	2.05626
16400	5.4654	-4.5950	2.0709	57.5459	17.8074	2.07265
16500	5.4713	-4.5996	2.0803	57.7865	17.9396	2.08211
16600	5.4776	-4.6044	2.0907	58.0468	18.0912	2.09250
16800	5.4914	-4.6144	2.1144	58.6277	18.4535	2.11620
17000	5.5069	-4.6253	2.1421	59.2932	18.8978	2.14403
17200	5.5239	-4.6368	2.1741	60.0428	19.4235	2.17607
17400	5.5422	-4.6490	2.2103	60.8762	20.0288	2.21236
17500	5.5518	-4.6553	2.2299	61.3217	20.3584	2.23201
17600	5.5616	-4.6618	2.2504	61.7859	20.7056	2.25263
17800	5.5817	-4.6750	2.2941	62.7614	21.4429	2.29643
18000	5.6021	-4.6886	2.3407	63.7891	22.2264	2.34317
18200	5.6225	-4.7024	2.3895	64.8521	23.0393	2.39205
18400	5.6425	-4.7161	2.4394	65.9306	23.8619	2.44214
18500	5.6523	-4.7229	2.4646	66.4715	24.2717	2.46740
18600	5.6618	-4.7297	2.4897	67.0078	24.6763	2.49256
18800	5.6800	-4.7428	2.5393	68.0608	25.4616	2.54222
19000	5.6971	-4.7556	2.5873	69.0760	26.2034	2.59037
19200	5.7128	-4.7677	2.6330	70.0366	26.8864	2.63613
19400	5.7272	-4.7792	2.6758	70.9340	27.5021	2.67898
19500	5.7338	-4.7847	2.6959	71.3572	27.7831	2.69920
19600	5.7401	-4.7900	2.7152	71.7614	28.0447	2.71853
19800	5.7517	-4.8002	2.7512	72.5158	28.5118	2.75452
20000	5.7620	-4.8096	2.7835	73.1961	28.9033	2.78688
20500	5.7828	-4.8305	2.8492	74.5970	29.5814	2.85268
21000	5.7980	-4.8481	2.8965	75.6391	29.9066	2.89997
21500	5.8094	-4.8634	2.9302	76.4254	29.9873	2.93360
22000	5.8184	-4.8769	2.9548	77.0458	29.9193	2.95809
22500	5.8261	-4.8896	2.9741	77.5790	29.7811	2.97734
23000	5.8336	-4.9016	2.9915	78.0886	29.6379	2.99463
23500	5.8416	-4.9136	3.0098	78.6332	29.5471	3.01285
24000	5.8509	-4.9259	3.0319	79.2703	29.5618	3.03488
24500	5.8625	-4.9390	3.0605	80.0565	29.7366	3.06354
25000	5.8768	-4.9531	3.0986	81.0436	30.1194	3.10156
25500	5.8943	-4.9686	3.1482	82.2733	30.7469	3.15121
26000	5.9151	-4.9856	3.2105	83.7608	31.6294	3.21363

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.4407	1.0000	24.1530	2.5000	1.00000
400	3.0000	-2.5657	1.0000	24.8723	2.5000	1.00000
500	3.0969	-2.6626	1.0000	25.4301	2.5000	1.00000
600	3.1761	-2.7418	1.0000	25.8859	2.5000	1.00000
700	3.2430	-2.8087	1.0000	26.2713	2.5000	1.00000
800	3.3010	-2.8667	1.0000	26.6052	2.5000	1.00000

LOG P=-2.4

T	LOG H/R	LOG RHO	Z·	S/R	H/RT	Z*
900	3.3522	-2.9178	1.0000	26.8996	2.5000	1.00000
1000	3.3979	-2.9640	1.0000	27.1620	2.5000	1.00000
1200	3.4771	-3.0432	1.0000	27.6178	2.5000	1.00000
1400	3.5441	-3.1101	1.0000	28.0031	2.5000	1.00000
1500	3.5740	-3.1401	1.0000	28.1757	2.5000	1.00000
1600	3.6021	-3.1681	1.0000	28.3369	2.5000	1.00000
1800	3.6532	-3.2193	1.0000	28.6315	2.5000	1.00000
2000	3.6990	-3.2650	1.0000	28.8948	2.5000	1.00000
2200	3.7404	-3.3064	1.0000	29.1330	2.5000	1.00000
2400	3.7782	-3.3442	1.0000	29.3506	2.5000	1.00000
2500	3.7959	-3.3619	1.0000	29.4526	2.5000	1.00000
2600	3.8129	-3.3790	1.0000	29.5508	2.5000	1.00000
2800	3.8451	-3.4112	1.0000	29.7361	2.5000	1.00000
3000	3.8751	-3.4411	1.0000	29.9085	2.5000	1.00000
3200	3.9031	-3.4691	1.0000	30.0698	2.5000	1.00000
3400	3.9294	-3.4955	1.0000	30.2215	2.5000	1.00000
3500	3.9420	-3.5081	1.0000	30.2940	2.5000	1.00000
3600	3.9542	-3.5203	1.0000	30.3643	2.5000	1.00000
3800	3.9777	-3.5438	1.0000	30.4995	2.5000	1.00000
4000	4.0000	-3.5661	1.0000	30.6278	2.5000	1.00000
4200	4.0212	-3.5872	1.0000	30.7496	2.5000	1.00000
4400	4.0414	-3.6074	1.0000	30.8659	2.5000	1.00000
4500	4.0512	-3.6172	1.0000	30.9222	2.5001	1.00000
4600	4.0607	-3.6268	1.0000	30.9774	2.5001	1.00000
4800	4.0792	-3.6452	1.0000	31.0837	2.5002	1.00001
5000	4.0970	-3.6630	1.0000	31.1862	2.5006	1.00001
5200	4.1141	-3.6800	1.0000	31.2848	2.5011	1.00003
5400	4.1307	-3.6964	1.0001	31.3802	2.5022	1.00006
5500	4.1388	-3.7044	1.0001	31.4271	2.5030	1.00008
5600	4.1468	-3.7122	1.0001	31.4731	2.5041	1.00011
5800	4.1626	-3.7275	1.0002	31.5644	2.5073	1.00021
6000	4.1783	-3.7423	1.0004	31.6547	2.5125	1.00038
6200	4.1939	-3.7567	1.0006	31.7455	2.5208	1.00065
6400	4.2099	-3.7707	1.0011	31.8384	2.5334	1.00107
6500	4.2181	-3.7775	1.0014	31.8861	2.5419	1.00136
6600	4.2264	-3.7843	1.0017	31.9352	2.5521	1.00172
6800	4.2440	-3.7977	1.0027	32.0389	2.5793	1.00269
7000	4.2630	-3.8108	1.0041	32.1525	2.6176	1.00410
7200	4.2840	-3.8240	1.0061	32.2804	2.6709	1.00611
7400	4.3075	-3.8371	1.0089	32.4270	2.7435	1.00892
7500	4.3205	-3.8437	1.0107	32.5094	2.7887	1.01071
7600	4.3342	-3.8503	1.0128	32.5984	2.8406	1.01278
7800	4.3646	-3.8638	1.0180	32.8016	2.9684	1.01800
8000	4.3992	-3.8778	1.0249	33.0445	3.1341	1.02494
8200	4.4383	-3.8923	1.0340	33.3362	3.3460	1.03401
8400	4.4822	-3.9076	1.0457	33.6870	3.6132	1.04574
8500	4.5059	-3.9158	1.0527	33.8886	3.7709	1.05278
8600	4.5307	-3.9240	1.0606	34.1088	3.9462	1.06069
8800	4.5836	-3.9417	1.0793	34.6142	4.3562	1.07951
9000	4.6404	-3.9606	1.1027	35.2153	4.8541	1.10289
9200	4.7004	-3.9814	1.1313	35.9265	5.4522	1.13159
9400	4.7627	-4.0037	1.1658	36.7582	6.1594	1.16627
9500	4.7944	-4.0156	1.1855	37.2225	6.5565	1.18605
9600	4.8264	-4.0280	1.2070	37.7210	6.9839	1.20756
9800	4.8903	-4.0539	1.2551	38.8172	7.9267	1.25583

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	4.9534	-4.0813	1.3101	40.0432	8.9820	1.31109
10200	5.0143	-4.1099	1.3716	41.3834	10.1327	1.37276
10400	5.0719	-4.1388	1.4381	42.8056	11.3469	1.43948
10500	5.0991	-4.1533	1.4727	43.5364	11.9659	1.47419
10600	5.1251	-4.1676	1.5077	44.2695	12.5829	1.50929
10800	5.1729	-4.1954	1.5776	45.7196	13.7868	1.57947
11000	5.2148	-4.2216	1.6451	47.1025	14.9063	1.64719
11200	5.2505	-4.2456	1.7075	48.3686	15.8950	1.70979
11400	5.2802	-4.2672	1.7630	49.4864	16.7241	1.76536
11500	5.2930	-4.2770	1.7877	49.9844	17.0746	1.79016
11600	5.3046	-4.2862	1.8104	50.4416	17.3828	1.81292
11800	5.3242	-4.3030	1.8499	51.2384	17.8779	1.85244
12000	5.3399	-4.3178	1.8819	51.8908	18.2266	1.88445
12200	5.3524	-4.3308	1.9073	52.4186	18.4511	1.90989
12400	5.3624	-4.3423	1.9273	52.8445	18.5759	1.92985
12500	5.3666	-4.3477	1.9355	53.0258	18.6077	1.93811
12600	5.3704	-4.3528	1.9428	53.1897	18.6230	1.94539
12800	5.3770	-4.3624	1.9549	53.4711	18.6113	1.95743
13000	5.3824	-4.3711	1.9643	53.7041	18.5562	1.96676
13200	5.3870	-4.3794	1.9716	53.9006	18.4698	1.97402
13400	5.3910	-4.3872	1.9773	54.0691	18.3616	1.97971
13500	5.3928	-4.3909	1.9797	54.1456	18.3017	1.98209
13600	5.3945	-4.3947	1.9819	54.2180	18.2391	1.98423
13800	5.3978	-4.4018	1.9856	54.3523	18.1081	1.98789
14000	5.4007	-4.4087	1.9887	54.4764	17.9730	1.99095
14200	5.4036	-4.4155	1.9915	54.5958	17.8380	1.99365
14400	5.4065	-4.4221	1.9941	54.7131	17.7069	1.99617
14500	5.4080	-4.4253	1.9953	54.7718	17.6435	1.99741
14600	5.4094	-4.4287	1.9966	54.8320	17.5824	1.99868
14800	5.4125	-4.4352	1.9994	54.9565	17.4684	2.00137
15000	5.4159	-4.4417	2.0025	55.0903	17.3687	2.00443
15200	5.4196	-4.4482	2.0062	55.2384	17.2870	2.00809
15400	5.4238	-4.4549	2.0107	55.4054	17.2287	2.01258
15500	5.4261	-4.4582	2.0133	55.4979	17.2098	2.01522
15600	5.4286	-4.4617	2.0163	55.5974	17.1986	2.01818
15800	5.4343	-4.4687	2.0233	55.8214	17.2036	2.02522
16000	5.4409	-4.4761	2.0322	56.0843	17.2501	2.03403
16200	5.4487	-4.4838	2.0431	56.3942	17.3451	2.04502
16400	5.4578	-4.4920	2.0567	56.7594	17.4966	2.05860
16500	5.4629	-4.4963	2.0646	56.9650	17.5956	2.06648
16600	5.4684	-4.5007	2.0733	57.1872	17.7115	2.07518
16800	5.4805	-4.5101	2.0932	57.6861	17.9964	2.09515
17000	5.4942	-4.5202	2.1168	58.2613	18.3565	2.11886
17200	5.5095	-4.5308	2.1444	58.9152	18.7935	2.14650
17400	5.5263	-4.5422	2.1761	59.6513	19.3090	2.17825
17500	5.5352	-4.5481	2.1934	60.0483	19.5947	2.19562
17600	5.5443	-4.5543	2.2117	60.4653	19.8988	2.21402
17800	5.5634	-4.5669	2.2512	61.3511	20.5558	2.25356
18000	5.5830	-4.5798	2.2940	62.2983	21.2700	2.29648
18200	5.6031	-4.5932	2.3396	63.2968	22.0289	2.34226
18400	5.6230	-4.6067	2.3872	64.3269	22.8144	2.39004
18500	5.6329	-4.6135	2.4116	64.8504	23.2131	2.41449
18600	5.6426	-4.6202	2.4362	65.3757	23.6115	2.43912
18800	5.6615	-4.6336	2.4854	66.4207	24.4000	2.48846
19000	5.6795	-4.6466	2.5340	67.4453	25.1624	2.53718

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19200	5.6963	-4.6591	2.5811	68.4337	25.8839	2.58445
19400	5.7119	-4.6711	2.6262	69.3739	26.5524	2.62959
19500	5.7192	-4.6769	2.6477	69.8224	26.8633	2.65117
19600	5.7261	-4.6825	2.6684	70.2539	27.1571	2.67198
19800	5.7390	-4.6933	2.7076	71.0690	27.6937	2.71125
20000	5.7506	-4.7033	2.7434	71.8133	28.1577	2.74710
20500	5.7744	-4.7257	2.8181	73.3765	29.0139	2.82183
21000	5.7919	-4.7446	2.8732	74.5574	29.4895	2.87695
21500	5.8049	-4.7608	2.9128	75.4463	29.6818	2.91658
22000	5.8150	-4.7750	2.9416	76.1344	29.6872	2.94524
22500	5.8233	-4.7880	2.9634	76.7024	29.5887	2.96696
23000	5.8309	-4.8002	2.9817	77.2166	29.4539	2.98516
23500	5.8385	-4.8121	2.9994	77.7359	29.3414	3.00281
24000	5.8471	-4.8241	3.0194	78.3154	29.3036	3.02269
24500	5.8574	-4.8367	3.0442	79.0095	29.3925	3.04753
25000	5.8701	-4.8501	3.0767	79.8694	29.6562	3.08002
25500	5.8856	-4.8646	3.1193	80.9413	30.1360	3.12261
26000	5.9043	-4.8805	3.1735	82.2520	30.8555	3.17695
26500	5.9258	-4.8977	3.2399	83.8029	31.8103	3.24345
27000	5.9493	-4.9161	3.3170	85.5574	32.9593	3.32072
27500	5.9737	-4.9350	3.4015	87.4390	34.2260	3.40534
28000	5.9975	-4.9538	3.4887	89.3523	35.5112	3.49272
28500	6.0197	-4.9719	3.5737	91.1967	36.7168	3.57783
29000	6.0395	-4.9890	3.6522	92.8947	37.7654	3.65650

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.3407	1.0000	23.9228	2.5000	1.00000
400	3.0000	-2.4657	1.0000	24.6420	2.5000	1.00000
500	3.0969	-2.5626	1.0000	25.1998	2.5000	1.00000
600	3.1761	-2.6418	1.0000	25.6557	2.5000	1.00000
700	3.2430	-2.7087	1.0000	26.0410	2.5000	1.00000
800	3.3010	-2.7667	1.0000	26.3749	2.5000	1.00000
900	3.3522	-2.8178	1.0000	26.6693	2.5000	1.00000
1000	3.3979	-2.8640	1.0000	26.9317	2.5000	1.00000
1200	3.4771	-2.9432	1.0000	27.3876	2.5000	1.00000
1400	3.5441	-3.0101	1.0000	27.7728	2.5000	1.00000
1500	3.5740	-3.0401	1.0000	27.9454	2.5000	1.00000
1600	3.6021	-3.0681	1.0000	28.1067	2.5000	1.00000
1800	3.6532	-3.1193	1.0000	28.4013	2.5000	1.00000
2000	3.6990	-3.1650	1.0000	28.6645	2.5000	1.00000
2200	3.7404	-3.2064	1.0000	28.9028	2.5000	1.00000
2400	3.7782	-3.2442	1.0000	29.1203	2.5000	1.00000
2500	3.7959	-3.2619	1.0000	29.2224	2.5000	1.00000
2600	3.8129	-3.2790	1.0000	29.3206	2.5000	1.00000
2800	3.8451	-3.3112	1.0000	29.5059	2.5000	1.00000
3000	3.8751	-3.3411	1.0000	29.6782	2.5000	1.00000
3200	3.9031	-3.3691	1.0000	29.8395	2.5000	1.00000
3400	3.9294	-3.3955	1.0000	29.9912	2.5000	1.00000
3500	3.9420	-3.4081	1.0000	30.0637	2.5000	1.00000
3600	3.9542	-3.4203	1.0000	30.1340	2.5000	1.00000
3800	3.9777	-3.4438	1.0000	30.2693	2.5000	1.00000
4000	4.0000	-3.4661	1.0000	30.3976	2.5000	1.00000
4200	4.0212	-3.4872	1.0000	30.5193	2.5000	1.00000

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0414	-3.5074	1.0000	30.6357	2.5000	1.00000
4500	4.0512	-3.5172	1.0000	30.6919	2.5001	1.00000
4600	4.0607	-3.5268	1.0000	30.7471	2.5001	1.00000
4800	4.0792	-3.5452	1.0000	30.8534	2.5002	1.00001
5000	4.0970	-3.5630	1.0000	30.9558	2.5005	1.00001
5200	4.1141	-3.5800	1.0000	31.0544	2.5010	1.00003
5400	4.1307	-3.5964	1.0000	31.1498	2.5020	1.00005
5500	4.1388	-3.6044	1.0001	31.1965	2.5027	1.00008
5600	4.1468	-3.6122	1.0001	31.2424	2.5036	1.00010
5800	4.1625	-3.6275	1.0002	31.3333	2.5065	1.00019
6000	4.1780	-3.6423	1.0003	31.4230	2.5112	1.00034
6200	4.1935	-3.6566	1.0006	31.5128	2.5186	1.00058
6400	4.2093	-3.6706	1.0010	31.6042	2.5298	1.00095
6500	4.2173	-3.6774	1.0012	31.6510	2.5373	1.00121
6600	4.2255	-3.6842	1.0015	31.6989	2.5465	1.00153
6800	4.2425	-3.6975	1.0024	31.7994	2.5706	1.00240
7000	4.2609	-3.7107	1.0036	31.9086	2.6049	1.00365
7200	4.2810	-3.7237	1.0054	32.0302	2.6523	1.00545
7400	4.3033	-3.7367	1.0079	32.1683	2.7170	1.00795
7500	4.3155	-3.7432	1.0095	32.2454	2.7573	1.00955
7600	4.3285	-3.7497	1.0114	32.3284	2.8036	1.01139
7800	4.3571	-3.7630	1.0160	32.5166	2.9175	1.01605
8000	4.3896	-3.7766	1.0222	32.7401	3.0652	1.02223
8200	4.4263	-3.7908	1.0303	33.0067	3.2542	1.03032
8400	4.4674	-3.8056	1.0407	33.3263	3.4925	1.04078
8500	4.4897	-3.8134	1.0470	33.5092	3.6331	1.04706
8600	4.5131	-3.8213	1.0540	33.7089	3.7897	1.05412
8800	4.5631	-3.8382	1.0708	34.1662	4.1557	1.07093
9000	4.6171	-3.8563	1.0916	34.7094	4.6008	1.09183
9200	4.6744	-3.8759	1.1172	35.3518	5.1364	1.11751
9400	4.7344	-3.8971	1.1482	36.1040	5.7716	1.14865
9500	4.7651	-3.9084	1.1660	36.5246	6.1293	1.16646
9600	4.7962	-3.9202	1.1853	36.9769	6.5152	1.18587
9800	4.8587	-3.9448	1.2289	37.9754	7.3709	1.22963
10000	4.9210	-3.9709	1.2792	39.0999	8.3370	1.28013
10200	4.9819	-3.9984	1.3360	40.3423	9.4038	1.33716
10400	5.0402	-4.0266	1.3985	41.6805	10.5485	1.39983
10500	5.0681	-4.0410	1.4314	42.3771	11.1409	1.43287
10600	5.0949	-4.0552	1.4651	43.0834	11.7388	1.46669
10800	5.1450	-4.0831	1.5336	44.5035	12.9283	1.53545
11000	5.1897	-4.1099	1.6014	45.8917	14.0689	1.60357
11200	5.2285	-4.1349	1.6660	47.1971	15.1115	1.66833
11400	5.2616	-4.1577	1.7250	48.3811	16.0199	1.72753
11500	5.2760	-4.1682	1.7519	48.9186	16.4160	1.75452
11600	5.2890	-4.1781	1.7769	49.4174	16.7713	1.77959
11800	5.3115	-4.1962	1.8212	50.3009	17.3626	1.82396
12000	5.3296	-4.2122	1.8578	51.0358	17.8018	1.86064
12200	5.3442	-4.2263	1.8875	51.6379	18.1073	1.89035
12400	5.3559	-4.2387	1.9112	52.1277	18.3008	1.91401
12500	5.3608	-4.2445	1.9211	52.3369	18.3627	1.92391
12600	5.3653	-4.2499	1.9298	52.5255	18.4047	1.93266
12800	5.3729	-4.2600	1.9445	52.8494	18.4389	1.94725
13000	5.3792	-4.2693	1.9559	53.1162	18.4197	1.95863
13200	5.3845	-4.2779	1.9648	53.3387	18.3615	1.96751
13400	5.3890	-4.2859	1.9718	53.5275	18.2748	1.97446

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	5.3910	-4.2899	1.9748	53.6123	18.2238	1.97737
13600	5.3929	-4.2936	1.9774	53.6915	18.1687	1.97997
13800	5.3963	-4.3009	1.9819	53.8367	18.0496	1.98437
14000	5.3995	-4.3080	1.9855	53.9687	17.9228	1.98800
14200	5.4025	-4.3149	1.9887	54.0924	17.7931	1.99107
14400	5.4054	-4.3215	1.9914	54.2110	17.6638	1.99380
14500	5.4069	-4.3248	1.9928	54.2695	17.6004	1.99510
14600	5.4084	-4.3281	1.9941	54.3286	17.5387	1.99638
14800	5.4113	-4.3346	1.9967	54.4487	17.4206	1.99899
15000	5.4145	-4.3410	1.9996	54.5746	17.3135	2.00181
15200	5.4179	-4.3475	2.0029	54.7107	17.2208	2.00503
15400	5.4217	-4.3540	2.0067	54.8611	17.1467	2.00888
15500	5.4238	-4.3573	2.0090	54.9433	17.1180	2.01110
15600	5.4260	-4.3606	2.0115	55.0307	17.0958	2.01357
15800	5.4310	-4.3674	2.0173	55.2259	17.0732	2.01940
16000	5.4367	-4.3744	2.0246	55.4525	17.0852	2.02666
16200	5.4435	-4.3818	2.0337	55.7178	17.1379	2.03571
16400	5.4513	-4.3895	2.0449	56.0292	17.2383	2.04693
16500	5.4558	-4.3935	2.0514	56.2048	17.3088	2.05346
16600	5.4605	-4.3976	2.0586	56.3941	17.3935	2.06068
16800	5.4711	-4.4064	2.0753	56.8207	17.6102	2.07738
17000	5.4832	-4.4157	2.0952	57.3145	17.8940	2.09738
17200	5.4968	-4.4256	2.1187	57.8804	18.2491	2.12096
17400	5.5119	-4.4362	2.1461	58.5236	18.6786	2.14838
17500	5.5200	-4.4417	2.1612	58.8737	18.9212	2.16355
17600	5.5284	-4.4474	2.1773	59.2429	19.1819	2.17970
17800	5.5461	-4.4593	2.2124	60.0367	19.7554	2.21488
18000	5.5647	-4.4716	2.2510	60.8975	20.3923	2.25366
18200	5.5840	-4.4845	2.2930	61.8191	21.0841	2.29574
18400	5.6036	-4.4976	2.3375	62.7859	21.8167	2.34046
18500	5.6134	-4.5042	2.3606	63.2827	22.1941	2.36363
18600	5.6232	-4.5109	2.3842	63.7865	22.5768	2.38722
18800	5.6424	-4.5241	2.4319	64.8020	23.3468	2.43516
19000	5.6610	-4.5372	2.4801	65.8159	24.1100	2.48342
19200	5.6786	-4.5500	2.5277	66.8122	24.8502	2.53118
19400	5.6953	-4.5624	2.5741	67.7775	25.5543	2.57771
19500	5.7031	-4.5685	2.5966	68.2440	25.8885	2.60027
19600	5.7107	-4.5743	2.6185	68.6966	26.2081	2.62221
19800	5.7249	-4.5856	2.6604	69.5620	26.8042	2.66422
20000	5.7377	-4.5962	2.6993	70.3638	27.3346	2.70323
20500	5.7646	-4.6202	2.7825	72.0844	28.3663	2.78663
21000	5.7847	-4.6405	2.8459	73.4124	29.0026	2.85003
21500	5.7996	-4.6577	2.8923	74.4179	29.3220	2.89645
22000	5.8110	-4.6727	2.9261	75.1889	29.4176	2.93010
22500	5.8202	-4.6862	2.9511	75.8068	29.3742	2.95511
23000	5.8281	-4.6987	2.9712	76.3409	29.2639	2.97502
23500	5.8356	-4.7106	2.9891	76.8508	29.1461	2.99289
24000	5.8437	-4.7224	3.0078	77.3906	29.0731	3.01150
24500	5.8530	-4.7346	3.0298	78.0125	29.0954	3.03347
25000	5.8642	-4.7474	3.0578	78.7667	29.2601	3.06144
25500	5.8780	-4.7611	3.0943	79.7010	29.6118	3.09790
26000	5.8947	-4.7760	3.1412	80.8499	30.1809	3.14486
26500	5.9143	-4.7923	3.1997	82.2311	30.9799	3.20346
27000	5.9364	-4.8099	3.2694	83.8292	31.9895	3.27335
27500	5.9599	-4.8282	3.3483	85.5923	33.1559	3.35236

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.9837	-4.8468	3.4325	87.4426	34.3981	3.43679
28500	6.0066	-4.8651	3.5176	89.2867	35.6229	3.52208
29000	6.0276	-4.8826	3.5992	91.0391	36.7457	3.60376
29500	6.0462	-4.8989	3.6736	92.6334	37.7036	3.67827
30000	6.0622	-4.9138	3.7387	94.0346	38.4640	3.74348
30500	6.0757	-4.9274	3.7942	95.2400	39.0282	3.79894
31000	6.0870	-4.9397	3.8404	96.2659	39.4162	3.84518
31500	6.0967	-4.9510	3.8788	97.1432	39.6608	3.88358
32000	6.1050	-4.9614	3.9112	97.9093	39.8008	3.91588
32500	6.1126	-4.9713	3.9392	98.6006	39.8744	3.94387
33000	6.1197	-4.9807	3.9648	99.2544	39.9190	3.96939
33500	6.1268	-4.9900	3.9896	99.9054	39.9693	3.99416
34000	6.1342	-4.9992	4.0153	100.5847	40.0568	4.01980

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.2407	1.0000	23.6925	2.5000	1.00000
400	3.0000	-2.3657	1.0000	24.4117	2.5000	1.00000
500	3.0969	-2.4626	1.0000	24.9696	2.5000	1.00000
600	3.1761	-2.5418	1.0000	25.4254	2.5000	1.00000
700	3.2430	-2.6087	1.0000	25.8108	2.5000	1.00000
800	3.3010	-2.6667	1.0000	26.1446	2.5000	1.00000
900	3.3522	-2.7178	1.0000	26.4391	2.5000	1.00000
1000	3.3979	-2.7640	1.0000	26.7015	2.5000	1.00000
1200	3.4771	-2.8432	1.0000	27.1573	2.5000	1.00000
1400	3.5441	-2.9101	1.0000	27.5426	2.5000	1.00000
1500	3.5740	-2.9401	1.0000	27.7151	2.5000	1.00000
1600	3.6021	-2.9681	1.0000	27.8764	2.5000	1.00000
1800	3.6532	-3.0193	1.0000	28.1710	2.5000	1.00000
2000	3.6990	-3.0650	1.0000	28.4342	2.5000	1.00000
2200	3.7404	-3.1064	1.0000	28.6726	2.5000	1.00000
2400	3.7781	-3.1442	1.0000	28.8901	2.5000	1.00000
2500	3.7959	-3.1619	1.0000	28.9921	2.5000	1.00000
2600	3.8129	-3.1790	1.0000	29.0903	2.5000	1.00000
2800	3.8451	-3.2112	1.0000	29.2756	2.5000	1.00000
3000	3.8751	-3.2411	1.0000	29.4480	2.5000	1.00000
3200	3.9031	-3.2691	1.0000	29.6093	2.5000	1.00000
3400	3.9294	-3.2955	1.0000	29.7610	2.5000	1.00000
3500	3.9420	-3.3081	1.0000	29.8335	2.5000	1.00000
3600	3.9542	-3.3203	1.0000	29.9038	2.5000	1.00000
3800	3.9777	-3.3438	1.0000	30.0390	2.5000	1.00000
4000	4.0000	-3.3661	1.0000	30.1673	2.5000	1.00000
4200	4.0212	-3.3872	1.0000	30.2891	2.5000	1.00000
4400	4.0414	-3.4074	1.0000	30.4054	2.5000	1.00000
4500	4.0512	-3.4172	1.0000	30.4617	2.5001	1.00000
4600	4.0607	-3.4268	1.0000	30.5168	2.5001	1.00000
4800	4.0792	-3.4452	1.0000	30.6232	2.5002	1.00000
5000	4.0970	-3.4630	1.0000	30.7256	2.5004	1.00001
5200	4.1141	-3.4800	1.0000	30.8241	2.5009	1.00002
5400	4.1306	-3.4964	1.0000	30.9193	2.5018	1.00004
5500	4.1387	-3.5044	1.0001	30.9659	2.5024	1.00007
5600	4.1467	-3.5122	1.0001	31.0118	2.5033	1.00009
5800	4.1624	-3.5275	1.0002	31.1023	2.5058	1.00017
6000	4.1778	-3.5423	1.0003	31.1915	2.5100	1.00030

·T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6200	4.1932	-3.5566	1.0005	31.2804	2.5165	1.00051
6400	4.2087	-3.5706	1.0008	31.3705	2.5266	1.00085
6500	4.2166	-3.5774	1.0011	31.4164	2.5332	1.00108
6600	4.2246	-3.5841	1.0014	31.4632	2.5414	1.00136
6800	4.2412	-3.5974	1.0021	31.5609	2.5629	1.00213
7000	4.2590	-3.6105	1.0032	31.6663	2.5935	1.00326
7200	4.2782	-3.6235	1.0048	31.7822	2.6358	1.00486
7400	4.2995	-3.6363	1.0071	31.9129	2.6935	1.00709
7500	4.3111	-3.6428	1.0085	31.9852	2.7294	1.00851
7600	4.3234	-3.6492	1.0101	32.0628	2.7706	1.01015
7800	4.3503	-3.6622	1.0143	32.2374	2.8721	1.01430
8000	4.3808	-3.6756	1.0198	32.4436	3.0039	1.01981
8200	4.4152	-3.6894	1.0270	32.6881	3.1723	1.02703
8400	4.4538	-3.7038	1.0363	32.9796	3.3849	1.03636
8500	4.4748	-3.7113	1.0419	33.1459	3.5104	1.04196
8600	4.4968	-3.7189	1.0482	33.3271	3.6500	1.04826
8800	4.5440	-3.7351	1.0631	33.7414	3.9767	1.06326
9000	4.5952	-3.7523	1.0817	34.2329	4.3744	1.08193
9200	4.6498	-3.7710	1.1046	34.8131	4.8535	1.10490
9400	4.7074	-3.7911	1.1324	35.4931	5.4231	1.13282
9500	4.7370	-3.8018	1.1484	35.8740	5.7449	1.14883
9600	4.7671	-3.8129	1.1658	36.2835	6.0923	1.16630
9800	4.8279	-3.8363	1.2052	37.1907	6.8662	1.20585
10000	4.8891	-3.8612	1.2509	38.2184	7.7467	1.25181
10200	4.9495	-3.8876	1.3031	39.3632	8.7283	1.30419
10400	5.0081	-3.9149	1.3612	40.6112	9.7966	1.36250
10500	5.0364	-3.9289	1.3921	41.2675	10.3565	1.39359
10600	5.0638	-3.9429	1.4241	41.9396	10.9276	1.42573
10800	5.1156	-3.9707	1.4902	43.3108	12.0841	1.49211
11000	5.1627	-3.9978	1.5573	44.6817	13.2232	1.55946
11200	5.2045	-4.0235	1.6228	46.0044	14.2978	1.62523
11400	5.2407	-4.0474	1.6844	47.2352	15.2667	1.68704
11500	5.2566	-4.0585	1.7131	47.8052	15.7016	1.71583
11600	5.2713	-4.0691	1.7401	48.3409	16.0996	1.74295
11800	5.2967	-4.0885	1.7889	49.3040	16.7818	1.79179
12000	5.3176	-4.1057	1.8302	50.1219	17.3131	1.83320
12200	5.3345	-4.1209	1.8644	50.8032	17.7048	1.86744
12400	5.3481	-4.1344	1.8921	51.3631	17.9744	1.89519
12500	5.3539	-4.1406	1.9038	51.6037	18.0701	1.90692
12600	5.3591	-4.1464	1.9143	51.8204	18.1426	1.91736
12800	5.3680	-4.1572	1.9318	52.1937	18.2294	1.93489
13000	5.3753	-4.1670	1.9456	52.5004	18.2531	1.94869
13200	5.3813	-4.1760	1.9565	52.7543	18.2285	1.95951
13400	5.3864	-4.1845	1.9651	52.9679	18.1685	1.96801
13500	5.3887	-4.1885	1.9687	53.0629	18.1283	1.97157
13600	5.3908	-4.1924	1.9718	53.1508	18.0827	1.97473
13800	5.3946	-4.1999	1.9773	53.3102	17.9790	1.98008
14000	5.3981	-4.2072	1.9817	53.4530	17.8635	1.98443
14200	5.4013	-4.2141	1.9853	53.5835	17.7417	1.98802
14400	5.4043	-4.2209	1.9885	53.7060	17.6170	1.99112
14500	5.4058	-4.2242	1.9899	53.7655	17.5548	1.99253
14600	5.4072	-4.2275	1.9913	53.8247	17.4935	1.99390
14800	5.4102	-4.2340	1.9941	53.9430	17.3745	1.99656
15000	5.4132	-4.2404	1.9968	54.0639	17.2630	1.99928
15200	5.4164	-4.2468	1.9998	54.1912	17.1623	2.00223

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15400	5.4199	-4.2533	2.0032	54.3292	17.0763	2.00560
15500	5.4218	-4.2565	2.0052	54.4034	17.0403	2.00751
15600	5.4238	-4.2597	2.0073	54.4814	17.0090	2.00961
15800	5.4282	-4.2663	2.0122	54.6538	16.9650	2.01450
16000	5.4333	-4.2730	2.0182	54.8509	16.9491	2.02052
16200	5.4391	-4.2801	2.0257	55.0795	16.9671	2.02799
16400	5.4459	-4.2874	2.0350	55.3463	17.0253	2.03724
16500	5.4498	-4.2912	2.0404	55.4960	17.0713	2.04263
16600	5.4539	-4.2950	2.0463	55.6575	17.1298	2.04860
16800	5.4630	-4.3032	2.0602	56.0215	17.2876	2.06248
17000	5.4736	-4.3119	2.0769	56.4442	17.5044	2.07922
17200	5.4856	-4.3211	2.0968	56.9310	17.7852	2.09915
17400	5.4991	-4.3309	2.1201	57.4882	18.1346	2.12256
17500	5.5063	-4.3361	2.1331	57.7937	18.3356	2.13564
17600	5.5140	-4.3414	2.1471	58.1170	18.5539	2.14963
17800	5.5302	-4.3524	2.1778	58.8189	19.0434	2.18045
18000	5.5475	-4.3641	2.2122	59.5902	19.5989	2.21494
18200	5.5657	-4.3762	2.2500	60.4266	20.2151	2.25292
18400	5.5846	-4.3888	2.2910	61.3188	20.8826	2.29400
18500	5.5942	-4.3952	2.3124	61.7822	21.2322	2.31554
18600	5.6038	-4.4017	2.3345	62.2565	21.5909	2.33770
18800	5.6229	-4.4148	2.3800	63.2249	22.3243	2.38334
19000	5.6418	-4.4278	2.4267	64.2096	23.0688	2.43019
19200	5.6600	-4.4406	2.4737	65.1934	23.8074	2.47740
19400	5.6774	-4.4533	2.5205	66.1638	24.5270	2.52428
19500	5.6858	-4.4595	2.5435	66.6388	24.8751	2.54734
19600	5.6939	-4.4655	2.5660	67.1042	25.2127	2.56999
19800	5.7092	-4.4773	2.6098	68.0043	25.8534	2.61392
20000	5.7233	-4.4885	2.6513	68.8535	26.4402	2.65551
20500	5.7532	-4.5139	2.7425	70.7177	27.6360	2.74687
21000	5.7761	-4.5356	2.8143	72.1969	28.4389	2.81879
21500	5.7933	-4.5540	2.8682	73.3321	28.8994	2.87270
22000	5.8063	-4.5700	2.9078	74.2014	29.1014	2.91222
22500	5.8165	-4.5840	2.9369	74.8842	29.1297	2.94135
23000	5.8250	-4.5969	2.9595	75.4534	29.0591	2.96376
23500	5.8327	-4.6090	2.9785	75.9693	28.9511	2.98265
24000	5.8405	-4.6208	2.9967	76.4865	28.8603	3.00082
24500	5.8491	-4.6327	3.0168	77.0550	28.8341	3.02084
25000	5.8591	-4.6450	3.0413	77.7239	28.9198	3.04525
25500	5.8713	-4.6581	3.0726	78.5407	29.1614	3.07654
26000	5.8862	-4.6721	3.1129	79.5444	29.5954	3.11689
26500	5.9039	-4.6875	3.1639	80.7628	30.2440	3.16795
27000	5.9242	-4.7041	3.2260	82.1985	31.1065	3.23018
27500	5.9465	-4.7216	3.2982	83.8229	32.1507	3.30255
28000	5.9698	-4.7398	3.3779	85.5777	33.3157	3.38242
28500	5.9929	-4.7580	3.4612	87.3825	34.5201	3.46591
29000	6.0148	-4.7758	3.5437	89.1514	35.6789	3.54865
29500	6.0347	-4.7928	3.6216	90.8099	36.7183	3.62670
30000	6.0522	-4.8084	3.6919	92.3045	37.5886	3.69709
30500	6.0672	-4.8227	3.7532	93.6157	38.2728	3.75846
31000	6.0799	-4.8357	3.8053	94.7434	38.7742	3.81052
31500	6.0907	-4.8476	3.8489	95.7099	39.1171	3.85413
32000	6.0999	-4.8586	3.8855	96.5450	39.3336	3.89067
32500	6.1080	-4.8688	3.9166	97.2816	39.4597	3.92173
33000	6.1155	-4.8785	3.9440	97.9577	39.5323	3.94913

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
33500	6.1226	-4.8878	3.9695	98.6048	39.5848	3.97452
34000	6.1297	-4.8970	3.9946	99.2566	39.6498	3.99955
34500	6.1372	-4.9062	4.0208	99.9430	39.7567	4.02578
35000	6.1454	-4.9154	4.0497	100.6900	39.9309	4.05461

LOG P=-2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.1407	1.0000	23.4623	2.5000	1.00000
400	3.0000	-2.2657	1.0000	24.1815	2.5000	1.00000
500	3.0969	-2.3626	1.0000	24.7393	2.5000	1.00000
600	3.1761	-2.4418	1.0000	25.1952	2.5000	1.00000
700	3.2430	-2.5087	1.0000	25.5805	2.5000	1.00000
800	3.3010	-2.5667	1.0000	25.9144	2.5000	1.00000
900	3.3522	-2.6178	1.0000	26.2088	2.5000	1.00000
1000	3.3979	-2.6640	1.0000	26.4713	2.5000	1.00000
1200	3.4771	-2.7432	1.0000	26.9270	2.5000	1.00000
1400	3.5441	-2.8101	1.0000	27.3123	2.5000	1.00000
1500	3.5740	-2.8401	1.0000	27.4849	2.5000	1.00000
1600	3.6021	-2.8681	1.0000	27.6462	2.5000	1.00000
1800	3.6532	-2.9193	1.0000	27.9407	2.5000	1.00000
2000	3.6990	-2.9650	1.0000	28.2040	2.5000	1.00000
2200	3.7404	-3.0064	1.0000	28.4423	2.5000	1.00000
2400	3.7782	-3.0442	1.0000	28.6599	2.5000	1.00000
2500	3.7959	-3.0619	1.0000	28.7618	2.5000	1.00000
2600	3.8129	-3.0790	1.0000	28.8601	2.5000	1.00000
2800	3.8451	-3.1112	1.0000	29.0454	2.5000	1.00000
3000	3.8751	-3.1411	1.0000	29.2176	2.5000	1.00000
3200	3.9031	-3.1691	1.0000	29.3790	2.5000	1.00000
3400	3.9294	-3.1955	1.0000	29.5307	2.5000	1.00000
3500	3.9420	-3.2081	1.0000	29.6032	2.5000	1.00000
3600	3.9542	-3.2203	1.0000	29.6735	2.5000	1.00000
3800	3.9777	-3.2438	1.0000	29.8087	2.5000	1.00000
4000	4.0000	-3.2661	1.0000	29.9371	2.5000	1.00000
4200	4.0212	-3.2872	1.0000	30.0589	2.5000	1.00000
4400	4.0414	-3.3074	1.0000	30.1752	2.5000	1.00000
4500	4.0512	-3.3172	1.0000	30.2314	2.5000	1.00000
4600	4.0607	-3.3268	1.0000	30.2865	2.5001	1.00000
4800	4.0792	-3.3452	1.0000	30.3929	2.5002	1.00000
5000	4.0970	-3.3630	1.0000	30.4953	2.5004	1.00001
5200	4.1141	-3.3800	1.0000	30.5937	2.5008	1.00002
5400	4.1306	-3.3964	1.0000	30.6889	2.5016	1.00004
5500	4.1387	-3.4044	1.0001	30.7354	2.5021	1.00006
5600	4.1466	-3.4122	1.0001	30.7812	2.5029	1.00008
5800	4.1623	-3.4275	1.0002	30.8714	2.5052	1.00015
6000	4.1776	-3.4423	1.0003	30.9601	2.5089	1.00027
6200	4.1929	-3.4566	1.0005	31.0482	2.5147	1.00046
6400	4.2082	-3.4705	1.0008	31.1372	2.5236	1.00076
6500	4.2160	-3.4773	1.0010	31.1823	2.5296	1.00095
6600	4.2238	-3.4840	1.0012	31.2281	2.5369	1.00122
6800	4.2401	-3.4973	1.0019	31.3233	2.5561	1.00190
7000	4.2573	-3.5104	1.0029	31.4251	2.5833	1.00290
7200	4.2758	-3.5232	1.0043	31.5361	2.6210	1.00433
7400	4.2961	-3.5360	1.0063	31.6600	2.6725	1.00632
7500	4.3071	-3.5424	1.0076	31.7281	2.7044	1.00758

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7600	4.3188	-3.5488	1.0090	31.8010	2.7412	1.00905
7800	4.3441	-3.5616	1.0127	31.9637	2.8317	1.01275
8000	4.3728	-3.5747	1.0176	32.1543	2.9491	1.01766
8200	4.4051	-3.5882	1.0241	32.3790	3.0993	1.02410
8400	4.4413	-3.6021	1.0323	32.6456	3.2889	1.03242
8500	4.4610	-3.6094	1.0373	32.7970	3.4009	1.03741
8600	4.4817	-3.6167	1.0429	32.9618	3.5253	1.04303
8800	4.5262	-3.6322	1.0563	33.3376	3.8168	1.05642
9000	4.5746	-3.6488	1.0729	33.7825	4.1721	1.07310
9200	4.6266	-3.6665	1.0933	34.3070	4.6004	1.09363
9400	4.6816	-3.6857	1.1183	34.9217	5.1109	1.11863
9500	4.7101	-3.6958	1.1325	35.2660	5.3996	1.13299
9600	4.7390	-3.7063	1.1482	35.6363	5.7117	1.14868
9800	4.7981	-3.7285	1.1837	36.4590	6.4097	1.18433
10000	4.8578	-3.7522	1.2251	37.3952	7.2085	1.22598
10200	4.9174	-3.7774	1.2728	38.4446	8.1064	1.27381
10400	4.9758	-3.8037	1.3263	39.6001	9.0952	1.32765
10500	5.0043	-3.8172	1.3552	40.2131	9.6187	1.35664
10600	5.0321	-3.8309	1.3853	40.8463	10.1579	1.38685
10800	5.0852	-3.8583	1.4483	42.1547	11.2660	1.45013
11000	5.1342	-3.8854	1.5135	43.4890	12.3834	1.51570
11200	5.1785	-3.9116	1.5789	44.8066	13.4680	1.58132
11400	5.2176	-3.9362	1.6419	46.0630	14.4772	1.64461
11500	5.2351	-3.9479	1.6719	46.6567	14.9425	1.67473
11600	5.2513	-3.9591	1.7006	47.2218	15.3764	1.70349
11800	5.2798	-3.9797	1.7532	48.2554	16.1408	1.75632
12000	5.3035	-3.9982	1.7990	49.1525	16.7612	1.80224
12200	5.3229	-4.0146	1.8377	49.9133	17.2409	1.84106
12400	5.3387	-4.0292	1.8697	50.5473	17.5917	1.87313
12500	5.3455	-4.0359	1.8835	50.8218	17.7243	1.88685
12600	5.3515	-4.0421	1.8958	51.0701	17.8310	1.89916
12800	5.3620	-4.0537	1.9166	51.4994	17.9782	1.92004
13000	5.3705	-4.0642	1.9333	51.8521	18.0516	1.93663
13200	5.3775	-4.0738	1.9464	52.1437	18.0673	1.94976
13400	5.3833	-4.0827	1.9569	52.3870	18.0392	1.96012
13500	5.3859	-4.0869	1.9612	52.4944	18.0124	1.96447
13600	5.3883	-4.0909	1.9651	52.5930	17.9783	1.96833
13800	5.3926	-4.0987	1.9717	52.7707	17.8941	1.97486
14000	5.3964	-4.1061	1.9770	52.9268	17.7933	1.98011
14200	5.3998	-4.1133	1.9814	53.0671	17.6819	1.98440
14400	5.4030	-4.1201	1.9851	53.1962	17.5647	1.98800
14500	5.4045	-4.1235	1.9867	53.2579	17.5050	1.98961
14600	5.4060	-4.1268	1.9882	53.3183	17.4453	1.99112
14800	5.4090	-4.1334	1.9912	53.4370	17.3273	1.99396
15000	5.4120	-4.1398	1.9940	53.5558	17.2142	1.99671
15200	5.4151	-4.1462	1.9968	53.6774	17.1087	1.99953
15400	5.4183	-4.1526	2.0000	53.8065	17.0146	2.00261
15500	5.4201	-4.1558	2.0017	53.8747	16.9728	2.00430
15600	5.4219	-4.1589	2.0035	53.9455	16.9351	2.00613
15800	5.4259	-4.1654	2.0077	54.1003	16.8740	2.01030
16000	5.4304	-4.1719	2.0128	54.2740	16.9359	2.01536
16200	5.4355	-4.1786	2.0191	54.4729	16.8260	2.02156
16400	5.4414	-4.1857	2.0267	54.7031	16.8492	2.02920
16500	5.4447	-4.1892	2.0312	54.8311	16.8750	2.03365
16600	5.4483	-4.1929	2.0361	'54.9695	16.9113	2.03858

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16800	5.4562	-4.2005	2.0476	55.2800	17.0187	2.05007
17000	5.4654	-4.2087	2.0615	55.6411	17.1774	2.06400
17200	5.4759	-4.2172	2.0781	56.0580	17.3925	2.08069
17400	5.4878	-4.2264	2.0979	56.5376	17.6693	2.10049
17500	5.4942	-4.2311	2.1090	56.8021	17.8320	2.11163
17600	5.5011	-4.2361	2.1209	57.0832	18.0112	2.12363
17800	5.5157	-4.2463	2.1475	57.6971	18.4195	2.15028
18000	5.5316	-4.2573	2.1776	58.3804	18.8941	2.18054
18200	5.5486	-4.2687	2.2113	59.1293	19.4315	2.21430
18400	5.5664	-4.2806	2.2483	59.9400	20.0263	2.25142
18500	5.5756	-4.2868	2.2679	60.3659	20.3430	2.27112
18600	5.5849	-4.2931	2.2882	60.8049	20.6708	2.29155
18800	5.6036	-4.3057	2.3307	61.7113	21.3528	2.33414
19000	5.6224	-4.3184	2.3750	62.6487	22.0601	2.37866
19200	5.6408	-4.3312	2.4205	63.6012	22.7783	2.42435
19400	5.6588	-4.3439	2.4666	64.5572	23.4945	2.47057
19500	5.6675	-4.3501	2.4896	65.0312	23.8470	2.49362
19600	5.6760	-4.3563	2.5124	65.5003	24.1934	2.51650
19800	5.6922	-4.3684	2.5572	66.4182	24.8620	2.56147
20000	5.7074	-4.3801	2.6004	67.3002	25.4910	2.60487
20500	5.7404	-4.4069	2.6983	69.2853	26.8298	2.70299
21000	5.7662	-4.4300	2.7783	70.9101	27.7960	2.78313
21500	5.7859	-4.4498	2.8400	72.1832	28.4078	2.84498
22000	5.8008	-4.4668	2.8862	73.1642	28.7314	2.89113
22500	5.8123	-4.4816	2.9203	73.9270	28.8472	2.92521
23000	5.8216	-4.4950	2.9462	74.5461	28.8319	2.95096
23500	5.8297	-4.5074	2.9670	75.0829	28.7495	2.97165
24000	5.8374	-4.5192	2.9856	75.5933	28.6557	2.99018
24500	5.8455	-4.5309	3.0047	76.1263	28.5986	3.00911
25000	5.8547	-4.5429	3.0265	76.7294	28.6237	3.03091
25500	5.8656	-4.5554	3.0536	77.4486	28.7747	3.05800
26000	5.8787	-4.5687	3.0883	78.3254	29.0899	3.09263
26500	5.8945	-4.5831	3.1323	79.3928	29.5988	3.13671
27000	5.9130	-4.5987	3.1868	80.6671	30.3130	3.19132
27500	5.9338	-4.6155	3.2518	82.1403	31.2219	3.25646
28000	5.9562	-4.6330	3.3257	83.7749	32.2847	3.33051
28500	5.9790	-4.6510	3.4054	85.5067	33.4348	3.41049
29000	6.0014	-4.6688	3.4872	87.2563	34.5931	3.49245
29500	6.0223	-4.6862	3.5670	88.9474	35.6830	3.57241
30000	6.0411	-4.7024	3.6412	90.5141	36.6423	3.64682
30500	6.0576	-4.7174	3.7078	91.9192	37.4353	3.71346
31000	6.0717	-4.7311	3.7656	93.1485	38.0513	3.77129
31500	6.0838	-4.7438	3.8147	94.2107	38.5007	3.82047
32000	6.0941	-4.7553	3.8561	95.1263	38.8071	3.86185
32500	6.1030	-4.7659	3.8911	95.9234	39.0014	3.89677
33000	6.1109	-4.7760	3.9213	96.6383	39.1191	3.92693
33500	6.1183	-4.7855	3.9483	97.3004	39.1926	3.95387
34000	6.1254	-4.7947	3.9737	97.9435	39.2548	3.97925
34500	6.1326	-4.8038	3.9992	98.5973	39.3349	4.00462
35000	6.1402	-4.8129	4.0260	99.2891	39.4599	4.03142

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-2.0407	1.0000	23.2320	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
400	3.0000	-2.1657	1.0000	23.9512	2.5000	1.00000
500	3.0969	-2.2626	1.0000	24.5091	2.5000	1.00000
600	3.1761	-2.3418	1.0000	24.9649	2.5000	1.00000
700	3.2430	-2.4087	1.0000	25.3503	2.5000	1.00000
800	3.3010	-2.4667	1.0000	25.6841	2.5000	1.00000
900	3.3522	-2.5178	1.0000	25.9786	2.5000	1.00000
1000	3.3979	-2.5640	1.0000	26.2410	2.5000	1.00000
1200	3.4771	-2.6432	1.0000	26.6967	2.5000	1.00000
1400	3.5441	-2.7101	1.0000	27.0821	2.5000	1.00000
1500	3.5740	-2.7401	1.0000	27.2546	2.5000	1.00000
1600	3.6021	-2.7681	1.0000	27.4159	2.5000	1.00000
1800	3.6532	-2.8193	1.0000	27.7104	2.5000	1.00000
2000	3.6990	-2.8650	1.0000	27.9738	2.5000	1.00000
2200	3.7404	-2.9064	1.0000	28.2121	2.5000	1.00000
2400	3.7782	-2.9442	1.0000	28.4296	2.5000	1.00000
2500	3.7959	-2.9619	1.0000	28.5315	2.5000	1.00000
2600	3.8129	-2.9790	1.0000	28.6298	2.5000	1.00000
2800	3.8451	-3.0112	1.0000	28.8151	2.5000	1.00000
3000	3.8751	-3.0411	1.0000	28.9874	2.5000	1.00000
3200	3.9031	-3.0691	1.0000	29.1487	2.5000	1.00000
3400	3.9294	-3.0955	1.0000	29.3004	2.5000	1.00000
3500	3.9420	-3.1081	1.0000	29.3730	2.5000	1.00000
3600	3.9542	-3.1203	1.0000	29.4433	2.5000	1.00000
3800	3.9777	-3.1438	1.0000	29.5785	2.5000	1.00000
4000	4.0000	-3.1661	1.0000	29.7068	2.5000	1.00000
4200	4.0212	-3.1872	1.0000	29.8286	2.5000	1.00000
4400	4.0414	-3.2074	1.0000	29.9449	2.5000	1.00000
4500	4.0512	-3.2172	1.0000	30.0012	2.5000	1.00000
4600	4.0607	-3.2268	1.0000	30.0563	2.5001	1.00000
4800	4.0792	-3.2452	1.0000	30.1626	2.5002	1.00000
5000	4.0970	-3.2630	1.0000	30.2650	2.5003	1.00001
5200	4.1141	-3.2800	1.0000	30.3633	2.5007	1.00002
5400	4.1306	-3.2964	1.0000	30.4584	2.5014	1.00003
5500	4.1386	-3.3044	1.0001	30.5049	2.5019	1.00005
5600	4.1466	-3.3122	1.0001	30.5506	2.5026	1.00007
5800	4.1622	-3.3275	1.0001	30.6405	2.5046	1.00014
6000	4.1775	-3.3423	1.0002	30.7298	2.5079	1.00024
6200	4.1926	-3.3566	1.0004	30.8163	2.5131	1.00041
6400	4.2078	-3.3705	1.0007	30.9041	2.5211	1.00068
6500	4.2154	-3.3773	1.0009	30.9486	2.5264	1.00086
6600	4.2232	-3.3840	1.0011	30.9937	2.5329	1.00109
6800	4.2391	-3.3972	1.0017	31.0865	2.5500	1.00169
7000	4.2557	-3.4102	1.0026	31.1852	2.5742	1.00259
7200	4.2736	-3.4230	1.0038	31.2918	2.6079	1.00386
7400	4.2931	-3.4357	1.0056	31.4097	2.6538	1.00563
7500	4.3036	-3.4420	1.0067	31.4738	2.6822	1.00676
7600	4.3146	-3.4483	1.0081	31.5425	2.7150	1.00807
7800	4.3386	-3.4610	1.0113	31.6948	2.7957	1.01136
8000	4.3655	-3.4739	1.0157	31.8713	2.9003	1.01574
8200	4.3959	-3.4871	1.0214	32.0786	3.0343	1.02149
8400	4.4299	-3.5006	1.0288	32.3226	3.2033	1.02890
8500	4.4483	-3.5076	1.0333	32.4608	3.3031	1.03335
8600	4.4678	-3.5148	1.0383	32.6112	3.4142	1.03837
8800	4.5097	-3.5297	1.0502	32.9525	3.6743	1.05031
9000	4.5554	-3.5456	1.0650	33.3557	3.9915	1.06520

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9200	4.6047	-3.5625	1.0833	33.8302	4.3742	1.08355
9400	4.6572	-3.5907	1.1056	34.3860	4.8310	1.10592
9500	4.6844	-3.5903	1.1184	34.6970	5.0896	1.11878
9600	4.7122	-3.6002	1.1324	35.0317	5.3696	1.13285
9800	4.7692	-3.6213	1.1643	35.7768	5.9977	1.16491
10000	4.8274	-3.6438	1.2017	36.6275	6.7201	1.20255
10200	4.8858	-3.6678	1.2450	37.5862	7.5378	1.24606
10400	4.9437	-3.6930	1.2942	38.6500	8.4465	1.29544
10500	4.9721	-3.7060	1.3208	39.2185	8.9319	1.32225
10600	5.0001	-3.7193	1.3488	39.8091	9.4353	1.35037
10800	5.0540	-3.7461	1.4081	41.0438	10.4840	1.41000
11000	5.1045	-3.7729	1.4707	42.3248	11.5632	1.47291
11200	5.1509	-3.7993	1.5348	43.6174	12.6377	1.53733
11400	5.1925	-3.8245	1.5982	44.8785	13.6659	1.60099
11500	5.2115	-3.8366	1.6290	45.4857	14.1516	1.63188
11600	5.2292	-3.8482	1.6587	46.0701	14.6117	1.66176
11800	5.2607	-3.8700	1.7145	47.1599	15.4446	1.71778
12000	5.2873	-3.8897	1.7643	48.1280	16.1471	1.76774
12200	5.3094	-3.9074	1.8074	48.9659	16.7135	1.81102
12400	5.3276	-3.9231	1.8439	49.6760	17.1483	1.84753
12500	5.3355	-3.9304	1.8597	49.9869	17.3205	1.86339
12600	5.3425	-3.9371	1.8740	50.2695	17.4648	1.87775
12800	5.3547	-3.9496	1.8986	50.7610	17.6793	1.90234
13000	5.3646	-3.9609	1.9184	51.1661	17.8092	1.92212
13200	5.3727	-3.9711	1.9343	51.5013	17.8716	1.93793
13400	5.3795	-3.9804	1.9469	51.7799	17.8814	1.95049
13500	5.3825	-3.9849	1.9522	51.9021	17.8705	1.95578
13600	5.3852	-3.9891	1.9569	52.0141	17.8507	1.96048
13800	5.3901	-3.9973	1.9650	52.2140	17.7903	1.96845
14000	5.3943	-4.0049	1.9714	52.3869	17.7080	1.97483
14200	5.3981	-4.0122	1.9767	52.5404	17.6108	1.98001
14400	5.4015	-4.0193	1.9810	52.6788	17.5037	1.98428
14500	5.4031	-4.0227	1.9829	52.7440	17.4479	1.98615
14600	5.4047	-4.0260	1.9847	52.8069	17.3912	1.98789
14800	5.4077	-4.0327	1.9879	52.9287	17.2773	1.99106
15000	5.4107	-4.0392	1.9909	53.0478	17.1651	1.99398
15200	5.4138	-4.0455	1.9938	53.1666	17.0575	1.99681
15400	5.4169	-4.0519	1.9968	53.2896	16.9580	1.99975
15500	5.4185	-4.0550	1.9984	53.3535	16.9122	2.00130
15600	5.4202	-4.0581	2.0001	53.4193	16.8697	2.00295
15800	5.4239	-4.0645	2.0038	53.5604	16.7962	2.00660
16000	5.4279	-4.0709	2.0081	53.7161	16.7409	2.01092
16200	5.4325	-4.0774	2.0134	53.8911	16.7084	2.01612
16400	5.4377	-4.0842	2.0197	54.0913	16.7034	2.02247
16500	5.4405	-4.0875	2.0234	54.2018	16.7126	2.02615
16600	5.4436	-4.0911	2.0275	54.3211	16.7307	2.03023
16800	5.4505	-4.0983	2.0370	54.5871	16.7962	2.03973
17000	5.4585	-4.1059	2.0485	54.8955	16.9053	2.05127
17200	5.4676	-4.1139	2.0624	55.2520	17.0634	2.06517
17400	5.4780	-4.1224	2.0790	55.6633	17.2760	2.08179
17500	5.4837	-4.1268	2.0884	55.8905	17.4040	2.09120
17600	5.4897	-4.1314	2.0985	56.1333	17.5472	2.10138
17800	5.5028	-4.1410	2.1212	56.6659	17.8799	2.12416
18000	5.5172	-4.1512	2.1473	57.2644	18.2760	2.15034
18200	5.5327	-4.1619	2.1768	57.9268	18.7342	2.17993

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18400	5.5493	-4.1731	2.2096	58.6525	19.2523	2.21290
18500	5.5579	-4.1789	2.2272	59.0380	19.5327	2.23062
18600	5.5667	-4.1849	2.2457	59.4378	19.8260	2.24911
18800	5.5848	-4.1970	2.2845	60.2721	20.4454	2.28815
19000	5.6031	-4.2094	2.3259	61.1490	21.1022	2.32966
19200	5.6214	-4.2218	2.3690	62.0547	21.7837	2.37302
19400	5.6396	-4.2345	2.4135	62.9788	22.4781	2.41767
19500	5.6485	-4.2407	2.4360	63.4427	22.8256	2.44023
19600	5.6572	-4.2469	2.4585	63.9062	23.1712	2.46286
19800	5.6741	-4.2592	2.5034	64.8232	23.8496	2.50788
20000	5.6902	-4.2711	2.5474	65.7188	24.5021	2.55209
20500	5.7259	-4.2991	2.6502	67.7932	25.9532	2.65524
21000	5.7547	-4.3236	2.7377	69.5513	27.0724	2.74295
21500	5.7771	-4.3448	2.8076	70.9655	27.8401	2.81293
22000	5.7942	-4.3630	2.8609	72.0698	28.2984	2.86635
22500	5.8073	-4.3787	2.9008	72.9271	28.5172	2.90620
23000	5.8177	-4.3927	2.9308	73.6106	28.5728	2.93612
23500	5.8264	-4.4055	2.9543	74.1832	28.5316	2.95942
24000	5.8343	-4.4176	2.9741	74.7021	28.4499	2.97911
24500	5.8422	-4.4293	2.9928	75.2164	28.3790	2.99779
25000	5.8507	-4.4409	3.0130	75.7718	28.3614	3.01788
25500	5.8605	-4.4530	3.0369	76.4132	28.4408	3.04173
26000	5.8722	-4.4657	3.0668	77.1828	28.6563	3.07161
26500	5.8863	-4.4793	3.1047	78.1166	29.0408	3.10955
27000	5.9029	-4.4940	3.1522	79.2398	29.6161	3.15706
27500	5.9220	-4.5098	3.2098	80.5592	30.3850	3.21481
28000	5.9431	-4.5266	3.2769	82.0549	31.3251	3.28214
28500	5.9653	-4.5441	3.3517	83.6839	32.3897	3.35710
29000	5.9876	-4.5618	3.4309	85.3793	33.5123	3.43647
29500	6.0091	-4.5792	3.5107	87.0684	34.6189	3.51654
30000	6.0291	-4.5959	3.5876	88.6803	35.6406	3.59355
30500	6.0469	-4.6116	3.6584	90.1620	36.5263	3.66454
31000	6.0625	-4.6260	3.7215	91.4855	37.2501	3.72772
31500	6.0759	-4.6394	3.7762	92.6446	37.8084	3.78249
32000	6.0874	-4.6516	3.8228	93.6478	38.2126	3.82908
32500	6.0972	-4.6627	3.8622	94.5176	38.4885	3.86850
33000	6.1059	-4.6731	3.8959	95.2858	38.6669	3.90217
33500	6.1136	-4.6829	3.9254	95.9801	38.7789	3.93154
34000	6.1209	-4.6923	3.9521	96.6321	38.8560	3.95818
34500	6.1281	-4.7014	3.9776	97.2720	38.9284	3.98364
35000	6.1354	-4.7105	4.0034	97.9279	39.0235	4.00938

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-1.9407	1.0000	23.0017	2.4999	1.00000
400	3.0000	-2.0657	1.0000	23.7210	2.5000	1.00000
500	3.0969	-2.1626	1.0000	24.2788	2.5000	1.00000
600	3.1761	-2.2418	1.0000	24.7346	2.5000	1.00000
700	3.2430	-2.3087	1.0000	25.1200	2.5000	1.00000
800	3.3010	-2.3667	1.0000	25.4538	2.5000	1.00000
900	3.3522	-2.4178	1.0000	25.7483	2.5000	1.00000
1000	3.3979	-2.4640	1.0000	26.0107	2.5000	1.00000
1200	3.4771	-2.5432	1.0000	26.4665	2.5000	1.00000
1400	3.5441	-2.6101	1.0000	26.8518	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1500	3.5740	-2.6401	1.0000	27.0243	2.5000	1.00000
1600	3.6021	-2.6681	1.0000	27.1857	2.5000	1.00000
1800	3.6532	-2.7193	1.0000	27.4801	2.5000	1.00000
2000	3.6990	-2.7650	1.0000	27.7435	2.5000	1.00000
2200	3.7404	-2.8064	1.0000	27.9818	2.5000	1.00000
2400	3.7782	-2.8442	1.0000	28.1994	2.5000	1.00000
2500	3.7959	-2.8619	1.0000	28.3013	2.5000	1.00000
2600	3.8129	-2.8790	1.0000	28.3996	2.5000	1.00000
2800	3.8451	-2.9112	1.0000	28.5848	2.5000	1.00000
3000	3.8751	-2.9411	1.0000	28.7571	2.5000	1.00000
3200	3.9031	-2.9691	1.0000	28.9184	2.5000	1.00000
3400	3.9294	-2.9955	1.0000	29.0702	2.5000	1.00000
3500	3.9420	-3.0081	1.0000	29.1427	2.5000	1.00000
3600	3.9542	-3.0203	1.0000	29.2130	2.5000	1.00000
3800	3.9777	-3.0438	1.0000	29.3482	2.5000	1.00000
4000	4.0000	-3.0661	1.0000	29.4766	2.5000	1.00000
4200	4.0212	-3.0872	1.0000	29.5983	2.5000	1.00000
4400	4.0414	-3.1074	1.0000	29.7147	2.5000	1.00000
4500	4.0511	-3.1172	1.0000	29.7709	2.5000	1.00000
4600	4.0607	-3.1268	1.0000	29.8260	2.5001	1.00000
4800	4.0792	-3.1452	1.0000	29.9323	2.5002	1.00000
5000	4.0970	-3.1630	1.0000	30.0347	2.5003	1.00001
5200	4.1141	-3.1800	1.0000	30.1330	2.5007	1.00002
5400	4.1306	-3.1964	1.0000	30.2280	2.5013	1.00003
5500	4.1386	-3.2044	1.0000	30.2744	2.5017	1.00005
5600	4.1465	-3.2122	1.0001	30.3200	2.5023	1.00006
5800	4.1621	-3.2275	1.0001	30.4097	2.5041	1.00012
6000	4.1773	-3.2422	1.0002	30.4975	2.5070	1.00021
6200	4.1924	-3.2565	1.0004	30.5845	2.5117	1.00036
6400	4.2074	-3.2704	1.0006	30.6714	2.5187	1.00060
6500	4.2149	-3.2772	1.0008	30.7153	2.5236	1.00076
6600	4.2225	-3.2839	1.0010	30.7596	2.5293	1.00097
6800	4.2381	-3.2971	1.0015	30.8505	2.5446	1.00151
7000	4.2544	-3.3101	1.0023	30.9463	2.5662	1.00231
7200	4.2717	-3.3228	1.0034	31.0490	2.5962	1.00344
7400	4.2903	-3.3354	1.0050	31.1615	2.6370	1.00502
7500	4.3003	-3.3416	1.0060	31.2223	2.6624	1.00602
7600	4.3108	-3.3479	1.0072	31.2870	2.6917	1.00719
7800	4.3336	-3.3605	1.0101	31.4299	2.7636	1.01013
8000	4.3590	-3.3731	1.0140	31.5941	2.8569	1.01403
8200	4.3875	-3.3861	1.0191	31.7857	2.9762	1.01915
8400	4.4194	-3.3993	1.0257	32.0097	3.1270	1.02577
8500	4.4367	-3.4061	1.0297	32.1361	3.2160	1.02973
8600	4.4550	-3.4131	1.0341	32.2736	3.3152	1.03421
8800	4.4944	-3.4275	1.0447	32.5842	3.5471	1.04486
9000	4.5375	-3.4427	1.0580	32.9502	3.8303	1.05815
9200	4.5841	-3.4589	1.0743	33.3797	4.1721	1.07453
9400	4.6340	-3.4762	1.0942	33.8821	4.5805	1.09454
9500	4.6601	-3.4853	1.1057	34.1633	4.8121	1.10605
9600	4.6867	-3.4948	1.1182	34.4660	5.0632	1.11866
9800	4.7415	-3.5147	1.1468	35.1403	5.6273	1.14745
10000	4.7979	-3.5361	1.1806	35.9116	6.2786	1.18136
10200	4.8549	-3.5589	1.2198	36.7847	7.0199	1.22077
10400	4.9119	-3.5830	1.2646	37.7590	7.8502	1.26582
10500	4.9401	-3.5955	1.2891	38.2832	8.2971	1.29045

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10600	4.9680	-3.6082	1.3149	38.8300	8.7632	1.31642
10800	5.0222	-3.6343	1.3703	39.9851	9.7452	1.37208
11000	5.0737	-3.6606	1.4296	41.2014	10.7733	1.43174
11200	5.1218	-3.6868	1.4915	42.4512	11.8193	1.49401
11400	5.1657	-3.7124	1.5541	43.6969	12.8468	1.55696
11500	5.1859	-3.7248	1.5851	44.3069	13.3425	1.58807
11600	5.2050	-3.7367	1.6154	44.9017	13.8199	1.61856
11800	5.2394	-3.7595	1.6734	46.0306	14.7051	1.67683
12000	5.2689	-3.7804	1.7266	47.0575	15.4783	1.73019
12200	5.2939	-3.7992	1.7738	47.9659	16.1255	1.77755
12400	5.3147	-3.8161	1.8145	48.7502	16.6434	1.81842
12500	5.3237	-3.8240	1.8325	49.0980	16.8565	1.83646
12600	5.3318	-3.8313	1.8489	49.4165	17.0401	1.85292
12800	5.3459	-3.8448	1.8775	49.9744	17.3273	1.88150
13000	5.3575	-3.8569	1.9008	50.4379	17.5207	1.90482
13200	5.3670	-3.8678	1.9196	50.8224	17.6367	1.92369
13400	5.3749	-3.8777	1.9348	51.1420	17.6908	1.93881
13500	5.3783	-3.8824	1.9412	51.2820	17.6990	1.94522
13600	5.3814	-3.8869	1.9470	51.4101	17.6965	1.95094
13800	5.3870	-3.8955	1.9568	51.6368	17.6649	1.96062
14000	5.3918	-3.9034	1.9646	51.8307	17.6053	1.96840
14200	5.3960	-3.9110	1.9709	52.0006	17.5257	1.97468
14400	5.3997	-3.9182	1.9762	52.1515	17.4321	1.97991
14500	5.4015	-3.9217	1.9784	52.2213	17.3814	1.98203
14600	5.4031	-3.9251	1.9805	52.2882	17.3292	1.98408
14800	5.4063	-3.9319	1.9842	52.4158	17.2216	1.98772
15000	5.4094	-3.9384	1.9875	52.5376	17.1128	1.99095
15200	5.4124	-3.9448	1.9906	52.6564	17.0059	1.99394
15400	5.4155	-3.9512	1.9936	52.7761	16.9039	1.99687
15500	5.4171	-3.9543	1.9951	52.8372	16.8559	1.99836
15600	5.4187	-3.9574	1.9967	52.8997	16.8101	1.99991
15800	5.4221	-3.9637	2.0001	53.0309	16.7275	2.00323
16000	5.4258	-3.9700	2.0039	53.1729	16.6595	2.00702
16200	5.4299	-3.9764	2.0084	53.3294	16.6094	2.01146
16400	5.4345	-3.9829	2.0138	53.5057	16.5819	2.01680
16500	5.4370	-3.9861	2.0168	53.6020	16.5778	2.01987
16600	5.4397	-3.9895	2.0203	53.7058	16.5812	2.02326
16800	5.4457	-3.9964	2.0281	53.9353	16.6120	2.03113
17000	5.4526	-4.0036	2.0377	54.1995	16.6795	2.04068
17200	5.4605	-4.0111	2.0492	54.5043	16.7886	2.05221
17400	5.4696	-4.0191	2.0630	54.8561	16.9453	2.06606
17500	5.4746	-4.0232	2.0709	55.0506	17.0428	2.07394
17600	5.4799	-4.0275	2.0794	55.2592	17.1539	2.08251
17800	5.4914	-4.0364	2.0987	55.7187	17.4180	2.10181
18000	5.5043	-4.0458	2.1210	56.2383	17.7413	2.12421
18200	5.5183	-4.0558	2.1465	56.8190	18.1241	2.14983
18400	5.5335	-4.0663	2.1753	57.4610	18.5657	2.17873
18500	5.5415	-4.0718	2.1909	57.8057	18.8088	2.19443
18600	5.5498	-4.0774	2.2073	58.1644	19.0653	2.21091
18800	5.5668	-4.0888	2.2423	58.9214	19.6156	2.24611
19000	5.5843	-4.1007	2.2802	59.7281	20.2113	2.28412
19200	5.6022	-4.1128	2.3203	60.5735	20.8419	2.32446
19400	5.6202	-4.1252	2.3624	61.4500	21.4987	2.36671
19500	5.6291	-4.1313	2.3839	61.8952	21.8324	2.38834
19600	5.6380	-4.1375	2.4057	62.3437	22.1684	2.41022

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19800	5.6553	-4.1498	2.4496	63.2419	22.8384	2.45433
20000	5.6721	-4.1618	2.4935	64.1335	23.4974	2.49844
20500	5.7101	-4.1906	2.5993	66.2596	25.0239	2.60460
21000	5.7418	-4.2165	2.6930	68.1292	26.2756	2.69867
21500	5.7669	-4.2390	2.7706	69.6782	27.1952	2.77645
22000	5.7864	-4.2585	2.8316	70.9121	27.7961	2.83749
22500	5.8014	-4.2752	2.8780	71.8766	28.1324	2.88384
23000	5.8131	-4.2900	2.9129	72.6386	28.2742	2.91873
23500	5.8227	-4.3034	2.9398	73.2620	28.2889	2.94549
24000	5.8310	-4.3158	2.9615	73.8040	28.2356	2.96714
24500	5.8389	-4.3276	2.9809	74.3148	28.1649	2.98636
25000	5.8470	-4.3391	3.0002	74.8400	28.1215	3.00561
25500	5.8560	-4.3508	3.0219	75.4227	28.1477	3.02716
26000	5.8665	-4.3630	3.0480	76.1046	28.2820	3.05324
26500	5.8790	-4.3759	3.0807	76.9224	28.5587	3.08592
27000	5.8938	-4.3897	3.1216	77.9070	29.0055	3.12696
27500	5.9112	-4.4047	3.1721	79.0769	29.6372	3.17754
28000	5.9307	-4.4206	3.2322	80.4264	30.4461	3.23778
28500	5.9518	-4.4375	3.3009	81.9324	31.4044	3.30670
29000	5.9738	-4.4548	3.3760	83.5442	32.4607	3.38195
29500	5.9955	-4.4722	3.4540	85.1958	33.5480	3.46027
30000	6.0162	-4.4891	3.5316	86.8181	34.5980	3.53805
30500	6.0352	-4.5052	3.6054	88.3522	35.5526	3.61205
31000	6.0521	-4.5204	3.6731	89.7554	36.3712	3.67980
31500	6.0669	-4.5344	3.7331	91.0067	37.0349	3.73991
32000	6.0797	-4.5472	3.7851	92.1018	37.5425	3.79193
32500	6.0906	-4.5590	3.8295	93.0546	37.9109	3.83635
33000	6.1002	-4.5699	3.8674	93.8887	38.1637	3.87421
33500	6.1086	-4.5801	3.9000	94.6306	38.3298	3.90681
34000	6.1163	-4.5897	3.9289	95.3087	38.4399	3.93560
34500	6.1235	-4.5990	3.9554	95.9526	38.5220	3.96207
35000	6.1307	-4.6081	3.9811	96.5909	38.6051	3.98767

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8751	-1.8407	1.0000	22.7715	2.4999	1.00000
400	3.0000	-1.9657	1.0000	23.4907	2.5000	1.00000
500	3.0969	-2.0626	1.0000	24.0486	2.5000	1.00000
600	3.1761	-2.1418	1.0000	24.5044	2.5000	1.00000
700	3.2430	-2.2087	1.0000	24.8898	2.5000	1.00000
800	3.3010	-2.2667	1.0000	25.2236	2.5000	1.00000
900	3.3522	-2.3178	1.0000	25.5181	2.5000	1.00000
1000	3.3979	-2.3640	1.0000	25.7804	2.5000	1.00000
1200	3.4771	-2.4432	1.0000	26.2363	2.5000	1.00000
1400	3.5441	-2.5101	1.0000	26.6215	2.5000	1.00000
1500	3.5740	-2.5401	1.0000	26.7940	2.5000	1.00000
1600	3.6021	-2.5681	1.0000	26.9554	2.5000	1.00000
1800	3.6532	-2.6193	1.0000	27.2499	2.5000	1.00000
2000	3.6990	-2.6650	1.0000	27.5132	2.5000	1.00000
2200	3.7404	-2.7064	1.0000	27.7516	2.5000	1.00000
2400	3.7781	-2.7442	1.0000	27.9691	2.5000	1.00000
2500	3.7959	-2.7619	1.0000	28.0711	2.5000	1.00000
2600	3.8129	-2.7790	1.0000	28.1693	2.5000	1.00000
2800	3.8451	-2.8112	1.0000	28.3546	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3000	3.8751	-2.8411	1.0000	28.5269	2.5000	1.00000
3200	3.9031	-2.8691	1.0000	28.6882	2.5000	1.00000
3400	3.9294	-2.8955	1.0000	28.8400	2.5000	1.00000
3500	3.9420	-2.9081	1.0000	28.9125	2.5000	1.00000
3600	3.9542	-2.9203	1.0000	28.9827	2.5000	1.00000
3800	3.9777	-2.9438	1.0000	29.1180	2.5000	1.00000
4000	4.0000	-2.9661	1.0000	29.2463	2.5000	1.00000
4200	4.0212	-2.9872	1.0000	29.3680	2.5000	1.00000
4400	4.0414	-3.0075	1.0000	29.4845	2.5000	1.00000
4500	4.0512	-3.0172	1.0000	29.5407	2.5000	1.00000
4600	4.0607	-3.0268	1.0000	29.5958	2.5001	1.00000
4800	4.0792	-3.0452	1.0000	29.7020	2.5001	1.00000
5000	4.0970	-3.0630	1.0000	29.8044	2.5003	1.00001
5200	4.1140	-3.0800	1.0000	29.9027	2.5006	1.00001
5400	4.1305	-3.0964	1.0000	29.9976	2.5011	1.00003
5500	4.1386	-3.1044	1.0000	30.0439	2.5015	1.00004
5600	4.1465	-3.1122	1.0001	30.0895	2.5021	1.00005
5800	4.1620	-3.1275	1.0001	30.1790	2.5037	1.00011
6000	4.1772	-3.1422	1.0002	30.2664	2.5063	1.00019
6200	4.1921	-3.1565	1.0003	30.3528	2.5104	1.00032
6400	4.2070	-3.1704	1.0005	30.4390	2.5167	1.00054
6500	4.2145	-3.1772	1.0007	30.4823	2.5210	1.00068
6600	4.2220	-3.1839	1.0009	30.5258	2.5261	1.00086
6800	4.2373	-3.1971	1.0013	30.6151	2.5397	1.00134
7000	4.2532	-3.2100	1.0021	30.7083	2.5590	1.00205
7200	4.2699	-3.2226	1.0031	30.8075	2.5857	1.00307
7400	4.2879	-3.2352	1.0045	30.9153	2.6221	1.00448
7500	4.2975	-3.2414	1.0054	30.9732	2.6448	1.00537
7600	4.3075	-3.2476	1.0064	31.0344	2.6709	1.00641
7800	4.3290	-3.2600	1.0090	31.1687	2.7350	1.00903
8000	4.3531	-3.2724	1.0125	31.3221	2.8181	1.01251
8200	4.3799	-3.2852	1.0170	31.4995	2.9246	1.01707
8400	4.4099	-3.2981	1.0229	31.7058	3.0590	1.02297
8500	4.4261	-3.3047	1.0264	31.8217	3.1383	1.02651
8600	4.4433	-3.3115	1.0304	31.9475	3.2267	1.03050
8800	4.4802	-3.3255	1.0399	32.2309	3.4337	1.04000
9000	4.5208	-3.3401	1.0517	32.5634	3.6863	1.05186
9200	4.5649	-3.3556	1.0663	32.9529	3.9916	1.06649
9400	4.6123	-3.3722	1.0840	33.4074	4.3565	1.08436
9500	4.6370	-3.3808	1.0943	33.6617	4.5637	1.09466
9600	4.6625	-3.3898	1.1055	33.9356	4.7886	1.10596
9800	4.7151	-3.4088	1.1312	34.5455	5.2946	1.13177
10000	4.7694	-3.4290	1.1615	35.2439	5.8805	1.16226
10200	4.8249	-3.4507	1.1969	36.0368	6.5504	1.19785
10400	4.8807	-3.4736	1.2376	36.9263	7.3055	1.23877
10500	4.9085	-3.4855	1.2600	37.4072	7.7145	1.26128
10600	4.9361	-3.4978	1.2837	37.9111	8.1432	1.28512
10800	4.9903	-3.5229	1.3348	38.9830	9.0543	1.33663
11000	5.0424	-3.5485	1.3905	40.1262	10.0228	1.39259
11200	5.0916	-3.5744	1.4495	41.3189	11.0261	1.45197
11400	5.1373	-3.6000	1.5104	42.5316	12.0348	1.51326
11500	5.1587	-3.6125	1.5410	43.1344	12.5305	1.54405
11600	5.1789	-3.6248	1.5715	43.7303	13.0154	1.57464
11800	5.2159	-3.6482	1.6306	44.8789	13.9336	1.63410
12000	5.2483	-3.6701	1.6862	45.9482	14.7619	1.68994

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.2761	-3.6901	1.7367	46.9156	15.4796	1.74075
12400	5.2996	-3.7082	1.7815	47.7699	16.0772	1.78571
12500	5.3099	-3.7166	1.8016	48.1534	16.3304	1.80588
12600	5.3193	-3.7245	1.8202	48.5076	16.5540	1.82447
12800	5.3355	-3.7391	1.8529	49.1350	16.9175	1.85723
13000	5.3490	-3.7521	1.8800	49.6619	17.1799	1.88440
13200	5.3600	-3.7638	1.9022	50.1019	17.3561	1.90667
13400	5.3692	-3.7744	1.9203	50.4685	17.4609	1.92474
13500	5.3732	-3.7795	1.9281	50.6291	17.4914	1.93243
13600	5.3768	-3.7843	1.9350	50.7760	17.5088	1.93934
13800	5.3832	-3.7932	1.9468	51.0345	17.5118	1.95107
14000	5.3887	-3.8015	1.9563	51.2540	17.4797	1.96052
14200	5.3934	-3.8095	1.9640	51.4442	17.4223	1.96815
14400	5.3976	-3.8169	1.9703	51.6109	17.3458	1.97437
14500	5.3995	-3.8205	1.9730	51.6869	17.3018	1.97704
14600	5.4013	-3.8240	1.9755	51.7594	17.2559	1.97948
14800	5.4047	-3.8309	1.9799	51.8957	17.1577	1.98378
15000	5.4079	-3.8376	1.9836	52.0226	17.0550	1.98746
15200	5.4111	-3.8441	1.9870	52.1442	16.9515	1.99076
15400	5.4141	-3.8504	1.9902	52.2634	16.8500	1.99384
15500	5.4157	-3.8535	1.9917	52.3232	16.8008	1.99535
15600	5.4172	-3.8567	1.9933	52.3839	16.7535	1.99687
15800	5.4205	-3.8629	1.9965	52.5081	16.6651	2.00001
16000	5.4239	-3.8692	2.0000	52.6401	16.5879	2.00345
16200	5.4276	-3.8754	2.0039	52.7825	16.5245	2.00734
16400	5.4318	-3.8817	2.0085	52.9399	16.4795	2.01191
16500	5.4340	-3.8849	2.0112	53.0252	16.4648	2.01450
16600	5.4364	-3.8882	2.0140	53.1160	16.4561	2.01734
16800	5.4417	-3.8948	2.0206	53.3159	16.4588	2.02390
17000	5.4477	-3.9016	2.0285	53.5439	16.4920	2.03182
17200	5.4546	-3.9087	2.0381	53.8055	16.5607	2.04138
17400	5.4625	-3.9162	2.0496	54.1067	16.6697	2.05289
17500	5.4668	-3.9201	2.0561	54.2734	16.7407	2.05946
17600	5.4714	-3.9241	2.0633	54.4520	16.8236	2.06662
17800	5.4816	-3.9324	2.0795	54.8465	17.0271	2.08284
18000	5.4929	-3.9412	2.0984	55.2948	17.2835	2.10182
18200	5.5055	-3.9505	2.1202	55.7994	17.5954	2.12375
18400	5.5192	-3.9602	2.1451	56.3614	17.9636	2.14874
18500	5.5265	-3.9654	2.1587	56.6656	18.1693	2.16245
18600	5.5341	-3.9706	2.1731	56.9833	18.3886	2.17691
18800	5.5499	-3.9814	2.2042	57.6605	18.8668	2.20814
19000	5.5665	-3.9927	2.2382	58.3916	19.3953	2.24236
19200	5.5836	-4.0042	2.2749	59.1679	19.9659	2.27923
19400	5.6011	-4.0162	2.3140	59.9854	20.5729	2.31849
19500	5.6099	-4.0222	2.3342	60.4052	20.8860	2.33883
19600	5.6187	-4.0283	2.3549	60.8310	21.2039	2.35957
19800	5.6361	-4.0403	2.3970	61.6944	21.8489	2.40193
20000	5.6532	-4.0524	2.4399	62.5656	22.4970	2.44501
20500	5.6930	-4.0816	2.5462	64.6992	24.0559	2.55184
21000	5.7273	-4.1086	2.6447	66.6509	25.4117	2.65064
21500	5.7552	-4.1325	2.7293	68.3225	26.4726	2.73553
22000	5.7773	-4.1533	2.7979	69.6872	27.2195	2.80429
22500	5.7944	-4.1712	2.8513	70.7689	27.6840	2.85771
23000	5.8077	-4.1869	2.8919	71.6229	27.9265	2.89834
23500	5.8184	-4.2009	2.9230	72.3112	28.0126	2.92935

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
24000	5.8274	-4.2137	2.9476	72.8904	28.0023	2.95376
24500	5.8355	-4.2257	2.9683	73.4127	27.9479	2.97434
25000	5.8435	-4.2373	2.9876	73.9238	27.8947	2.99358
25500	5.8519	-4.2488	3.0079	74.4660	27.8851	3.01373
26000	5.8615	-4.2606	3.0312	75.0792	27.9563	3.03697
26500	5.8726	-4.2729	3.0596	75.8007	28.1439	3.06536
27000	5.8859	-4.2860	3.0950	76.6639	28.4786	3.10078
27500	5.9015	-4.3001	3.1389	77.6949	28.9819	3.14474
28000	5.9193	-4.3152	3.1919	78.8988	29.6583	3.19792
28500	5.9391	-4.3312	3.2540	80.2690	30.4960	3.26015
29000	5.9601	-4.3480	3.3236	81.7715	31.4594	3.32998
29500	5.9816	-4.3651	3.3983	83.3544	32.4956	3.40491
30000	6.0027	-4.3820	3.4749	84.9541	33.5413	3.48173
30500	6.0226	-4.3985	3.5501	86.5119	34.5366	3.55720
31000	6.0407	-4.4142	3.6211	87.9730	35.4288	3.62833
31500	6.0569	-4.4288	3.6857	89.3036	36.1865	3.69306
32000	6.0709	-4.4423	3.7428	90.4875	36.7954	3.75030
32500	6.0831	-4.4548	3.7924	91.5277	37.2608	3.79994
33000	6.0937	-4.4663	3.8350	92.4373	37.5995	3.84249
33500	6.1029	-4.4769	3.8715	93.2392	37.8341	3.87900
34000	6.1112	-4.4869	3.9033	93.9592	37.9920	3.91075
34500	6.1188	-4.4964	3.9317	94.6236	38.1017	3.93911
35000	6.1260	-4.5056	3.9582	95.2617	38.1905	3.96550

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.7407	1.0000	22.5412	2.4999	1.00000
400	3.0000	-1.8657	1.0000	23.2604	2.5000	1.00000
500	3.0969	-1.9626	1.0000	23.8183	2.5000	1.00000
600	3.1761	-2.0418	1.0000	24.2741	2.5000	1.00000
700	3.2430	-2.1087	1.0000	24.6595	2.5000	1.00000
800	3.3010	-2.1667	1.0000	24.9933	2.5000	1.00000
900	3.3522	-2.2178	1.0000	25.2878	2.5000	1.00000
1000	3.3979	-2.2640	1.0000	25.5502	2.5000	1.00000
1200	3.4771	-2.3432	1.0000	26.0060	2.5000	1.00000
1400	3.5441	-2.4101	1.0000	26.3913	2.5000	1.00000
1500	3.5740	-2.4401	1.0000	26.5638	2.5000	1.00000
1600	3.6021	-2.4681	1.0000	26.7251	2.5000	1.00000
1800	3.6532	-2.5193	1.0000	27.0197	2.5000	1.00000
2000	3.6990	-2.5650	1.0000	27.2830	2.5000	1.00000
2200	3.7404	-2.6064	1.0000	27.5213	2.5000	1.00000
2400	3.7782	-2.6442	1.0000	27.7388	2.5000	1.00000
2500	3.7959	-2.6619	1.0000	27.8408	2.5000	1.00000
2600	3.8129	-2.6790	1.0000	27.9390	2.5000	1.00000
2800	3.8451	-2.7112	1.0000	28.1243	2.5000	1.00000
3000	3.8751	-2.7411	1.0000	28.2967	2.5000	1.00000
3200	3.9031	-2.7691	1.0000	28.4579	2.5000	1.00000
3400	3.9294	-2.7955	1.0000	28.6097	2.5000	1.00000
3500	3.9420	-2.8081	1.0000	28.6821	2.5000	1.00000
3600	3.9542	-2.8203	1.0000	28.7525	2.5000	1.00000
3800	3.9777	-2.8438	1.0000	28.8877	2.5000	1.00000
4000	4.0000	-2.8661	1.0000	29.0160	2.5000	1.00000
4200	4.0212	-2.8872	1.0000	29.1378	2.5000	1.00000
4400	4.0414	-2.9075	1.0000	29.2543	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.0512	-2.9172	1.0000	29.3104	2.5000	1.00000
4600	4.0607	-2.9268	1.0000	29.3655	2.5000	1.00000
4800	4.0792	-2.9452	1.0000	29.4718	2.5001	1.00000
5000	4.0970	-2.9630	1.0000	29.5741	2.5003	1.00001
5200	4.1140	-2.9800	1.0000	29.6723	2.5005	1.00001
5400	4.1305	-2.9964	1.0000	29.7672	2.5010	1.00003
5500	4.1385	-3.0044	1.0000	29.8135	2.5014	1.00004
5600	4.1464	-3.0122	1.0000	29.8590	2.5018	1.00005
5800	4.1619	-3.0275	1.0001	29.9484	2.5033	1.00009
6000	4.1771	-3.0422	1.0002	30.0355	2.5056	1.00017
6200	4.1919	-3.0565	1.0003	30.1214	2.5093	1.00029
6400	4.2067	-3.0704	1.0005	30.2069	2.5149	1.00048
6500	4.2141	-3.0772	1.0006	30.2497	2.5187	1.00061
6600	4.2215	-3.0838	1.0008	30.2926	2.5233	1.00077
6800	4.2366	-3.0971	1.0012	30.3803	2.5354	1.00119
7000	4.2521	-3.1099	1.0018	30.4712	2.5525	1.00183
7200	4.2683	-3.1225	1.0027	30.5673	2.5764	1.00273
7400	4.2857	-3.1350	1.0040	30.6708	2.6088	1.00399
7500	4.2949	-3.1411	1.0048	30.7261	2.6291	1.00478
7600	4.3044	-3.1473	1.0057	30.7842	2.6523	1.00571
7800	4.3250	-3.1595	1.0090	30.9109	2.7095	1.00805
8000	4.3477	-3.1718	1.0111	31.0545	2.7836	1.01115
8200	4.3730	-3.1844	1.0152	31.2194	2.8785	1.01522
8400	4.4012	-3.1971	1.0204	31.4100	2.9983	1.02048
8500	4.4164	-3.2035	1.0236	31.5166	3.0691	1.02363
8600	4.4325	-3.2101	1.0271	31.6318	3.1479	1.02720
8800	4.4673	-3.2237	1.0356	31.8909	3.3325	1.03567
9000	4.5054	-3.2378	1.0461	32.1935	3.5579	1.04625
9200	4.5470	-3.2527	1.0591	32.5470	3.8304	1.05931
9400	4.5919	-3.2685	1.0750	32.9588	4.1565	1.07527
9500	4.6154	-3.2768	1.0841	33.1890	4.3417	1.08448
9600	4.6396	-3.2854	1.0942	33.4366	4.5428	1.09458
9800	4.6899	-3.3034	1.1172	33.9882	4.9962	1.11770
10000	4.7421	-3.3226	1.1444	34.6204	5.5223	1.14507
10200	4.7958	-3.3431	1.1762	35.3393	6.1261	1.17712
10400	4.8502	-3.3649	1.2130	36.1488	6.8102	1.21417
10500	4.8775	-3.3762	1.2333	36.5880	7.1825	1.23463
10600	4.9047	-3.3880	1.2550	37.0502	7.5746	1.25640
10800	4.9584	-3.4120	1.3020	38.0387	8.4138	1.30373
11000	5.0107	-3.4369	1.3537	39.1050	9.3174	1.35580
11200	5.0607	-3.4622	1.4094	40.2319	10.2680	1.41182
11400	5.1078	-3.4876	1.4678	41.3970	11.2425	1.47067
11500	5.1300	-3.5001	1.4976	41.9838	11.7291	1.50064
11600	5.1512	-3.5125	1.5276	42.5701	12.2116	1.53078
11800	5.1906	-3.5364	1.5868	43.7192	13.1441	1.59037
12000	5.2256	-3.5591	1.6438	44.8136	14.0106	1.64773
12200	5.2562	-3.5800	1.6971	45.8266	14.7858	1.70123
12400	5.2825	-3.5993	1.7454	46.7417	15.4546	1.74977
12500	5.2941	-3.6083	1.7674	47.1580	15.7458	1.77190
12600	5.3047	-3.6167	1.7879	47.5461	16.0079	1.79253
12800	5.3233	-3.6324	1.8247	48.2424	16.4484	1.82943
13000	5.3388	-3.6465	1.8558	48.8350	16.7834	1.86061
13200	5.3517	-3.6591	1.8817	49.3351	17.0253	1.88657
13400	5.3623	-3.6705	1.9031	49.7547	17.1875	1.90793
13500	5.3670	-3.6759	1.9123	49.9386	17.2432	1.91710

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13600	5.3712	-3.6810	1.9206	50.1068	17.2839	1.92537
13800	5.3786	-3.6905	1.9348	50.4027	17.3272	1.93950
14000	5.3849	-3.6993	1.9462	50.6529	17.3282	1.95094
14200	5.3903	-3.7076	1.9556	50.8679	17.2973	1.96021
14400	5.3950	-3.7154	1.9632	51.0541	17.2420	1.96776
14500	5.3971	-3.7191	1.9665	51.1383	17.2071	1.97099
14600	5.3991	-3.7227	1.9695	51.2179	17.1685	1.97393
14800	5.4028	-3.7298	1.9747	51.3656	17.0831	1.97906
15000	5.4063	-3.7366	1.9791	51.5006	16.9894	1.98338
15200	5.4095	-3.7432	1.9830	51.6274	16.8916	1.98713
15400	5.4127	-3.7496	1.9864	51.7487	16.7932	1.99051
15500	5.4142	-3.7527	1.9881	51.8086	16.7445	1.99210
15600	5.4158	-3.7559	1.9897	51.8689	16.6967	1.99367
15800	5.4189	-3.7621	1.9929	51.9894	16.6056	1.99680
16000	5.4222	-3.7683	1.9962	52.1146	16.5223	2.00005
16200	5.4257	-3.7745	1.9998	52.2468	16.4498	2.00359
16400	5.4295	-3.7807	2.0039	52.3901	16.3914	2.00760
16500	5.4315	-3.7838	2.0061	52.4668	16.3686	2.00984
16600	5.4336	-3.7870	2.0086	52.5474	16.3504	2.01226
16800	5.4383	-3.7934	2.0141	52.7236	16.3309	2.01779
17000	5.4436	-3.8000	2.0208	52.9225	16.3364	2.02441
17200	5.4496	-3.8067	2.0287	53.1482	16.3713	2.03235
17400	5.4565	-3.8138	2.0383	53.4068	16.4402	2.04190
17500	5.4602	-3.8175	2.0437	53.5502	16.4890	2.04736
17600	5.4643	-3.8212	2.0497	53.7030	16.5478	2.05332
17800	5.4731	-3.8290	2.0632	54.0409	16.6981	2.06687
18000	5.4830	-3.8372	2.0791	54.4261	16.8956	2.08283
18200	5.4942	-3.8458	2.0976	54.8617	17.1433	2.10142
18400	5.5064	-3.8549	2.1189	55.3502	17.4432	2.12281
18500	5.5130	-3.8597	2.1307	55.6160	17.6136	2.13463
18600	5.5199	-3.8645	2.1432	55.8947	17.7972	2.14717
18800	5.5343	-3.8747	2.1704	56.4944	18.2043	2.17454
19000	5.5497	-3.8853	2.2006	57.1481	18.6627	2.20489
19200	5.5659	-3.8963	2.2336	57.8512	19.1678	2.23805
19400	5.5826	-3.9077	2.2692	58.6005	19.7152	2.27385
19500	5.5911	-3.9135	2.2878	58.9893	20.0018	2.29261
19600	5.5997	-3.9193	2.3070	59.3860	20.2956	2.31187
19800	5.6168	-3.9311	2.3466	60.2011	20.9015	2.35175
20000	5.6339	-3.9430	2.3876	61.0353	21.5225	2.39296
20500	5.6749	-3.9723	2.4923	63.1357	23.0728	2.49821
21000	5.7113	-4.0001	2.5935	65.1339	24.4979	2.59980
21500	5.7420	-4.0252	2.6839	66.9062	25.6796	2.69057
22000	5.7668	-4.0473	2.7597	68.3945	26.5667	2.76666
22500	5.7862	-4.0665	2.8204	69.5978	27.1665	2.82740
23000	5.8014	-4.0832	2.8674	70.5554	27.5226	2.87444
23500	5.8135	-4.0980	2.9035	71.3220	27.6947	2.91049
24000	5.8234	-4.1113	2.9316	71.9528	27.7420	2.93848
24500	5.8319	-4.1237	2.9545	72.5015	27.7185	2.96124
25000	5.8400	-4.1354	2.9747	73.0136	27.6710	2.98128
25500	5.8481	-4.1469	2.9944	73.5314	27.6413	3.00088
26000	5.8569	-4.1584	3.0158	74.0940	27.6668	3.02218
26500	5.8670	-4.1703	3.0409	74.7380	27.7834	3.04723
27000	5.8789	-4.1827	3.0716	75.4976	28.0219	3.07791
27500	5.8928	-4.1961	3.1096	76.4027	28.4087	3.11594
28000	5.9089	-4.2103	3.1559	77.4682	28.9582	3.16240

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28500	5.9272	-4.2255	3.2112	78.6997	29.6709	3.21779
29000	5.9471	-4.2415	3.2746	80.0772	30.5254	3.28143
29500	5.9679	-4.2582	3.3446	81.5666	31.4842	3.35167
30000	5.9889	-4.2749	3.4185	83.1132	32.4932	3.42586
30500	6.0093	-4.2916	3.4934	84.6613	33.4957	3.50101
31000	6.0284	-4.3076	3.5662	86.1525	34.4351	3.57400
31500	6.0457	-4.3227	3.6344	87.5440	35.2688	3.64234
32000	6.0611	-4.3369	3.6962	88.8074	35.9716	3.70427
32500	6.0746	-4.3500	3.7509	89.9336	36.5353	3.75905
33000	6.0863	-4.3621	3.7984	90.9249	36.9655	3.80660
33500	6.0965	-4.3733	3.8394	91.7973	37.2797	3.84758
34000	6.1055	-4.3838	3.8748	92.5723	37.5002	3.88299
34500	6.1136	-4.3935	3.9059	93.2728	37.6528	3.91406
35000	6.1212	-4.4029	3.9341	93.9271	37.7642	3.94212

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.6407	1.0000	22.3109	2.4999	1.00000
400	3.0000	-1.7657	1.0000	23.0302	2.5000	1.00000
500	3.0969	-1.8626	1.0000	23.5880	2.5000	1.00000
600	3.1761	-1.9418	1.0000	24.0438	2.5000	1.00000
700	3.2430	-2.0087	1.0000	24.4292	2.5000	1.00000
800	3.3010	-2.0667	1.0000	24.7631	2.5000	1.00000
900	3.3522	-2.1178	1.0000	25.0575	2.5000	1.00000
1000	3.3979	-2.1640	1.0000	25.3199	2.5000	1.00000
1200	3.4771	-2.2432	1.0000	25.7757	2.5000	1.00000
1400	3.5441	-2.3101	1.0000	26.1610	2.5000	1.00000
1500	3.5740	-2.3401	1.0000	26.3336	2.5000	1.00000
1600	3.6021	-2.3681	1.0000	26.4948	2.5000	1.00000
1800	3.6532	-2.4193	1.0000	26.7894	2.5000	1.00000
2000	3.6990	-2.4650	1.0000	27.0527	2.5000	1.00000
2200	3.7404	-2.5064	1.0000	27.2910	2.5000	1.00000
2400	3.7781	-2.5442	1.0000	27.5086	2.5000	1.00000
2500	3.7959	-2.5619	1.0000	27.6105	2.5000	1.00000
2600	3.8129	-2.5790	1.0000	27.7087	2.5000	1.00000
2800	3.8451	-2.6112	1.0000	27.8940	2.5000	1.00000
3000	3.8751	-2.6411	1.0000	28.0664	2.5000	1.00000
3200	3.9031	-2.6691	1.0000	28.2277	2.5000	1.00000
3400	3.9294	-2.6955	1.0000	28.3794	2.5000	1.00000
3500	3.9420	-2.7081	1.0000	28.4519	2.5000	1.00000
3600	3.9542	-2.7203	1.0000	28.5223	2.5000	1.00000
3800	3.9777	-2.7438	1.0000	28.6575	2.5000	1.00000
4000	4.0000	-2.7661	1.0000	28.7857	2.5000	1.00000
4200	4.0212	-2.7872	1.0000	28.9075	2.5000	1.00000
4400	4.0414	-2.8075	1.0000	29.0240	2.5000	1.00000
4500	4.0512	-2.8172	1.0000	29.0801	2.5000	1.00000
4600	4.0607	-2.8268	1.0000	29.1352	2.5000	1.00000
4800	4.0792	-2.8452	1.0000	29.2415	2.5001	1.00000
5000	4.0969	-2.8630	1.0000	29.3438	2.5002	1.00001
5200	4.1140	-2.8800	1.0000	29.4420	2.5004	1.00001
5400	4.1305	-2.8964	1.0000	29.5368	2.5009	1.00002
5500	4.1385	-2.9044	1.0000	29.5831	2.5012	1.00003
5600	4.1464	-2.9122	1.0000	29.6285	2.5016	1.00004
5800	4.1619	-2.9275	1.0001	29.7178	2.5029	1.00008

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6000	4.1770	-2.9422	1.0001	29.8046	2.5050	1.00015
6200	4.1918	-2.9565	1.0003	29.8901	2.5083	1.00026
6400	4.2064	-2.9704	1.0004	29.9749	2.5133	1.00042
6500	4.2137	-2.9772	1.0005	30.0173	2.5166	1.00054
6600	4.2211	-2.9838	1.0007	30.0597	2.5208	1.00069
6800	4.2359	-2.9970	1.0011	30.1460	2.5316	1.00106
7000	4.2511	-3.0098	1.0016	30.2348	2.5468	1.00163
7200	4.2669	-3.0224	1.0024	30.3282	2.5681	1.00243
7400	4.2837	-3.0348	1.0035	30.4278	2.5970	1.00356
7500	4.2925	-3.0409	1.0043	30.4807	2.6151	1.00426
7600	4.3017	-3.0470	1.0051	30.5362	2.6357	1.00509
7800	4.3213	-3.0592	1.0072	30.6562	2.6867	1.00718
8000	4.3429	-3.0713	1.0099	30.7911	2.7528	1.00994
8200	4.3667	-3.0837	1.0135	30.9447	2.8374	1.01357
8400	4.3933	-3.0961	1.0182	31.1212	2.9442	1.01826
8500	4.4076	-3.1025	1.0210	31.2195	3.0073	1.02107
8600	4.4227	-3.1089	1.0242	31.3254	3.0776	1.02425
8800	4.4553	-3.1221	1.0317	31.5626	3.2423	1.03180
9000	4.4912	-3.1357	1.0411	31.8387	3.4434	1.04124
9200	4.5304	-3.1501	1.0527	32.1600	3.6865	1.05289
9400	4.5728	-3.1652	1.0669	32.5336	3.9777	1.06715
9500	4.5951	-3.1732	1.0750	32.7422	4.1433	1.07539
9600	4.6181	-3.1813	1.0840	32.9662	4.3230	1.08441
9800	4.6660	-3.1984	1.1046	33.4651	4.7287	1.10510
10000	4.7161	-3.2167	1.1290	34.0372	5.2007	1.12965
10200	4.7678	-3.2361	1.1576	34.6883	5.7438	1.15845
10400	4.8206	-3.2569	1.1908	35.4239	6.3619	1.19190
10500	4.8472	-3.2676	1.2092	35.8237	6.6993	1.21043
10600	4.8739	-3.2788	1.2288	36.2459	7.0562	1.23022
10800	4.9269	-3.3018	1.2718	37.1529	7.8242	1.27347
11000	4.9789	-3.3258	1.3195	38.1400	8.6601	1.32152
11200	5.0293	-3.3504	1.3714	39.1950	9.5512	1.37385
11400	5.0773	-3.3753	1.4268	40.3010	10.4800	1.42964
11500	5.1001	-3.3876	1.4554	40.8649	10.9507	1.45842
11600	5.1222	-3.4000	1.4844	41.4332	11.4222	1.48764
11800	5.1636	-3.4242	1.5428	42.5651	12.3508	1.54640
12000	5.2010	-3.4474	1.6003	43.6666	13.2369	1.60425
12200	5.2341	-3.4692	1.6552	44.7084	14.0534	1.65950
12400	5.2631	-3.4895	1.7062	45.6702	14.7806	1.71083
12500	5.2760	-3.4989	1.7299	46.1149	15.1055	1.73466
12600	5.2880	-3.5080	1.7523	45.5345	15.4037	1.75717
12800	5.3091	-3.5248	1.7930	47.2965	15.9190	1.79804
13000	5.3269	-3.5399	1.8281	47.9554	16.3280	1.83327
13200	5.3417	-3.5536	1.8579	48.5187	16.6396	1.86313
13400	5.3541	-3.5659	1.8828	48.9958	16.8644	1.88808
13500	5.3595	-3.5717	1.8936	49.2057	16.9483	1.89889
13600	5.3644	-3.5771	1.9034	49.3979	17.0152	1.90868
13800	5.3730	-3.5873	1.9203	49.7365	17.1048	1.92555
14000	5.3803	-3.5966	1.9341	50.0228	17.1445	1.93932
14200	5.3864	-3.6053	1.9454	50.2671	17.1454	1.95053
14400	5.3918	-3.6135	1.9547	50.4772	17.1161	1.95969
14500	5.3942	-3.6173	1.9586	50.5716	17.0921	1.96361
14600	5.3964	-3.6211	1.9622	50.6600	17.0633	1.96717
14800	5.4006	-3.6284	1.9685	50.8226	16.9940	1.97334
15000	5.4043	-3.6354	1.9737	50.9686	16.9127	1.97849

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15200	5.4078	-3.6421	1.9782	51.1032	16.8238	1.98287
15400	5.4110	-3.6486	1.9821	51.2297	16.7311	1.98671
15500	5.4126	-3.6518	1.9840	51.2910	16.6842	1.98847
15600	5.4142	-3.6550	1.9857	51.3517	16.6375	1.99017
15800	5.4174	-3.6613	1.9890	51.4719	16.5464	1.99343
16000	5.4206	-3.6675	1.9923	51.5932	16.4601	1.99665
16200	5.4239	-3.6736	1.9958	51.7187	16.3817	2.00000
16400	5.4274	-3.6797	1.9995	51.8513	16.3139	2.00364
16500	5.4293	-3.6829	2.0015	51.9216	16.2848	2.00563
16600	5.4312	-3.6859	2.0036	51.9947	16.2597	2.00775
16800	5.4354	-3.6921	2.0084	52.1518	16.2224	2.01249
17000	5.4401	-3.6986	2.0141	52.3273	16.2059	2.01808
17200	5.4454	-3.7050	2.0207	52.5241	16.2135	2.02472
17400	5.4514	-3.7118	2.0287	52.7478	16.2495	2.03267
17500	5.4547	-3.7153	2.0332	52.8711	16.2794	2.03721
17600	5.4582	-3.7188	2.0382	53.0025	16.3179	2.04216
17800	5.4659	-3.7261	2.0495	53.2924	16.4231	2.05345
18000	5.4746	-3.7338	2.0628	53.6227	16.5691	2.06679
18200	5.4843	-3.7418	2.0783	53.9972	16.7596	2.08243
18400	5.4952	-3.7503	2.0964	54.4193	16.9973	2.10058
18500	5.5011	-3.7547	2.1064	54.6497	17.1350	2.11065
18600	5.5072	-3.7592	2.1171	54.8921	17.2849	2.12141
18800	5.5203	-3.7687	2.1407	55.4175	17.6235	2.14507
19000	5.5343	-3.7786	2.1671	55.9948	18.0123	2.17160
19200	5.5493	-3.7890	2.1963	56.6232	18.4498	2.20097
19400	5.5650	-3.7998	2.2282	57.2998	18.9325	2.23307
19500	5.5731	-3.8053	2.2451	57.6544	19.1892	2.25008
19600	5.5813	-3.8108	2.2626	58.0185	19.4548	2.26767
19800	5.5979	-3.8223	2.2992	58.7755	20.0110	2.30455
20000	5.6147	-3.8338	2.3377	59.5601	20.5918	2.34321
20500	5.6560	-3.8629	2.4387	61.5898	22.0942	2.44485
21000	5.6942	-3.8911	2.5403	63.5929	23.5474	2.54695
21500	5.7273	-3.9172	2.6349	65.4376	24.8228	2.64200
22000	5.7547	-3.9405	2.7172	67.0364	25.8393	2.72467
22500	5.7767	-3.9610	2.7851	68.3616	26.5755	2.79275
23000	5.7940	-3.9789	2.8390	69.4307	27.0546	2.84666
23500	5.8076	-3.9946	2.8808	70.2876	27.3258	2.88845
24000	5.8187	-4.0085	2.9132	70.9833	27.4455	2.92080
24500	5.8280	-4.0214	2.9391	71.5725	27.4678	2.94653
25000	5.8363	-4.0334	2.9609	72.1002	27.4409	2.96818
25500	5.8444	-4.0449	2.9809	72.6089	27.4068	2.98807
26000	5.8528	-4.0563	3.0013	73.1374	27.4036	3.00831
26500	5.8620	-4.0678	3.0240	73.7226	27.4662	3.03095
27000	5.8727	-4.0798	3.0509	74.3977	27.6270	3.05785
27500	5.8852	-4.0924	3.0839	75.1938	27.9137	3.09081
28000	5.8997	-4.1059	3.1242	76.1333	28.3465	3.13120
28500	5.9163	-4.1203	3.1728	77.2286	28.9347	3.17991
29000	5.9347	-4.1355	3.2296	78.4745	29.6712	3.23697
29500	5.9546	-4.1515	3.2939	79.8506	30.5327	3.30151
30000	5.9751	-4.1679	3.3638	81.3165	31.4777	3.37162
30500	5.9956	-4.1845	3.4367	82.8241	32.4565	3.44481
31000	6.0153	-4.2006	3.5097	84.3164	33.4135	3.51807
31500	6.0336	-4.2162	3.5801	85.7449	34.3007	3.58867
32000	6.0502	-4.2309	3.6456	87.0712	35.0803	3.65436
32500	6.0650	-4.2446	3.7049	88.2739	35.7344	3.71376

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
33000	6.0779	-4.2574	3.7573	89.3472	36.2577	3.76628
33500	6.0892	-4.2692	3.8030	90.2963	36.6582	3.81203
34000	6.0991	-4.2801	3.8427	91.1357	36.9529	3.85165
34500	6.1079	-4.2903	3.8772	91.8865	37.1630	3.88616
35000	6.1159	-4.3000	3.9078	92.5728	37.3132	3.91672

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.5407	1.0000	22.0807	2.4999	1.00000
400	3.0000	-1.6657	1.0000	22.7999	2.4999	1.00000
500	3.0969	-1.7626	1.0000	23.3578	2.5000	1.00000
600	3.1761	-1.8418	1.0000	23.8136	2.5000	1.00000
700	3.2430	-1.9087	1.0000	24.1990	2.5000	1.00000
800	3.3010	-1.9667	1.0000	24.5328	2.5000	1.00000
900	3.3522	-2.0179	1.0000	24.8273	2.5000	1.00000
1000	3.3979	-2.0640	1.0000	25.0896	2.5000	1.00000
1200	3.4771	-2.1432	1.0000	25.5455	2.5000	1.00000
1400	3.5441	-2.2101	1.0000	25.9307	2.5000	1.00000
1500	3.5740	-2.2401	1.0000	26.1033	2.5000	1.00000
1600	3.6021	-2.2681	1.0000	26.2646	2.5000	1.00000
1800	3.6532	-2.3193	1.0000	26.5591	2.5000	1.00000
2000	3.6990	-2.3650	1.0000	26.8225	2.5000	1.00000
2200	3.7404	-2.4064	1.0000	27.0607	2.5000	1.00000
2400	3.7782	-2.4442	1.0000	27.2784	2.5000	1.00000
2500	3.7959	-2.4619	1.0000	27.3803	2.5000	1.00000
2600	3.8129	-2.4790	1.0000	27.4785	2.5000	1.00000
2800	3.8451	-2.5112	1.0000	27.6638	2.5000	1.00000
3000	3.8751	-2.5411	1.0000	27.8361	2.5000	1.00000
3200	3.9031	-2.5691	1.0000	27.9974	2.5000	1.00000
3400	3.9294	-2.5955	1.0000	28.1491	2.5000	1.00000
3500	3.9420	-2.6081	1.0000	28.2216	2.5000	1.00000
3600	3.9542	-2.6203	1.0000	28.2920	2.5000	1.00000
3800	3.9777	-2.6438	1.0000	28.4272	2.5000	1.00000
4000	4.0000	-2.6661	1.0000	28.5555	2.5000	1.00000
4200	4.0212	-2.6872	1.0000	28.6773	2.5000	1.00000
4400	4.0414	-2.7075	1.0000	28.7938	2.5000	1.00000
4500	4.0512	-2.7172	1.0000	28.8498	2.5000	1.00000
4600	4.0607	-2.7268	1.0000	28.9049	2.5000	1.00000
4800	4.0792	-2.7452	1.0000	29.0112	2.5001	1.00000
5000	4.0969	-2.7630	1.0000	29.1136	2.5002	1.00001
5200	4.1140	-2.7800	1.0000	29.2117	2.5004	1.00001
5400	4.1305	-2.7964	1.0000	29.3065	2.5008	1.00002
5500	4.1385	-2.8044	1.0000	29.3527	2.5011	1.00003
5600	4.1464	-2.8122	1.0000	29.3981	2.5014	1.00004
5800	4.1618	-2.8275	1.0001	29.4872	2.5026	1.00007
6000	4.1769	-2.8422	1.0001	29.5738	2.5045	1.00013
6200	4.1916	-2.8565	1.0002	29.6589	2.5073	1.00023
6400	4.2062	-2.8703	1.0004	29.7430	2.5118	1.00038
6500	4.2134	-2.8771	1.0005	29.7850	2.5148	1.00048
6600	4.2207	-2.8838	1.0006	29.8271	2.5185	1.00061
6800	4.2353	-2.8970	1.0009	29.9120	2.5282	1.00095
7000	4.2502	-2.9098	1.0014	29.9992	2.5417	1.00145
7200	4.2657	-2.9223	1.0022	30.0900	2.5607	1.00217
7400	4.2819	-2.9346	1.0032	30.1862	2.5864	1.00317

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7500	4.2905	-2.9407	1.0038	30.2370	2.6026	1.00380
7600	4.2993	-2.9468	1.0045	30.2901	2.6210	1.00454
7800	4.3180	-2.9589	1.0064	30.4042	2.6664	1.00640
8000	4.3385	-2.9709	1.0088	30.5312	2.7253	1.00886
8200	4.3611	-2.9830	1.0121	30.6749	2.8008	1.01209
8400	4.3861	-2.9953	1.0162	30.8387	2.8960	1.01628
8500	4.3996	-3.0015	1.0187	30.9297	2.9523	1.01879
8600	4.4138	-3.0078	1.0215	31.0273	3.0150	1.02162
8800	4.4444	-3.0206	1.0283	31.2450	3.1618	1.02836
9000	4.4781	-3.0339	1.0366	31.4974	3.3412	1.03677
9200	4.5150	-3.0477	1.0470	31.7900	3.5582	1.04717
9400	4.5550	-3.0623	1.0596	32.1291	3.8182	1.05990
9500	4.5761	-3.0699	1.0669	32.3182	3.9660	1.06725
9600	4.5979	-3.0777	1.0749	32.5213	4.1268	1.07532
9800	4.6434	-3.0940	1.0933	32.9727	4.4896	1.09382
10000	4.6913	-3.1113	1.1152	33.4904	4.9124	1.11581
10200	4.7410	-3.1298	1.1408	34.0799	5.4001	1.14166
10400	4.7921	-3.1495	1.1707	34.7472	5.9570	1.17179
10500	4.8179	-3.1597	1.1873	35.1104	6.2619	1.18852
10600	4.8439	-3.1704	1.2051	35.4949	6.5853	1.20644
10800	4.8958	-3.1923	1.2441	36.3236	7.2848	1.24577
11000	4.9473	-3.2152	1.2878	37.2320	8.0526	1.28982
11200	4.9977	-3.2390	1.3359	38.2126	8.8806	1.33831
11400	5.0462	-3.2633	1.3879	39.2525	9.7554	1.39067
11500	5.0695	-3.2755	1.4150	39.7892	10.2049	1.41802
11600	5.0922	-3.2876	1.4428	40.3332	10.6586	1.44597
11800	5.1351	-3.3117	1.4994	41.4316	11.5671	1.50300
12000	5.1745	-3.3353	1.5563	42.5219	12.4554	1.56034
12200	5.2101	-3.3577	1.6119	43.5752	13.2962	1.61634
12400	5.2416	-3.3788	1.6648	44.5687	14.0673	1.66962
12500	5.2559	-3.3887	1.6898	45.0358	14.4201	1.69479
12600	5.2692	-3.3984	1.7138	45.4819	14.7499	1.71889
12800	5.2928	-3.4163	1.7580	46.3023	15.3333	1.76331
13000	5.3130	-3.4324	1.7969	47.0243	15.8142	1.80240
13200	5.3300	-3.4471	1.8306	47.6509	16.1965	1.83619
13400	5.3443	-3.4604	1.8592	48.1880	16.4876	1.86489
13500	5.3505	-3.4666	1.8717	48.4260	16.6024	1.87747
13600	5.3562	-3.4725	1.8832	48.6447	16.6983	1.88895
13800	5.3662	-3.4833	1.9032	49.0311	16.8400	1.90889
14000	5.3746	-3.4934	1.9196	49.3589	16.9246	1.92534
14200	5.3818	-3.5026	1.9332	49.6375	16.9628	1.93883
14400	5.3879	-3.5112	1.9443	49.8762	16.9641	1.94989
14500	5.3906	-3.5152	1.9491	49.9828	16.9534	1.95464
14600	5.3932	-3.5192	1.9535	50.0823	16.9365	1.95895
14800	5.3978	-3.5268	1.9610	50.2632	16.8871	1.96641
15000	5.4020	-3.5339	1.9673	50.4237	16.8216	1.97260
15200	5.4057	-3.5409	1.9726	50.5694	16.7448	1.97780
15400	5.4092	-3.5475	1.9772	50.7035	16.6607	1.98227
15500	5.4109	-3.5508	1.9792	50.7675	16.6170	1.98428
15600	5.4125	-3.5540	1.9812	50.8302	16.5729	1.98618
15800	5.4157	-3.5604	1.9848	50.9527	16.4846	1.98973
16000	5.4189	-3.5666	1.9883	51.0729	16.3981	1.99309
16200	5.4221	-3.5728	1.9917	51.1948	16.3166	1.99642
16400	5.4255	-3.5788	1.9952	51.3204	16.2430	1.99987
16500	5.4273	-3.5819	1.9971	51.3862	16.2096	2.00171

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16600	5.4291	-3.5850	1.9991	51.4537	16.1794	2.00362
16800	5.4329	-3.5910	2.0033	51.5965	16.1290	2.00780
17000	5.4371	-3.5973	2.0082	51.7537	16.0952	2.01261
17200	5.4418	-3.6036	2.0138	51.9276	16.0811	2.01824
17400	5.4471	-3.6101	2.0205	52.1228	16.0903	2.02491
17500	5.4500	-3.6133	2.0243	52.2294	16.1047	2.02869
17600	5.4531	-3.6167	2.0285	52.3431	16.1265	2.03281
17800	5.4598	-3.6236	2.0379	52.5926	16.1936	2.04221
18000	5.4673	-3.6308	2.0490	52.8760	16.2958	2.05333
18200	5.4759	-3.6384	2.0620	53.1975	16.4365	2.06642
18400	5.4854	-3.6463	2.0772	53.5611	16.6195	2.08169
18500	5.4906	-3.6505	2.0857	53.7599	16.7278	2.09022
18600	5.4960	-3.6547	2.0948	53.9697	16.8472	2.09936
18800	5.5077	-3.6635	2.1149	54.4263	17.1222	2.11960
19000	5.5204	-3.6727	2.1377	54.9318	17.4449	2.14253
19200	5.5341	-3.6824	2.1633	55.4873	17.8158	2.16821
19400	5.5487	-3.6925	2.1915	56.0908	18.2326	2.19660
19500	5.5562	-3.6978	2.2066	56.4103	18.4575	2.21179
19600	5.5639	-3.7030	2.2223	56.7399	18.6922	2.22761
19800	5.5798	-3.7139	2.2555	57.4311	19.1908	2.26108
20000	5.5960	-3.7250	2.2909	58.1570	19.7213	2.29670
20500	5.6369	-3.7535	2.3865	60.0813	21.1413	2.39284
21000	5.6760	-3.7817	2.4863	62.0510	22.5847	2.49334
21500	5.7112	-3.8086	2.5832	63.9339	23.9201	2.59077
22000	5.7411	-3.8330	2.6708	65.6213	25.0446	2.67875
22500	5.7657	-3.8548	2.7454	67.0599	25.9105	2.75368
23000	5.7853	-3.8739	2.8062	68.2430	26.5170	2.81461
23500	5.8008	-3.8906	2.8543	69.1997	26.8989	2.86271
24000	5.8133	-3.9054	2.8919	69.9738	27.1045	2.90019
24500	5.8235	-3.9188	2.9215	70.6165	27.1870	2.92969
25000	5.8324	-3.9311	2.9457	71.1741	27.1951	2.95377
25500	5.8407	-3.9428	2.9668	71.6887	27.1714	2.97475
26000	5.8488	-3.9542	2.9870	72.1998	27.1550	2.99480
26500	5.8575	-3.9656	3.0082	72.7429	27.1808	3.01591
27000	5.8672	-3.9771	3.0324	73.3513	27.2803	3.03997
27500	5.8784	-3.9892	3.0611	74.0556	27.4829	3.06873
28000	5.8914	-4.0020	3.0962	74.8932	27.8120	3.10379
28500	5.9064	-4.0156	3.1385	75.8511	28.2834	3.14627
29000	5.9233	-4.0301	3.1889	76.9669	28.9023	3.19682
29500	5.9419	-4.0453	3.2470	78.2200	29.6548	3.25516
30000	5.9616	-4.0611	3.3118	79.5848	30.5145	3.32013
30500	5.9818	-4.0773	3.3812	81.0234	31.4406	3.38983
31000	6.0017	-4.0935	3.4527	82.4862	32.3844	3.46169
31500	6.0207	-4.1093	3.5238	83.9232	33.2959	3.53297
32000	6.0383	-4.1245	3.5918	85.2905	34.1326	3.60119
32500	6.0543	-4.1387	3.6548	86.5563	34.8640	3.66443
33000	6.0685	-4.1521	3.7119	87.7061	35.4761	3.72160
33500	6.0809	-4.1646	3.7624	88.7331	35.9660	3.77218
34000	6.0919	-4.1760	3.8065	89.6441	36.3417	3.81636
34500	6.1015	-4.1867	3.8451	90.4556	36.6205	3.85488
35000	6.1102	-4.1968	3.8789	91.1875	36.8237	3.88866

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.4407	1.0000	21.8504	2.4999	1.00000
400	3.0000	-1.5657	1.0000	22.5696	2.4999	1.00000
500	3.0969	-1.6626	1.0000	23.1275	2.5000	1.00000
600	3.1761	-1.7418	1.0000	23.5833	2.5000	1.00000
700	3.2430	-1.8087	1.0000	23.9687	2.5000	1.00000
800	3.3010	-1.8667	1.0000	24.3025	2.5000	1.00000
900	3.3522	-1.9179	1.0000	24.5970	2.5000	1.00000
1000	3.3979	-1.9640	1.0000	24.8594	2.5000	1.00000
1200	3.4771	-2.0432	1.0000	25.3152	2.5000	1.00000
1400	3.5441	-2.1101	1.0000	25.7005	2.5000	1.00000
1500	3.5740	-2.1401	1.0000	25.8730	2.5000	1.00000
1600	3.6021	-2.1681	1.0000	26.0343	2.5000	1.00000
1800	3.6532	-2.2193	1.0000	26.3289	2.5000	1.00000
2000	3.6990	-2.2650	1.0000	26.5922	2.5000	1.00000
2200	3.7404	-2.3064	1.0000	26.8304	2.5000	1.00000
2400	3.7782	-2.3442	1.0000	27.0481	2.5000	1.00000
2500	3.7959	-2.3619	1.0000	27.1500	2.5000	1.00000
2600	3.8129	-2.3790	1.0000	27.2482	2.5000	1.00000
2800	3.8451	-2.4112	1.0000	27.4335	2.5000	1.00000
3000	3.8751	-2.4411	1.0000	27.6059	2.5000	1.00000
3200	3.9031	-2.4691	1.0000	27.7672	2.5000	1.00000
3400	3.9294	-2.4955	1.0000	27.9189	2.5000	1.00000
3500	3.9420	-2.5081	1.0000	27.9914	2.5000	1.00000
3600	3.9542	-2.5203	1.0000	28.0618	2.5000	1.00000
3800	3.9777	-2.5438	1.0000	28.1970	2.5000	1.00000
4000	4.0000	-2.5661	1.0000	28.3252	2.5000	1.00000
4200	4.0212	-2.5872	1.0000	28.4470	2.5000	1.00000
4400	4.0414	-2.6075	1.0000	28.5635	2.5000	1.00000
4500	4.0512	-2.6172	1.0000	28.6196	2.5000	1.00000
4600	4.0607	-2.6268	1.0000	28.6747	2.5000	1.00000
4800	4.0792	-2.6452	1.0000	28.7810	2.5001	1.00000
5000	4.0969	-2.6630	1.0000	28.8833	2.5002	1.00000
5200	4.1140	-2.6800	1.0000	28.9814	2.5003	1.00001
5400	4.1305	-2.6964	1.0000	29.0761	2.5007	1.00002
5500	4.1385	-2.7044	1.0000	29.1224	2.5010	1.00002
5600	4.1464	-2.7122	1.0000	29.1677	2.5013	1.00003
5800	4.1618	-2.7275	1.0001	29.2566	2.5023	1.00006
6000	4.1768	-2.7422	1.0001	29.3430	2.5040	1.00012
6200	4.1915	-2.7565	1.0002	29.4279	2.5065	1.00021
6400	4.2059	-2.7703	1.0003	29.5113	2.5105	1.00034
6500	4.2131	-2.7771	1.0004	29.5529	2.5132	1.00043
6600	4.2203	-2.7838	1.0005	29.5947	2.5165	1.00054
6800	4.2348	-2.7969	1.0008	29.6785	2.5251	1.00084
7000	4.2495	-2.8097	1.0013	29.7641	2.5372	1.00129
7200	4.2646	-2.8221	1.0019	29.8525	2.5541	1.00194
7400	4.2804	-2.8344	1.0028	29.9458	2.5771	1.00283
7500	4.2886	-2.8406	1.0034	29.9949	2.5915	1.00339
7600	4.2971	-2.8466	1.0040	30.0458	2.6079	1.00405
7800	4.3151	-2.8586	1.0057	30.1545	2.6483	1.00570
8000	4.3346	-2.8705	1.0079	30.2746	2.7009	1.00790
8200	4.3560	-2.8824	1.0107	30.4093	2.7681	1.01078
8400	4.3796	-2.8945	1.0145	30.5620	2.8531	1.01451
8500	4.3923	-2.9006	1.0167	30.6462	2.9033	1.01675
8600	4.4057	-2.9068	1.0192	30.7365	2.9591	1.01927
8800	4.4344	-2.9193	1.0252	30.9367	3.0900	1.02529

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.4661	-2.9322	1.0327	31.1680	3.2501	1.03279
9200	4.5008	-2.9456	1.0419	31.4351	3.4437	1.04207
9400	4.5385	-2.9596	1.0532	31.7434	3.6757	1.05342
9500	4.5584	-2.9669	1.0597	31.9151	3.8077	1.05999
9600	4.5790	-2.9744	1.0668	32.0995	3.9514	1.06721
9800	4.6222	-2.9899	1.0833	32.5082	4.2756	1.08374
10000	4.6678	-3.0065	1.1028	32.9769	4.6541	1.10341
10200	4.7154	-3.0240	1.1258	33.5106	5.0915	1.12660
10400	4.7646	-3.0428	1.1527	34.1150	5.5923	1.15368
10500	4.7896	-3.0524	1.1676	34.4446	5.8673	1.16875
10600	4.8148	-3.0626	1.1837	34.7940	6.1594	1.18492
10800	4.8656	-3.0834	1.2190	35.5498	6.7943	1.22059
11000	4.9162	-3.1054	1.2589	36.3821	7.4957	1.26077
11200	4.9661	-3.1282	1.3031	37.2872	8.2589	1.30537
11400	5.0147	-3.1516	1.3513	38.2564	9.0748	1.35404
11500	5.0384	-3.1636	1.3768	38.7614	9.4987	1.37973
11600	5.0614	-3.1755	1.4030	39.2764	9.9298	1.40615
11800	5.1055	-3.1993	1.4571	40.3288	10.8051	1.46075
12000	5.1466	-3.2229	1.5126	41.3927	11.6797	1.51672
12200	5.1842	-3.2457	1.5680	42.4402	12.5273	1.57250
12400	5.2181	-3.2674	1.6218	43.4486	13.3253	1.62675
12500	5.2336	-3.2778	1.6477	43.9309	13.6990	1.65285
12600	5.2481	-3.2878	1.6728	44.3953	14.0530	1.67809
12800	5.2744	-3.3067	1.7198	45.2639	14.6952	1.72545
13000	5.2970	-3.3240	1.7622	46.0434	15.2429	1.76807
13200	5.3163	-3.3397	1.7996	46.7313	15.6948	1.80567
13400	5.3327	-3.3540	1.8320	47.3295	16.0541	1.83821
13500	5.3399	-3.3607	1.8465	47.5971	16.2014	1.85265
13600	5.3465	-3.3670	1.8597	47.8440	16.3285	1.86592
13800	5.3581	-3.3787	1.8830	48.2827	16.5273	1.88923
14000	5.3679	-3.3895	1.9024	48.6567	16.6621	1.90867
14200	5.3761	-3.3993	1.9185	48.9746	16.7432	1.92475
14400	5.3832	-3.4084	1.9319	49.2465	16.7806	1.93802
14500	5.3863	-3.4127	1.9376	49.3677	16.7855	1.94376
14600	5.3892	-3.4168	1.9429	49.4805	16.7831	1.94896
14800	5.3945	-3.4248	1.9520	49.6837	16.7582	1.95798
15000	5.3991	-3.4322	1.9596	49.8624	16.7124	1.96546
15200	5.4033	-3.4394	1.9659	50.0226	16.6512	1.97170
15400	5.4071	-3.4463	1.9713	50.1674	16.5791	1.97698
15500	5.4089	-3.4496	1.9737	50.2355	16.5401	1.97933
15600	5.4106	-3.4529	1.9760	50.3016	16.5001	1.98153
15800	5.4140	-3.4594	1.9801	50.4289	16.4171	1.98554
16000	5.4172	-3.4656	1.9838	50.5508	16.3335	1.98920
16200	5.4204	-3.4718	1.9874	50.6720	16.2521	1.99267
16400	5.4237	-3.4779	1.9909	50.7937	16.1753	1.99609
16500	5.4254	-3.4809	1.9927	50.8563	16.1394	1.99785
16600	5.4271	-3.4839	1.9946	50.9200	16.1057	1.99965
16800	5.4307	-3.4900	1.9985	51.0528	16.0461	2.00347
17000	5.4346	-3.4961	2.0028	51.1957	15.9993	2.00772
17200	5.4388	-3.5022	2.0077	51.3516	15.9682	2.01258
17400	5.4435	-3.5085	2.0134	51.5241	15.9562	2.01825
17500	5.4460	-3.5117	2.0166	51.6175	15.9582	2.02143
17600	5.4487	-3.5149	2.0201	51.7165	15.9663	2.02489
17800	5.4546	-3.5215	2.0280	51.9329	16.0022	2.03274
18000	5.4612	-3.5283	2.0372	52.1773	16.0675	2.04201

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.4687	-3.5354	2.0481	52.4538	16.1660	2.05294
18400	5.4770	-3.5429	2.0609	52.7662	16.3011	2.06573
18500	5.4816	-3.5468	2.0680	52.9374	16.3833	2.07290
18600	5.4864	-3.5507	2.0757	53.1183	16.4757	2.08061
18800	5.4967	-3.5589	2.0928	53.5127	16.6927	2.09777
19000	5.5080	-3.5675	2.1123	53.9517	16.9540	2.11736
19200	5.5204	-3.5766	2.1343	54.4379	17.2610	2.13953
19400	5.5336	-3.5860	2.1589	54.9700	17.6126	2.16428
19500	5.5406	-3.5910	2.1722	55.2543	17.8057	2.17766
19600	5.5477	-3.5959	2.1861	55.5491	18.0086	2.19168
19800	5.5626	-3.6062	2.2158	56.1714	18.4459	2.22158
20000	5.5780	-3.6168	2.2478	56.8336	18.9203	2.25386
20500	5.6178	-3.6443	2.3365	58.6276	20.2311	2.34316
21000	5.6572	-3.6723	2.4328	60.5289	21.6283	2.44010
21500	5.6939	-3.6995	2.5298	62.4116	22.9859	2.53777
22000	5.7261	-3.7249	2.6210	64.1597	24.1920	2.62946
22500	5.7531	-3.7478	2.7016	65.6969	25.1743	2.71038
23000	5.7752	-3.7681	2.7692	66.9919	25.9073	2.77822
23500	5.7928	-3.7859	2.8238	68.0544	26.4070	2.83299
24000	5.8069	-3.8017	2.8671	68.9174	26.7107	2.87622
24500	5.8184	-3.8157	2.9012	69.6258	26.8667	2.91022
25000	5.8281	-3.8286	2.9286	70.2269	26.9245	2.93750
25500	5.8367	-3.8406	2.9516	70.7617	26.9262	2.96039
26000	5.8449	-3.8521	2.9725	71.2707	26.9120	2.98108
26500	5.8533	-3.8634	2.9930	71.7876	26.9164	3.00154
27000	5.8623	-3.8747	3.0153	72.3467	26.9722	3.02365
27500	5.8724	-3.8863	3.0408	72.9778	27.1075	3.04918
28000	5.8841	-3.8985	3.0714	73.7097	27.3487	3.07975
28500	5.8976	-3.9114	3.1084	74.5641	27.7159	3.11674
29000	5.9130	-3.9251	3.1525	75.5541	28.2197	3.16106
29500	5.9301	-3.9396	3.2043	76.6813	28.8591	3.21303
30000	5.9487	-3.9547	3.2632	77.9319	29.6187	3.27215
30500	5.9682	-3.9704	3.3279	79.2793	30.4697	3.33718
31000	5.9879	-3.9864	3.3966	80.6850	31.3724	3.40613
31500	6.0072	-4.0022	3.4667	82.1020	32.2797	3.47652
32000	6.0256	-4.0177	3.5357	83.4848	33.1476	3.54583
32500	6.0426	-4.0323	3.6014	84.7941	33.9373	3.61177
33000	6.0579	-4.0463	3.6623	86.0071	34.6264	3.67282
33500	6.0716	-4.0593	3.7172	87.1063	35.2003	3.72789
34000	6.0837	-4.0714	3.7660	88.0910	35.6608	3.77673
34500	6.0943	-4.0826	3.8089	88.9697	36.0162	3.81960
35000	6.1038	-4.0932	3.8465	89.7576	36.2835	3.85718

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.3407	1.0000	21.6201	2.4998	1.00000
400	3.0000	-1.4657	1.0000	22.3394	2.4999	1.00000
500	3.0969	-1.5626	1.0000	22.8972	2.5000	1.00000
600	3.1761	-1.6418	1.0000	23.3531	2.5000	1.00000
700	3.2430	-1.7087	1.0000	23.7384	2.5000	1.00000
800	3.3010	-1.7667	1.0000	24.0723	2.5000	1.00000
900	3.3522	-1.8179	1.0000	24.3668	2.5000	1.00000
1000	3.3979	-1.8640	1.0000	24.6291	2.5000	1.00000
1200	3.4771	-1.9432	1.0000	25.0849	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5441	-2.0101	1.0000	25.4702	2.5000	1.00000
1500	3.5740	-2.0401	1.0000	25.6428	2.5000	1.00000
1600	3.6021	-2.0681	1.0000	25.8041	2.5000	1.00000
1800	3.6532	-2.1193	1.0000	26.0987	2.5000	1.00000
2000	3.6990	-2.1650	1.0000	26.3620	2.5000	1.00000
2200	3.7404	-2.2064	1.0000	26.6002	2.5000	1.00000
2400	3.7782	-2.2442	1.0000	26.8178	2.5000	1.00000
2500	3.7959	-2.2619	1.0000	26.9198	2.5000	1.00000
2600	3.8129	-2.2790	1.0000	27.0180	2.5000	1.00000
2800	3.8451	-2.3112	1.0000	27.2033	2.5000	1.00000
3000	3.8751	-2.3411	1.0000	27.3757	2.5000	1.00000
3200	3.9031	-2.3691	1.0000	27.5369	2.5000	1.00000
3400	3.9294	-2.3955	1.0000	27.6886	2.5000	1.00000
3500	3.9420	-2.4081	1.0000	27.7611	2.5000	1.00000
3600	3.9542	-2.4203	1.0000	27.8315	2.5000	1.00000
3800	3.9777	-2.4438	1.0000	27.9667	2.5000	1.00000
4000	4.0000	-2.4661	1.0000	28.0950	2.5000	1.00000
4200	4.0212	-2.4872	1.0000	28.2167	2.5000	1.00000
4400	4.0414	-2.5075	1.0000	28.3333	2.5000	1.00000
4500	4.0512	-2.5172	1.0000	28.3893	2.5000	1.00000
4600	4.0607	-2.5268	1.0000	28.4444	2.5000	1.00000
4800	4.0792	-2.5452	1.0000	28.5507	2.5001	1.00000
5000	4.0969	-2.5630	1.0000	28.6530	2.5002	1.00000
5200	4.1140	-2.5800	1.0000	28.7511	2.5003	1.00001
5400	4.1304	-2.5964	1.0000	28.8458	2.5006	1.00002
5500	4.1385	-2.6044	1.0000	28.8920	2.5009	1.00002
5600	4.1463	-2.6122	1.0000	28.9373	2.5012	1.00003
5800	4.1617	-2.6275	1.0001	29.0260	2.5020	1.00006
6000	4.1767	-2.6422	1.0001	29.1123	2.5036	1.00010
6200	4.1913	-2.6565	1.0002	29.1969	2.5059	1.00018
6400	4.2057	-2.6703	1.0003	29.2799	2.5094	1.00030
6500	4.2129	-2.6771	1.0004	29.3212	2.5118	1.00038
6600	4.2200	-2.6837	1.0005	29.3625	2.5147	1.00048
6800	4.2343	-2.6969	1.0008	29.4453	2.5224	1.00076
7000	4.2488	-2.7096	1.0012	29.5294	2.5332	1.00115
7200	4.2636	-2.7221	1.0017	29.6160	2.5482	1.00173
7400	4.2789	-2.7343	1.0025	29.7066	2.5687	1.00252
7500	4.2869	-2.7404	1.0030	29.7540	2.5815	1.00302
7600	4.2951	-2.7464	1.0036	29.8029	2.5962	1.00361
7800	4.3124	-2.7583	1.0051	29.9069	2.6322	1.00508
8000	4.3311	-2.7701	1.0070	30.0208	2.6791	1.00704
8200	4.3514	-2.7819	1.0096	30.1476	2.7390	1.00961
8400	4.3737	-2.7939	1.0129	30.2903	2.8148	1.01294
8500	4.3857	-2.7998	1.0149	30.3685	2.8595	1.01493
8600	4.3983	-2.8059	1.0171	30.4522	2.9093	1.01718
8800	4.4254	-2.8181	1.0224	30.6370	3.0260	1.02255
9000	4.4551	-2.8307	1.0291	30.8495	3.1688	1.02925
9200	4.4877	-2.8438	1.0373	31.0837	3.3416	1.03752
9400	4.5232	-2.8572	1.0474	31.3746	3.5486	1.04765
9500	4.5420	-2.8642	1.0532	31.5306	3.6665	1.05351
9600	4.5614	-2.8714	1.0596	31.6978	3.7947	1.05995
9800	4.6024	-2.8863	1.0743	32.0688	4.0846	1.07473
10000	4.6457	-2.9021	1.0917	32.4931	4.4230	1.09232
10200	4.6912	-2.9198	1.1123	32.9763	4.8149	1.11309
10400	4.7384	-2.9366	1.1364	33.5236	5.2644	1.13739

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.7625	-2.9458	1.1499	33.8224	5.5118	1.15094
10600	4.7869	-2.9554	1.1643	34.1394	5.7751	1.16551
10800	4.8362	-2.9753	1.1962	34.8270	6.3494	1.19775
11000	4.8857	-2.9962	1.2324	35.5871	6.9873	1.23424
11200	4.9349	-3.0180	1.2728	36.4184	7.6865	1.27503
11400	4.9833	-3.0406	1.3173	37.3161	8.4416	1.31996
11500	5.0070	-3.0521	1.3410	37.7869	8.8368	1.34385
11600	5.0302	-3.0637	1.3655	38.2704	9.2422	1.36861
11800	5.0751	-3.0871	1.4167	39.2680	10.0748	1.42029
12000	5.1175	-3.1105	1.4700	40.2916	10.9215	1.47411
12200	5.1568	-3.1334	1.5242	41.3177	11.7605	1.52879
12400	5.1927	-3.1555	1.5780	42.3242	12.5693	1.58304
12500	5.2094	-3.1662	1.6043	42.8135	12.9560	1.60961
12600	5.2251	-3.1766	1.6301	43.2891	13.3271	1.63556
12800	5.2538	-3.1963	1.6793	44.1927	14.0155	1.68509
13000	5.2789	-3.2146	1.7245	45.0202	14.6211	1.73069
13200	5.3006	-3.2314	1.7653	45.7635	15.1373	1.77174
13400	5.3192	-3.2467	1.8014	46.4202	15.5633	1.80797
13500	5.3274	-3.2539	1.8176	46.7174	15.7439	1.82429
13600	5.3350	-3.2606	1.8327	46.9931	15.9029	1.83939
13800	5.3484	-3.2733	1.8595	47.4872	16.1629	1.86624
14000	5.3597	-3.2848	1.8821	47.9109	16.3526	1.88893
14200	5.3693	-3.2953	1.9011	48.2736	16.4822	1.90795
14400	5.3774	-3.3050	1.9170	48.5834	16.5610	1.92375
14500	5.3811	-3.3096	1.9239	48.7216	16.5845	1.93063
14600	5.3844	-3.3140	1.9302	48.8499	16.5987	1.93689
14800	5.3905	-3.3223	1.9411	49.0802	16.6031	1.94776
15000	5.3957	-3.3301	1.9503	49.2810	16.5813	1.95679
15200	5.4004	-3.3377	1.9579	49.4590	16.5396	1.96432
15400	5.4046	-3.3447	1.9643	49.6180	16.4828	1.97063
15500	5.4065	-3.3481	1.9672	49.6917	16.4501	1.97342
15600	5.4084	-3.3515	1.9698	49.7627	16.4153	1.97601
15800	5.4119	-3.3582	1.9746	49.8975	16.3411	1.98066
16000	5.4153	-3.3645	1.9788	50.0242	16.2631	1.98478
16200	5.4186	-3.3708	1.9827	50.1473	16.1844	1.98855
16400	5.4219	-3.3769	1.9864	50.2683	16.1076	1.99213
16500	5.4235	-3.3799	1.9882	50.3291	16.0706	1.99389
16600	5.4252	-3.3829	1.9900	50.3907	16.0351	1.99567
16800	5.4286	-3.3890	1.9938	50.5172	15.9699	1.99931
17000	5.4322	-3.3949	1.9977	50.6497	15.9139	2.00321
17200	5.4361	-3.4010	2.0021	50.7921	15.8705	2.00754
17400	5.4404	-3.4071	2.0071	50.9467	15.8416	2.01244
17500	5.4426	-3.4102	2.0099	51.0300	15.8340	2.01517
17600	5.4450	-3.4133	2.0128	51.1170	15.8311	2.01810
17800	5.4502	-3.4196	2.0195	51.3065	15.8417	2.02472
18000	5.4560	-3.4262	2.0272	51.5191	15.8769	2.03248
18200	5.4626	-3.4329	2.0364	51.7576	15.9398	2.04160
18400	5.4699	-3.4399	2.0470	52.0264	16.0340	2.05229
18500	5.4738	-3.4436	2.0530	52.1738	16.0940	2.05830
18600	5.4780	-3.4473	2.0595	52.3294	16.1628	2.06477
18800	5.4871	-3.4550	2.0739	52.6694	16.3293	2.07923
19000	5.4972	-3.4629	2.0904	53.0488	16.5351	2.09584
19200	5.5082	-3.4714	2.1092	53.4715	16.7832	2.11479
19400	5.5201	-3.4802	2.1304	53.9371	17.0737	2.13615
19500	5.5265	-3.4849	2.1420	54.1875	17.2355	2.14779

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.5330	-3.4896	2.1541	54.4482	17.4077	2.16004
19800	5.5467	-3.4992	2.1803	55.0019	17.7826	2.18639
20000	5.5610	-3.5092	2.2089	55.5970	18.1970	2.21516
20500	5.5991	-3.5356	2.2897	57.2432	19.3794	2.29665
21000	5.6382	-3.5629	2.3807	59.0452	20.6988	2.38931
21500	5.6757	-3.5902	2.4759	60.8918	22.0430	2.48418
22000	5.7097	-3.6161	2.5688	62.6683	23.2982	2.57773
22500	5.7391	-3.6400	2.6539	64.2809	24.3750	2.66331
23000	5.7636	-3.6615	2.7277	65.6774	25.2262	2.73743
23500	5.7835	-3.6805	2.7890	66.8461	25.8454	2.79890
24000	5.7994	-3.6973	2.8383	67.8055	26.2562	2.84834
24500	5.8124	-3.7122	2.8776	68.5924	26.4993	2.88757
25000	5.8231	-3.7257	2.9090	69.2498	26.6197	2.91884
25500	5.8324	-3.7381	2.9347	69.8189	26.6610	2.94445
26000	5.8409	-3.7499	2.9570	70.3399	26.6634	2.96658
26500	5.8491	-3.7611	2.9778	70.8460	26.6621	2.98723
27000	5.8577	-3.7724	2.9990	71.3721	26.6895	3.00829
27500	5.8671	-3.7837	3.0223	71.9472	26.7744	3.03148
28000	5.8776	-3.7954	3.0493	72.6000	26.9434	3.05846
28500	5.8897	-3.8077	3.0816	73.3558	27.2195	3.09073
29000	5.9036	-3.8205	3.1202	74.2304	27.6183	3.12938
29500	5.9193	-3.8343	3.1658	75.2362	28.1473	3.17522
30000	5.9365	-3.8488	3.2187	76.3682	28.8008	3.22827
30500	5.9550	-3.8639	3.2780	77.6107	29.5617	3.28788
31000	5.9742	-3.8794	3.3425	78.9364	30.3992	3.35268
31500	5.9935	-3.8951	3.4101	80.3053	31.2745	3.42064
32000	6.0123	-3.9106	3.4786	81.6750	32.1445	3.48943
32500	6.0300	-3.9256	3.5456	83.0037	32.9690	3.55670
33000	6.0464	-3.9399	3.6092	84.2612	33.7175	3.62057
33500	6.0612	-3.9535	3.6680	85.4225	34.3667	3.67952
34000	6.0744	-3.9662	3.7212	86.4781	34.9096	3.73281
34500	6.0862	-3.9780	3.7685	87.4269	35.3456	3.78017
35000	6.0966	-3.9890	3.8102	88.2778	35.6850	3.82195

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.2407	1.0000	21.3898	2.4998	1.00000
400	3.0000	-1.3657	1.0000	22.1091	2.4999	1.00000
500	3.0969	-1.4626	1.0000	22.6670	2.5000	1.00000
600	3.1761	-1.5418	1.0000	23.1228	2.5000	1.00000
700	3.2430	-1.6087	1.0000	23.5082	2.5000	1.00000
800	3.3010	-1.6667	1.0000	23.8420	2.5000	1.00000
900	3.3522	-1.7179	1.0000	24.1365	2.5000	1.00000
1000	3.3979	-1.7640	1.0000	24.3989	2.5000	1.00000
1200	3.4771	-1.8432	1.0000	24.8547	2.5000	1.00000
1400	3.5441	-1.9101	1.0000	25.2400	2.5000	1.00000
1500	3.5740	-1.9401	1.0000	25.4126	2.5000	1.00000
1600	3.6021	-1.9681	1.0000	25.5738	2.5000	1.00000
1800	3.6532	-2.0193	1.0000	25.8684	2.5000	1.00000
2000	3.6990	-2.0650	1.0000	26.1317	2.5000	1.00000
2200	3.7404	-2.1064	1.0000	26.3700	2.5000	1.00000
2400	3.7781	-2.1442	1.0000	26.5875	2.5000	1.00000
2500	3.7959	-2.1619	1.0000	26.6895	2.5000	1.00000
2600	3.8129	-2.1790	1.0000	26.7877	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8451	-2.2112	1.0000	26.9731	2.5000	1.00000
3000	3.8751	-2.2411	1.0000	27.1454	2.5000	1.00000
3200	3.9031	-2.2691	1.0000	27.3067	2.5000	1.00000
3400	3.9294	-2.2955	1.0000	27.4584	2.5000	1.00000
3500	3.9420	-2.3081	1.0000	27.5309	2.5000	1.00000
3600	3.9542	-2.3203	1.0000	27.6012	2.5000	1.00000
3800	3.9777	-2.3438	1.0000	27.7364	2.5000	1.00000
4000	4.0000	-2.3661	1.0000	27.8647	2.5000	1.00000
4200	4.0212	-2.3872	1.0000	27.9865	2.5000	1.00000
4400	4.0414	-2.4075	1.0000	28.1030	2.5000	1.00000
4500	4.0512	-2.4172	1.0000	28.1591	2.5000	1.00000
4600	4.0607	-2.4268	1.0000	28.2142	2.5000	1.00000
4800	4.0792	-2.4452	1.0000	28.3204	2.5001	1.00000
5000	4.0969	-2.4630	1.0000	28.4227	2.5001	1.00000
5200	4.1140	-2.4800	1.0000	28.5208	2.5003	1.00001
5400	4.1304	-2.4964	1.0000	28.6155	2.5005	1.00001
5500	4.1384	-2.5044	1.0000	28.6617	2.5008	1.00002
5600	4.1463	-2.5122	1.0000	28.7069	2.5011	1.00003
5800	4.1617	-2.5275	1.0001	28.7955	2.5018	1.00005
6000	4.1766	-2.5422	1.0001	28.8817	2.5032	1.00009
6200	4.1912	-2.5565	1.0002	28.9659	2.5052	1.00016
6400	4.2056	-2.5703	1.0003	29.0486	2.5084	1.00027
6500	4.2127	-2.5771	1.0003	29.0896	2.5105	1.00034
6600	4.2198	-2.5837	1.0004	29.1305	2.5131	1.00043
6800	4.2339	-2.5968	1.0007	29.2124	2.5199	1.00068
7000	4.2481	-2.6095	1.0010	29.2952	2.5296	1.00103
7200	4.2627	-2.6220	1.0015	29.3802	2.5430	1.00154
7400	4.2777	-2.6342	1.0022	29.4684	2.5612	1.00224
7500	4.2854	-2.6403	1.0027	29.5143	2.5727	1.00269
7600	4.2934	-2.6462	1.0032	29.5613	2.5857	1.00321
7800	4.3100	-2.6580	1.0045	29.6611	2.6179	1.00453
8000	4.3279	-2.6698	1.0063	29.7696	2.6596	1.00628
8200	4.3473	-2.6815	1.0085	29.8894	2.7131	1.00857
8400	4.3684	-2.6932	1.0115	30.0230	2.7806	1.01153
8500	4.3798	-2.6991	1.0133	30.0960	2.8205	1.01331
8600	4.3916	-2.7050	1.0153	30.1738	2.8649	1.01532
8800	4.4171	-2.7171	1.0200	30.3448	2.9691	1.02010
9000	4.4451	-2.7294	1.0260	30.5404	3.0964	1.02609
9200	4.4757	-2.7420	1.0333	30.7642	3.2505	1.03346
9400	4.5091	-2.7551	1.0423	31.0207	3.4352	1.04250
9500	4.5268	-2.7619	1.0475	31.1628	3.5405	1.04773
9600	4.5451	-2.7687	1.0532	31.3148	3.6548	1.05348
9800	4.5838	-2.7831	1.0663	31.6518	3.9138	1.06668
10000	4.6249	-2.7981	1.0818	32.0363	4.2163	1.08241
10200	4.6683	-2.8141	1.1003	32.4740	4.5672	1.10100
10400	4.7134	-2.8310	1.1218	32.9694	4.9702	1.12277
10500	4.7366	-2.8397	1.1339	33.2403	5.1924	1.13495
10600	4.7600	-2.8488	1.1469	33.5275	5.4293	1.14804
10800	4.8077	-2.8678	1.1757	34.1518	5.9473	1.17710
11000	4.8560	-2.8876	1.2084	34.8439	6.5251	1.21013
11200	4.9043	-2.9085	1.2451	35.6048	7.1627	1.24728
11400	4.9521	-2.9301	1.2859	36.4314	7.8565	1.28847
11500	4.9757	-2.9412	1.3077	36.8673	8.2223	1.31053
11600	4.9989	-2.9524	1.3305·	37.3176	8.5998	1.33350
11800	5.0442	-2.9752	1.3784	38.2539	9.3827	1.38191

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12000	5.0874	-2.9982	1.4290	39.2272	10.1916	1.43302
12200	5.1281	-3.0210	1.4813	40.2192	11.0082	1.48586
12400	5.1657	-3.0433	1.5341	41.2086	11.8120	1.53925
12500	5.1834	-3.0541	1.5604	41.6962	12.2031	1.56579
12600	5.2002	-3.0648	1.5864	42.1757	12.5838	1.59200
12800	5.2312	-3.0852	1.6368	43.0989	13.3032	1.64282
13000	5.2587	-3.1043	1.6842	43.9619	13.9550	1.69065
13200	5.2828	-3.1221	1.7279	44.7524	14.5282	1.73465
13400	5.3037	-3.1384	1.7673	45.4631	15.0168	1.77429
13500	5.3130	-3.1461	1.7853	45.7884	15.2295	1.79241
13600	5.3217	-3.1533	1.8021	46.0927	15.4210	1.80934
13800	5.3370	-3.1669	1.8325	46.6432	15.7437	1.83981
14000	5.3500	-3.1793	1.8585	47.1195	15.9918	1.86594
14200	5.3611	-3.1906	1.8807	47.5307	16.1744	1.88814
14400	5.3705	-3.2009	1.8994	47.8829	16.2997	1.90678
14500	5.3747	-3.2058	1.9075	48.0405	16.3442	1.91495
14600	5.3786	-3.2105	1.9150	48.1862	16.3777	1.92241
14800	5.3855	-3.2194	1.9281	48.4483	16.4164	1.93544
15000	5.3916	-3.2277	1.9391	48.6754	16.4234	1.94629
15200	5.3968	-3.2355	1.9482	48.8748	16.4053	1.95537
15400	5.4015	-3.2429	1.9560	49.0513	16.3680	1.96297
15500	5.4037	-3.2464	1.9594	49.1329	16.3434	1.96630
15600	5.4057	-3.2499	1.9625	49.2103	16.3158	1.96939
15800	5.4096	-3.2567	1.9681	49.3556	16.2533	1.97488
16000	5.4132	-3.2632	1.9730	49.4900	16.1840	1.97965
16200	5.4166	-3.2696	1.9774	49.6178	16.1110	1.98390
16400	5.4200	-3.2758	1.9814	49.7410	16.0371	1.98779
16500	5.4216	-3.2788	1.9833	49.8016	16.0005	1.98965
16600	5.4233	-3.2819	1.9852	49.8627	15.9648	1.99148
16800	5.4266	-3.2880	1.9889	49.9856	15.8967	1.99511
17000	5.4301	-3.2939	1.9928	50.1115	15.8351	1.99885
17200	5.4337	-3.2998	1.9968	50.2438	15.7827	2.00282
17400	5.4376	-3.3058	2.0013	50.3852	15.7418	2.00720
17500	5.4397	-3.3089	2.0037	50.4603	15.7265	2.00959
17600	5.4418	-3.3119	2.0063	50.5384	15.7153	2.01213
17800	5.4465	-3.3180	2.0120	50.7065	15.7058	2.01779
18000	5.4516	-3.3243	2.0186	50.8928	15.7165	2.02435
18200	5.4574	-3.3308	2.0263	51.1004	15.7504	2.03201
18400	5.4638	-3.3374	2.0352	51.3329	15.8105	2.04096
18500	5.4672	-3.3409	2.0402	51.4599	15.8514	2.04598
18600	5.4709	-3.3444	2.0456	51.5941	15.9002	2.05140
18800	5.4789	-3.3516	2.0577	51.8869	16.0222	2.06353
19000	5.4877	-3.3590	2.0716	52.2141	16.1793	2.07753
19200	5.4975	-3.3670	2.0876	52.5795	16.3743	2.09359
19400	5.5081	-3.3752	2.1057	52.9840	16.6080	2.11182
19500	5.5139	-3.3795	2.1156	53.2025	16.7404	2.12182
19600	5.5197	-3.3839	2.1261	53.4306	16.8826	2.13239
19800	5.5321	-3.3929	2.1489	53.9183	17.1973	2.15531
20000	5.5453	-3.4022	2.1740	54.4464	17.5511	2.18059
20500	5.5812	-3.4273	2.2466	55.9371	18.5957	2.25384
21000	5.6192	-3.4538	2.3310	57.6169	19.8127	2.33894
21500	5.6569	-3.4807	2.4225	59.3953	21.1096	2.43118
22000	5.6923	-3.5070	2.5152	61.1645	22.3790	2.52455
22500	5.7237	-3.5317	2.6032	62.8252	23.5241	2.61318
23000	5.7505	-3.5542	2.6822	64.3071	24.4785	2.69264

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23500	5.7727	-3.5743	2.7498	65.5772	25.2139	2.76051
24000	5.7908	-3.5922	2.8055	66.6368	25.7369	2.81640
24500	5.8054	-3.6080	2.8505	67.5105	26.0765	2.86136
25000	5.8174	-3.6223	2.8865	68.2357	26.2725	2.89730
25500	5.8276	-3.6353	2.9157	68.8517	26.3673	2.92637
26000	5.8366	-3.6474	2.9402	69.3974	26.4005	2.95073
26500	5.8450	-3.6588	2.9620	69.9075	26.4077	2.97240
27000	5.8533	-3.6700	2.9830	70.4160	26.4224	2.99325
27500	5.8621	-3.6812	3.0049	70.9514	26.4729	3.01501
28000	5.8718	-3.6925	3.0293	71.5431	26.5866	3.03933
28500	5.8828	-3.7043	3.0577	72.2157	26.7871	3.06774
29000	5.8953	-3.7165	3.0915	72.9901	27.0934	3.10150
29500	5.9094	-3.7296	3.1315	73.8821	27.5185	3.14165
30000	5.9253	-3.7433	3.1783	74.8961	28.0653	3.18866
30500	5.9426	-3.7577	3.2318	76.0257	28.7260	3.24242
31000	5.9609	-3.7727	3.2913	77.2547	29.4814	3.30217
31500	5.9798	-3.7880	3.3552	78.5519	30.3006	3.36639
32000	5.9986	-3.8034	3.4216	79.8828	31.1470	3.43321
32500	6.0168	-3.8185	3.4885	81.2055	31.9809	3.50035
33000	6.0339	-3.8332	3.5535	82.4847	32.7659	3.56573
33500	6.0498	-3.8471	3.6152	83.6912	33.4744	3.62758
34000	6.0641	-3.8604	3.6721	84.8077	34.0901	3.68470
34500	6.0770	-3.8728	3.7236	85.8231	34.6045	3.73634
35000	6.0884	-3.8844	3.7696	86.7392	35.0198	3.78240

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.1407	1.0000	21.1595	2.4997	1.00000
400	3.0000	-1.2657	1.0000	21.8788	2.4999	1.00000
500	3.0969	-1.3626	1.0000	22.4367	2.4999	1.00000
600	3.1761	-1.4418	1.0000	22.8925	2.5000	1.00000
700	3.2430	-1.5087	1.0000	23.2779	2.5000	1.00000
800	3.3010	-1.5667	1.0000	23.6118	2.5000	1.00000
900	3.3522	-1.6179	1.0000	23.9062	2.5000	1.00000
1000	3.3979	-1.6640	1.0000	24.1686	2.5000	1.00000
1200	3.4771	-1.7432	1.0000	24.6244	2.5000	1.00000
1400	3.5441	-1.8101	1.0000	25.0097	2.5000	1.00000
1500	3.5740	-1.8401	1.0000	25.1823	2.5000	1.00000
1600	3.6021	-1.8681	1.0000	25.3436	2.5000	1.00000
1800	3.6532	-1.9193	1.0000	25.6381	2.5000	1.00000
2000	3.6990	-1.9650	1.0000	25.9014	2.5000	1.00000
2200	3.7404	-2.0064	1.0000	26.1397	2.5000	1.00000
2400	3.7782	-2.0442	1.0000	26.3572	2.5000	1.00000
2500	3.7959	-2.0619	1.0000	26.4592	2.5000	1.00000
2600	3.8129	-2.0790	1.0000	26.5575	2.5000	1.00000
2800	3.8451	-2.1112	1.0000	26.7428	2.5000	1.00000
3000	3.8751	-2.1411	1.0000	26.9151	2.5000	1.00000
3200	3.9031	-2.1691	1.0000	27.0764	2.5000	1.00000
3400	3.9294	-2.1955	1.0000	27.2281	2.5000	1.00000
3500	3.9420	-2.2081	1.0000	27.3006	2.5000	1.00000
3600	3.9542	-2.2203	1.0000	27.3709	2.5000	1.00000
3800	3.9777	-2.2438	1.0000	27.5061	2.5000	1.00000
4000	4.0000	-2.2661	1.0000	27.6345	2.5000	1.00000
4200	4.0212	-2.2872	1.0000	27.7563	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0414	-2.3075	1.0000	27.8728	2.5000	1.00000
4500	4.0512	-2.3172	1.0000	27.9288	2.5000	1.00000
4600	4.0607	-2.3268	1.0000	27.9839	2.5000	1.00000
4800	4.0792	-2.3452	1.0000	28.0901	2.5001	1.00000
5000	4.0969	-2.3630	1.0000	28.1924	2.5001	1.00000
5200	4.1140	-2.3800	1.0000	28.2905	2.5003	1.00001
5400	4.1304	-2.3964	1.0000	28.3852	2.5005	1.00001
5500	4.1384	-2.4044	1.0000	28.4313	2.5007	1.00002
5600	4.1463	-2.4122	1.0000	28.4765	2.5009	1.00003
5800	4.1617	-2.4274	1.0000	28.5649	2.5016	1.00005
6000	4.1766	-2.4422	1.0001	28.6511	2.5028	1.00008
6200	4.1911	-2.4564	1.0001	28.7349	2.5047	1.00015
6400	4.2054	-2.4703	1.0002	28.8174	2.5075	1.00024
6500	4.2125	-2.4770	1.0003	28.8581	2.5094	1.00030
6600	4.2195	-2.4837	1.0004	28.8987	2.5117	1.00038
6800	4.2335	-2.4967	1.0006	28.9798	2.5177	1.00060
7000	4.2476	-2.5094	1.0009	29.0615	2.5264	1.00092
7200	4.2619	-2.5219	1.0014	29.1449	2.5383	1.00137
7400	4.2766	-2.5341	1.0020	29.2310	2.5546	1.00200
7500	4.2841	-2.5401	1.0024	29.2755	2.5648	1.00240
7600	4.2918	-2.5460	1.0029	29.3211	2.5764	1.00287
7800	4.3079	-2.5578	1.0040	29.4170	2.6051	1.00404
8000	4.3251	-2.5695	1.0056	29.5207	2.6423	1.00560
8200	4.3436	-2.5811	1.0076	29.6342	2.6900	1.00764
8400	4.3636	-2.5927	1.0102	29.7597	2.7502	1.01028
8500	4.3744	-2.5985	1.0118	29.8282	2.7858	1.01187
8600	4.3856	-2.6043	1.0136	29.9006	2.8254	1.01366
8800	4.4096	-2.6161	1.0178	30.0594	2.9183	1.01792
9000	4.4359	-2.6282	1.0231	30.2399	3.0318	1.02325
9200	4.4647	-2.6405	1.0297	30.4453	3.1692	1.02984
9400	4.4961	-2.6532	1.0377	30.6801	3.3341	1.03791
9500	4.5128	-2.6597	1.0423	30.8098	3.4281	1.04257
9600	4.5301	-2.6664	1.0474	30.9483	3.5301	1.04770
9800	4.5666	-2.6802	1.0591	31.2547	3.7614	1.05949
10000	4.6055	-2.6946	1.0730	31.6037	4.0318	1.07355
10200	4.6466	-2.7098	1.0895	32.0001	4.3455	1.09017
10400	4.6897	-2.7259	1.1088	32.4490	4.7065	1.10967
10500	4.7119	-2.7342	1.1196	32.6942	4.9059	1.12059
10600	4.7345	-2.7428	1.1312	32.9544	5.1185	1.13234
10800	4.7804	-2.7608	1.1571	33.5207	5.5848	1.15848
11000	4.8272	-2.7797	1.1866	34.1496	6.1066	1.18829
11200	4.8744	-2.7996	1.2199	34.8437	6.6855	1.22198
11400	4.9214	-2.8203	1.2571	35.6015	7.3195	1.25957
11500	4.9447	-2.8309	1.2771	36.0033	7.6560	1.27981
11600	4.9678	-2.8417	1.2980	36.4198	8.0047	1.30098
11800	5.0131	-2.8637	1.3425	37.2923	8.7341	1.34596
12000	5.0568	-2.8862	1.3900	38.2093	9.4977	1.39401
12200	5.0984	-2.9087	1.4398	39.1557	10.2806	1.44439
12400	5.1374	-2.9309	1.4910	40.1149	11.0664	1.49614
12500	5.1559	-2.9418	1.5168	40.5935	11.4547	1.52221
12600	5.1736	-2.9526	1.5426	41.0688	11.8370	1.54823
12800	5.2066	-2.9735	1.5932	41.9965	12.5728	1.59943
13000	5.2364	-2.9933	1.6420	42.8811	13.2573	1.64867
13200	5.2629	-3.0119	1.6879	43.7075	13.8765	1.69494
13400	5.2861	-3.0292	1.7301	44.4639	14.4201	1.73748

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	5.2965	-3.0373	1.7497	44.8139	14.6621	1.75720
13600	5.3063	-3.0451	1.7682	45.1451	14.8843	1.77584
13800	5.3237	-3.0596	1.8020	45.7496	15.2686	1.80981
14000	5.3386	-3.0729	1.8315	46.2800	15.5773	1.83946
14200	5.3514	-3.0851	1.8569	46.7413	15.8159	1.86499
14400	5.3623	-3.0962	1.8787	47.1407	15.9927	1.88675
14500	5.3671	-3.1014	1.8883	47.3192	16.0605	1.89635
14600	5.3716	-3.1064	1.8971	47.4850	16.1157	1.90516
14800	5.3796	-3.1159	1.9126	47.7832	16.1939	1.92066
15000	5.3865	-3.1247	1.9257	48.0413	16.2344	1.93366
15200	5.3925	-3.1329	1.9367	48.2664	16.2444	1.94455
15400	5.3978	-3.1406	1.9459	48.4647	16.2303	1.95369
15500	5.4003	-3.1443	1.9500	48.5552	16.2157	1.95771
15600	5.4026	-3.1480	1.9538	48.6409	16.1972	1.96141
15800	5.4068	-3.1550	1.9604	48.8000	16.1500	1.96795
16000	5.4107	-3.1617	1.9662	48.9450	16.0925	1.97357
16200	5.4144	-3.1682	1.9712	49.0803	16.0282	1.97847
16400	5.4179	-3.1746	1.9757	49.2085	15.9600	1.98286
16500	5.4196	-3.1776	1.9778	49.2706	15.9253	1.98490
16600	5.4213	-3.1808	1.9799	49.3325	15.8908	1.98688
16800	5.4246	-3.1868	1.9838	49.4547	15.8230	1.99068
17000	5.4280	-3.1928	1.9876	49.5775	15.7590	1.99443
17200	5.4315	-3.1987	1.9916	49.7033	15.7012	1.99825
17400	5.4351	-3.2047	1.9957	49.8355	15.6522	2.00231
17500	5.4370	-3.2076	1.9979	49.9042	15.6313	2.00446
17600	5.4390	-3.2106	2.0002	49.9759	15.6135	2.00673
17800	5.4432	-3.2166	2.0053	50.1274	15.5889	2.01169
18000	5.4478	-3.2226	2.0110	50.2926	15.5802	2.01732
18200	5.4529	-3.2289	2.0175	50.4754	15.5906	2.02382
18400	5.4586	-3.2353	2.0250	50.6782	15.6228	2.03135
18500	5.4616	-3.2385	2.0293	50.7879	15.6480	2.03556
18600	5.4649	-3.2418	2.0338	50.9042	15.6798	2.04011
18800	5.4718	-3.2486	2.0439	51.1570	15.7646	2.05027
19000	5.4796	-3.2557	2.0557	51.4393	15.8797	2.06203
19200	5.4882	-3.2631	2.0691	51.7545	16.0279	2.07556
19400	5.4976	-3.2708	2.0845	52.1045	16.2111	2.09102
19500	5.5027	-3.2748	2.0929	52.2940	16.3168	2.09954
19600	5.5079	-3.2789	2.1019	52.4924	16.4315	2.10858
19800	5.5191	-3.2873	2.1215	52.9190	16.6899	2.12832
20000	5.5311	-3.2961	2.1433	53.3841	16.9861	2.15030
20500	5.5643	-3.3197	2.2076	54.7164	17.8877	2.21514
21000	5.6006	-3.3450	2.2845	56.2570	18.9843	2.29275
21500	5.6379	-3.3714	2.3707	57.9392	20.2053	2.37977
22000	5.6740	-3.3976	2.4612	59.6678	21.4558	2.47104
22500	5.7070	-3.4228	2.5504	61.3459	22.6381	2.56093
23000	5.7360	-3.4462	2.6332	62.8897	23.6733	2.64432
23500	5.7605	-3.4674	2.7063	64.2487	24.5139	2.71784
24000	5.7807	-3.4864	2.7683	65.4069	25.1489	2.78005
24500	5.7973	-3.5033	2.8192	66.3725	25.5916	2.83107
25000	5.8108	-3.5184	2.8604	67.1760	25.8746	2.87231
25500	5.8221	-3.5320	2.8938	67.8508	26.0354	2.90559
26000	5.8318	-3.5446	2.9213	68.4350	26.1130	2.93298
26500	5.8406	-3.5563	2.9450	68.9630	26.1432	2.95647
27000	5.8490	-3.5676	2.9667	69.4681	26.1595	2.97794
27500	5.8575	-3.5787	2.9880	69.9797	26.1909	2.99913

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.8665	-3.5898	3.0107	70.5263	26.2648	3.02169
28500	5.8765	-3.6011	3.0362	71.1322	26.4051	3.04712
29000	5.8878	-3.6129	3.0659	71.8217	26.6334	3.07681
29500	5.9006	-3.6253	3.1009	72.6120	26.9657	3.11194
30000	5.9151	-3.6383	3.1421	73.5144	27.4113	3.15329
30500	5.9310	-3.6520	3.1898	74.5313	27.9707	3.20121
31000	5.9482	-3.6664	3.2438	75.6552	28.6342	3.25544
31500	5.9663	-3.6812	3.3030	76.8636	29.3788	3.31500
32000	5.9848	-3.6963	3.3661	78.1312	30.1769	3.37850
32500	6.0031	-3.7114	3.4313	79.4214	30.9928	3.44400
33000	6.0208	-3.7261	3.4964	80.6981	31.7905	3.50947
33500	6.0374	-3.7404	3.5597	81.9293	32.5384	3.57300
34000	6.0528	-3.7541	3.6194	83.0910	33.2129	3.63304
34500	6.0667	-3.7670	3.6747	84.1652	33.7980	3.68847
35000	6.0792	-3.7791	3.7248	85.1447	34.2882	3.73869

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-1.0407	0.9999	20.9292	2.4997	1.00000
400	3.0000	-1.1657	1.0000	21.6485	2.4999	1.00000
500	3.0969	-1.2626	1.0000	22.2064	2.4999	1.00000
600	3.1761	-1.3418	1.0000	22.6623	2.5000	1.00000
700	3.2430	-1.4087	1.0000	23.0477	2.5000	1.00000
800	3.3010	-1.4667	1.0000	23.3815	2.5000	1.00000
900	3.3522	-1.5179	1.0000	23.6760	2.5000	1.00000
1000	3.3979	-1.5640	1.0000	23.9383	2.5000	1.00000
1200	3.4771	-1.6432	1.0000	24.3941	2.5000	1.00000
1400	3.5441	-1.7101	1.0000	24.7794	2.5000	1.00000
1500	3.5740	-1.7401	1.0000	24.9520	2.5000	1.00000
1600	3.6021	-1.7681	1.0000	25.1133	2.5000	1.00000
1800	3.6532	-1.8193	1.0000	25.4078	2.5000	1.00000
2000	3.6990	-1.8650	1.0000	25.6711	2.5000	1.00000
2200	3.7404	-1.9064	1.0000	25.9095	2.5000	1.00000
2400	3.7781	-1.9442	1.0000	26.1270	2.5000	1.00000
2500	3.7959	-1.9619	1.0000	26.2289	2.5000	1.00000
2600	3.8129	-1.9790	1.0000	26.3272	2.5000	1.00000
2800	3.8451	-2.0112	1.0000	26.5124	2.5000	1.00000
3000	3.8751	-2.0411	1.0000	26.6848	2.5000	1.00000
3200	3.9031	-2.0692	1.0000	26.8463	2.5000	1.00000
3400	3.9294	-2.0955	1.0000	26.9979	2.5000	1.00000
3500	3.9420	-2.1081	1.0000	27.0704	2.5000	1.00000
3600	3.9542	-2.1203	1.0000	27.1407	2.5000	1.00000
3800	3.9777	-2.1438	1.0000	27.2759	2.5000	1.00000
4000	4.0000	-2.1661	1.0000	27.4042	2.5000	1.00000
4200	4.0212	-2.1872	1.0000	27.5260	2.5000	1.00000
4400	4.0414	-2.2075	1.0000	27.6426	2.5000	1.00000
4500	4.0512	-2.2172	1.0000	27.6986	2.5000	1.00000
4600	4.0607	-2.2268	1.0000	27.7536	2.5000	1.00000
4800	4.0792	-2.2452	1.0000	27.8599	2.5001	1.00000
5000	4.0969	-2.2630	1.0000	27.9621	2.5001	1.00000
5200	4.1140	-2.2800	1.0000	28.0602	2.5002	1.00001
5400	4.1304	-2.2964	1.0000	28.1548	2.5004	1.00001
5500	4.1384	-2.3044	1.0000	28.2010	2.5006	1.00002
5600	4.1463	-2.3122	1.0000	28.2461	2.5008	1.00002

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.1616	-2.3274	1.0000	28.3344	2.5015	1.00004
6000	4.1765	-2.3422	1.0001	28.4205	2.5025	1.00007
6200	4.1911	-2.3564	1.0001	28.5040	2.5042	1.00013
6400	4.2053	-2.3703	1.0002	28.5862	2.5066	1.00021
6500	4.2123	-2.3770	1.0003	28.6267	2.5084	1.00027
6600	4.2193	-2.3837	1.0003	28.6671	2.5104	1.00034
6800	4.2332	-2.3967	1.0005	28.7475	2.5158	1.00054
7000	4.2471	-2.4094	1.0008	28.8282	2.5235	1.00082
7200	4.2612	-2.4218	1.0012	28.9101	2.5341	1.00122
7400	4.2755	-2.4340	1.0018	28.9944	2.5487	1.00179
7500	4.2829	-2.4400	1.0021	29.0376	2.5577	1.00214
7600	4.2904	-2.4459	1.0026	29.0820	2.5681	1.00256
7800	4.3060	-2.4577	1.0036	29.1746	2.5937	1.00360
8000	4.3225	-2.4693	1.0050	29.2739	2.6269	1.00499
8200	4.3402	-2.4808	1.0068	29.3817	2.6694	1.00681
8400	4.3593	-2.4922	1.0091	29.5001	2.7231	1.00916
8500	4.3695	-2.4980	1.0105	29.5644	2.7548	1.01058
8600	4.3801	-2.5037	1.0121	29.6320	2.7901	1.01218
8800	4.4028	-2.5153	1.0159	29.7800	2.8730	1.01598
9000	4.4276	-2.5271	1.0206	29.9470	2.9742	1.02073
9200	4.4547	-2.5391	1.0265	30.1361	3.0968	1.02661
9400	4.4842	-2.5515	1.0336	30.3514	3.2439	1.03381
9500	4.4999	-2.5578	1.0377	30.4701	3.3277	1.03798
9600	4.5162	-2.5643	1.0423	30.5966	3.4189	1.04255
9800	4.5506	-2.5776	1.0527	30.8756	3.6253	1.05307
10000	4.5874	-2.5914	1.0651	31.1928	3.8669	1.06563
10200	4.6264	-2.6059	1.0798	31.5522	4.1472	1.08049
10400	4.6674	-2.6213	1.0971	31.9591	4.4705	1.09794
10500	4.6886	-2.6292	1.1068	32.1812	4.6491	1.10772
10600	4.7101	-2.6374	1.1172	32.4169	4.8398	1.11826
10800	4.7543	-2.6545	1.1404	32.9302	5.2587	1.14174
11000	4.7995	-2.6724	1.1670	33.5012	5.7291	1.16859
11200	4.8453	-2.6914	1.1971	34.1330	6.2530	1.19905
11400	4.8913	-2.7111	1.2308	34.8253	6.8297	1.23321
11500	4.9142	-2.7212	1.2490	35.1938	7.1373	1.25168
11600	4.9370	-2.7316	1.2682	35.5771	7.4574	1.27108
11800	4.9821	-2.7528	1.3092	36.3843	8.1315	1.31253
12000	5.0259	-2.7746	1.3533	37.2406	8.8450	1.35729
12200	5.0680	-2.7965	1.4002	38.1341	9.5865	1.40476
12400	5.1081	-2.8185	1.4492	39.0530	10.3432	1.45429
12500	5.1272	-2.8294	1.4741	39.5168	10.7223	1.47954
12600	5.1457	-2.8402	1.4993	39.9806	11.0991	1.50495
12800	5.1804	-2.8613	1.5494	40.8983	11.8362	1.55568
13000	5.2122	-2.8817	1.5986	41.7896	12.5385	1.60543
13200	5.2408	-2.9010	1.6458	42.6379	13.1903	1.65314
13400	5.2663	-2.9191	1.6902	43.4292	13.7790	1.69794
13500	5.2779	-2.9276	1.7111	43.8004	14.0470	1.71902
13600	5.2888	-2.9359	1.7311	44.1550	14.2969	1.73917
13800	5.3084	-2.9514	1.7681	44.8096	14.7396	1.77640
14000	5.3253	-2.9657	1.8009	45.3927	15.1079	1.80948
14200	5.3399	-2.9786	1.8297	45.9053	15.4042	1.83841
14400	5.3525	-2.9907	1.8547	46.3542	15.6356	1.86347
14500	5.3581	-2.9962	1.8658	46.5553	15.7285	1.87461
14600	5.3632	-3.0016	1.8761	46.7432	15.8079	1.88490
14800	5.3725	-3.0117	1.8943	47.0811	15.9298	1.90313

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15000	5.3804	-3.0211	1.9098	47.3744	16.0086	1.91856
15200	5.3874	-3.0298	1.9229	47.6296	16.0518	1.93156
15400	5.3934	-3.0379	1.9339	47.8530	16.0653	1.94251
15500	5.3962	-3.0419	1.9388	47.9548	16.0630	1.94734
15600	5.3988	-3.0457	1.9433	48.0507	16.0555	1.95177
15800	5.4035	-3.0530	1.9513	48.2271	16.0274	1.95961
16000	5.4078	-3.0599	1.9581	48.3859	15.9852	1.96630
16200	5.4118	-3.0666	1.9640	48.5317	15.9329	1.97206
16400	5.4155	-3.0731	1.9692	48.6676	15.8735	1.97713
16500	5.4173	-3.0763	1.9716	48.7328	15.8423	1.97945
16600	5.4191	-3.0794	1.9738	48.7965	15.8105	1.98166
16800	5.4225	-3.0856	1.9781	48.9212	15.7459	1.98581
17000	5.4259	-3.0916	1.9822	49.0436	15.6824	1.98974
17200	5.4293	-3.0975	1.9862	49.1664	15.6223	1.99360
17400	5.4328	-3.1035	1.9902	49.2927	15.5681	1.99752
17500	5.4346	-3.1064	1.9923	49.3574	15.5437	1.99954
17600	5.4365	-3.1094	1.9944	49.4241	15.5218	2.00164
17800	5.4404	-3.1152	1.9990	49.5631	15.4858	2.00611
18000	5.4446	-3.1212	2.0040	49.7125	15.4624	2.01106
18200	5.4491	-3.1272	2.0097	49.8754	15.4543	2.01667
18400	5.4541	-3.1334	2.0162	50.0541	15.4641	2.02310
18500	5.4568	-3.1365	2.0197	50.1502	15.4764	2.02665
18600	5.4597	-3.1396	2.0236	50.2515	15.4943	2.03048
18800	5.4658	-3.1461	2.0321	50.4710	15.5477	2.03903
19000	5.4726	-3.1528	2.0420	50.7155	15.6273	2.04890
19200	5.4802	-3.1598	2.0533	50.9874	15.7352	2.06028
19400	5.4885	-3.1670	2.0663	51.2897	15.8739	2.07331
19500	5.4929	-3.1707	2.0734	51.4534	15.9556	2.08052
19600	5.4976	-3.1745	2.0810	51.6252	16.0457	2.08818
19800	5.5076	-3.1824	2.0978	51.9958	16.2522	2.10503
20000	5.5184	-3.1906	2.1165	52.4023	16.4941	2.12393
20500	5.5487	-3.2128	2.1726	53.5805	17.2559	2.18059
21000	5.5828	-3.2368	2.2417	54.9746	18.2233	2.25030
21500	5.6190	-3.2623	2.3215	56.5403	19.3465	2.33094
22000	5.6552	-3.2881	2.4081	58.1982	20.5462	2.41837
22500	5.6893	-3.3135	2.4965	59.8609	21.7336	2.50758
23000	5.7201	-3.3376	2.5815	61.4395	22.8228	2.59329
23500	5.7468	-3.3598	2.6591	62.8704	23.7529	2.67141
24000	5.7693	-3.3799	2.7268	64.1194	24.4935	2.73949
24500	5.7878	-3.3978	2.7837	65.1784	25.0423	2.79666
25000	5.8031	-3.4139	2.8306	66.0662	25.4196	2.84357
25500	5.8158	-3.4282	2.8687	66.8096	25.6574	2.88165
26000	5.8265	-3.4414	2.9000	67.4443	25.7923	2.91279
26500	5.8359	-3.4536	2.9262	68.0031	25.8591	2.93887
27000	5.8445	-3.4650	2.9493	68.5183	25.8912	2.96177
27500	5.8529	-3.4762	2.9709	69.0208	25.9182	2.98323
28000	5.8616	-3.4872	2.9928	69.5377	25.9677	3.00489
28500	5.8709	-3.4983	3.0162	70.0943	26.0642	3.02826
29000	5.8812	-3.5096	3.0428	70.7140	26.2293	3.05475
29500	5.8928	-3.5215	3.0736	71.4171	26.4820	3.08564
30000	5.9058	-3.5338	3.1098	72.2185	26.8355	3.12191
30500	5.9204	-3.5469	3.1519	73.1266	27.2961	3.16422
31000	5.9364	-3.5606	3.2002	74.1415	27.8623	3.21274
31500	5.9535	-3.5747	3.2542	75.2505	28.5209	3.26703
32000	5.9713	-3.5893	3.3130	76.4364	29.2520	3.32619

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
32500	5.9894	-3.6042	3.3752	77.6712	30.0271	3.38878
33000	6.0072	-3.6190	3.4390	78.9222	30.8130	3.45297
33500	6.0244	-3.6334	3.5025	80.1547	31.5767	3.51681
34000	6.0405	-3.6474	3.5640	81.3410	32.2899	3.57858
34500	6.0554	-3.6608	3.6220	82.4597	32.9326	3.63691
35000	6.0690	-3.6734	3.6757	83.4949	33.4905	3.69079

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-0.9407	0.9999	20.6989	2.4996	1.00000
400	3.0000	-1.0657	1.0000	21.4183	2.4998	1.00000
500	3.0969	-1.1626	1.0000	21.9762	2.4999	1.00000
600	3.1761	-1.2418	1.0000	22.4320	2.5000	1.00000
700	3.2430	-1.3087	1.0000	22.8174	2.5000	1.00000
800	3.3010	-1.3667	1.0000	23.1512	2.5000	1.00000
900	3.3522	-1.4179	1.0000	23.4457	2.5000	1.00000
1000	3.3979	-1.4640	1.0000	23.7081	2.5000	1.00000
1200	3.4771	-1.5432	1.0000	24.1639	2.5000	1.00000
1400	3.5441	-1.6101	1.0000	24.5491	2.5000	1.00000
1500	3.5740	-1.6401	1.0000	24.7217	2.5000	1.00000
1600	3.6021	-1.6681	1.0000	24.8830	2.5000	1.00000
1800	3.6532	-1.7193	1.0000	25.1776	2.5000	1.00000
2000	3.6990	-1.7650	1.0000	25.4409	2.5000	1.00000
2200	3.7404	-1.8064	1.0000	25.6792	2.5000	1.00000
2400	3.7782	-1.8442	1.0000	25.8968	2.5000	1.00000
2500	3.7959	-1.8619	1.0000	25.9987	2.5000	1.00000
2600	3.8129	-1.8790	1.0000	26.0970	2.5000	1.00000
2800	3.8451	-1.9112	1.0000	26.2822	2.5000	1.00000
3000	3.8751	-1.9411	1.0000	26.4545	2.5000	1.00000
3200	3.9031	-1.9692	1.0000	26.6161	2.5000	1.00000
3400	3.9294	-1.9955	1.0000	26.7676	2.5000	1.00000
3500	3.9420	-2.0081	1.0000	26.8401	2.5000	1.00000
3600	3.9542	-2.0203	1.0000	26.9104	2.5000	1.00000
3800	3.9777	-2.0438	1.0000	27.0456	2.5000	1.00000
4000	4.0000	-2.0661	1.0000	27.1740	2.5000	1.00000
4200	4.0212	-2.0873	1.0000	27.2958	2.5000	1.00000
4400	4.0414	-2.1075	1.0000	27.4122	2.5000	1.00000
4500	4.0512	-2.1172	1.0000	27.4683	2.5000	1.00000
4600	4.0607	-2.1268	1.0000	27.5233	2.5000	1.00000
4800	4.0792	-2.1452	1.0000	27.6296	2.5001	1.00000
5000	4.0969	-2.1630	1.0000	27.7319	2.5001	1.00000
5200	4.1140	-2.1800	1.0000	27.8299	2.5002	1.00001
5400	4.1304	-2.1964	1.0000	27.9245	2.5004	1.00001
5500	4.1384	-2.2044	1.0000	27.9706	2.5005	1.00002
5600	4.1462	-2.2122	1.0000	28.0158	2.5007	1.00002
5800	4.1616	-2.2274	1.0000	28.1040	2.5013	1.00004
6000	4.1765	-2.2422	1.0001	28.1900	2.5022	1.00006
6200	4.1910	-2.2564	1.0001	28.2733	2.5037	1.00012
6400	4.2052	-2.2703	1.0002	28.3552	2.5059	1.00019
6500	4.2121	-2.2770	1.0002	28.3955	2.5074	1.00024
6600	4.2191	-2.2837	1.0003	28.4357	2.5092	1.00031
6800	4.2329	-2.2967	1.0005	28.5155	2.5141	1.00048
7000	4.2467	-2.3094	1.0007	28.5953	2.5210	1.00073
7200	4.2605	-2.3217	1.0011	28.6758	2.5304	1.00109

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.2746	-2.3339	1.0016	28.7583	2.5434	1.00159
7500	4.2818	-2.3399	1.0019	28.8006	2.5514	1.00191
7600	4.2892	-2.3458	1.0023	28.8438	2.5607	1.00228
7800	4.3043	-2.3575	1.0032	28.9335	2.5835	1.00321
8000	4.3202	-2.3690	1.0044	29.0288	2.6131	1.00445
8200	4.3372	-2.3804	1.0061	29.1315	2.6510	1.00607
8400	4.3555	-2.3918	1.0081	29.2437	2.6989	1.00817
8500	4.3651	-2.3975	1.0094	29.3043	2.7271	1.00943
8600	4.3752	-2.4031	1.0108	29.3677	2.7587	1.01086
8800	4.3967	-2.4146	1.0142	29.5059	2.8325	1.01425
9000	4.4200	-2.4261	1.0184	29.6608	2.9228	1.01849
9200	4.4456	-2.4379	1.0236	29.8356	3.0322	1.02374
9400	4.4733	-2.4499	1.0300	30.0333	3.1634	1.03015
9500	4.4880	-2.4561	1.0336	30.1420	3.2382	1.03387
9600	4.5034	-2.4624	1.0377	30.2579	3.3196	1.03795
9800	4.5358	-2.4752	1.0470	30.5124	3.5039	1.04734
10000	4.5705	-2.4886	1.0581	30.8011	3.7196	1.05856
10200	4.6074	-2.5025	1.0712	31.1276	3.9703	1.07184
10400	4.6464	-2.5171	1.0867	31.4965	4.2593	1.08745
10500	4.6665	-2.5247	1.0953	31.6979	4.4193	1.09621
10600	4.6871	-2.5325	1.1046	31.9115	4.5902	1.10565
10800	4.7294	-2.5488	1.1254	32.3766	4.9660	1.12671
11000	4.7729	-2.5658	1.1493	32.8947	5.3892	1.15086
11200	4.8173	-2.5838	1.1764	33.4687	5.8619	1.17831
11400	4.8620	-2.6026	1.2069	34.0996	6.3845	1.20924
11500	4.8845	-2.6123	1.2235	34.4365	6.6645	1.22604
11600	4.9069	-2.6222	1.2409	34.7880	6.9570	1.24374
11800	4.9513	-2.6425	1.2784	35.5309	7.5759	1.28172
12000	4.9950	-2.6635	1.3192	36.3252	8.2371	1.32309
12200	5.0373	-2.6848	1.3630	37.1620	8.9322	1.36744
12400	5.0780	-2.7064	1.4092	38.0322	9.6512	1.41427
12500	5.0976	-2.7172	1.4330	38.4760	10.0160	1.43841
12600	5.1166	-2.7279	1.4572	38.9227	10.3814	1.46287
12800	5.1528	-2.7490	1.5060	39.8174	11.1070	1.51234
13000	5.1863	-2.7696	1.5548	40.7010	11.8132	1.56174
13200	5.2169	-2.7894	1.6026	41.5571	12.4839	1.61005
13400	5.2446	-2.8081	1.6483	42.3708	13.1054	1.65634
13500	5.2572	-2.8171	1.6702	42.7581	13.3941	1.67846
13600	5.2692	-2.8258	1.6914	43.1308	13.6670	1.69981
13800	5.2910	-2.8422	1.7310	43.8280	14.1610	1.73982
14000	5.3100	-2.8573	1.7669	44.4587	14.5849	1.77604
14200	5.3265	-2.8713	1.7990	45.0214	14.9385	1.80829
14400	5.3409	-2.8842	1.8272	45.5196	15.2255	1.83666
14500	5.3473	-2.8901	1.8399	45.7449	15.3452	1.84941
14600	5.3533	-2.8959	1.8517	45.9562	15.4505	1.86128
14800	5.3639	-2.9067	1.8729	46.3372	15.6201	1.88247
15000	5.3731	-2.9168	1.8910	46.6696	15.7419	1.90061
15200	5.3811	-2.9261	1.9065	46.9593	15.8224	1.91602
15400	5.3881	-2.9347	1.9196	47.2122	15.8683	1.92908
15500	5.3912	-2.9389	1.9254	47.3272	15.8804	1.93485
15600	5.3941	-2.9429	1.9308	47.4353	15.8862	1.94016
15800	5.3995	-2.9506	1.9403	47.6327	15.8812	1.94955
16000	5.4044	-2.9578	1.9484	47.8089	15.8580	1.95756
16200	5.4087	-2.9647	1.9554	47.9685	15.8209	1.96441
16400	5.4128	-2.9714	1.9615	48.1153	15.7737	1.97036

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16500	5.4147	-2.9747	1.9643	48.1848	15.7474	1.97305
16600	5.4166	-2.9778	1.9669	48.2519	15.7196	1.97558
16800	5.4201	-2.9842	1.9717	48.3819	15.6613	1.98026
17000	5.4236	-2.9903	1.9762	48.5069	15.6014	1.98457
17200	5.4270	-2.9963	1.9804	48.6298	15.5422	1.98864
17400	5.4305	-3.0022	1.9845	48.7534	15.4862	1.99261
17500	5.4322	-3.0052	1.9865	48.8157	15.4600	1.99460
17600	5.4340	-3.0081	1.9886	48.8792	15.4353	1.99662
17800	5.4377	-3.0139	1.9929	49.0094	15.3916	2.00081
18000	5.4416	-3.0198	1.9975	49.1474	15.3578	2.00532
18200	5.4458	-3.0257	2.0026	49.2950	15.3357	2.01029
18400	5.4503	-3.0316	2.0082	49.4547	15.3280	2.01586
18500	5.4527	-3.0347	2.0113	49.5401	15.3303	2.01892
18600	5.4553	-3.0377	2.0146	49.6292	15.3369	2.02217
18800	5.4607	-3.0439	2.0218	49.8213	15.3649	2.02942
19000	5.4667	-3.0503	2.0302	50.0344	15.4149	2.03774
19200	5.4733	-3.0568	2.0397	50.2697	15.4890	2.04731
19400	5.4806	-3.0637	2.0507	50.5315	15.5896	2.05829
19500	5.4846	-3.0672	2.0567	50.6730	15.6507	2.06437
19600	5.4887	-3.0708	2.0631	50.8215	15.7192	2.07084
19800	5.4975	-3.0781	2.0773	51.1422	15.8796	2.08511
20000	5.5071	-3.0859	2.0933	51.4959	16.0727	2.10125
20500	5.5345	-3.1066	2.1419	52.5294	16.7019	2.15024
21000	5.5662	-3.1292	2.2029	53.7760	17.5363	2.21195
21500	5.6007	-3.1535	2.2756	55.2099	18.5458	2.28535
22000	5.6362	-3.1787	2.3568	56.7725	19.6695	2.36751
22500	5.6709	-3.2041	2.4427	58.3890	20.8310	2.45424
23000	5.7031	-3.2285	2.5281	59.9730	21.9449	2.54051
23500	5.7317	-3.2515	2.6087	61.4523	22.9412	2.62181
24000	5.7563	-3.2725	2.6812	62.7762	23.7733	2.69480
24500	5.7770	-3.2915	2.7439	63.9245	24.4249	2.75782
25000	5.7942	-3.3086	2.7965	64.8994	24.9010	2.81060
25500	5.8084	-3.3238	2.8399	65.7201	25.2255	2.85401
26000	5.8203	-3.3377	2.8755	66.4159	25.4291	2.88957
26500	5.8306	-3.3504	2.9051	67.0181	25.5455	2.91901
27000	5.8397	-3.3623	2.9304	67.5572	25.6070	2.94412
27500	5.8483	-3.3736	2.9531	68.0647	25.6441	2.96668
28000	5.8568	-3.3846	2.9749	68.5664	25.6835	2.98828
28500	5.8656	-3.3956	2.9972	69.0892	25.7506	3.01047
29000	5.8752	-3.4066	3.0215	69.6549	25.8680	3.03465
29500	5.8857	-3.4180	3.0490	70.2861	26.0552	3.06213
30000	5.8976	-3.4298	3.0809	70.9996	26.3288	3.09405
30500	5.9108	-3.4422	3.1180	71.8080	26.6990	3.13128
31000	5.9255	-3.4552	3.1608	72.7171	27.1704	3.17430
31500	5.9414	-3.4687	3.2094	73.7245	27.7387	3.22318
32000	5.9583	-3.4827	3.2633	74.8173	28.3898	3.27738
32500	5.9758	-3.4972	3.3215	75.9782	29.1046	3.33599
33000	5.9935	-3.5118	3.3826	77.1785	29.8544	3.39750
33500	6.0109	-3.5262	3.4450	78.3881	30.6096	3.46023
34000	6.0276	-3.5403	3.5068	79.5776	31.3406	3.52244
34500	6.0433	-3.5541	3.5666	80.7226	32.0229	3.58261
35000	6.0578	-3.5671	3.6231	81.8014	32.6370	3.63937

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-0.8407	0.9999	20.4685	2.4995	1.00000
400	3.0000	-0.9657	1.0000	21.1879	2.4998	1.00000
500	3.0969	-1.0626	1.0000	21.7459	2.4999	1.00000
600	3.1761	-1.1418	1.0000	22.2017	2.4999	1.00000
700	3.2430	-1.2087	1.0000	22.5871	2.5000	1.00000
800	3.3010	-1.2667	1.0000	22.9210	2.5000	1.00000
900	3.3522	-1.3179	1.0000	23.2154	2.5000	1.00000
1000	3.3979	-1.3640	1.0000	23.4778	2.5000	1.00000
1200	3.4771	-1.4432	1.0000	23.9337	2.5000	1.00000
1400	3.5441	-1.5101	1.0000	24.3189	2.5000	1.00000
1500	3.5740	-1.5401	1.0000	24.4914	2.5000	1.00000
1600	3.6021	-1.5681	1.0000	24.6527	2.5000	1.00000
1800	3.6532	-1.6193	1.0000	24.9473	2.5000	1.00000
2000	3.6990	-1.6650	1.0000	25.2106	2.5000	1.00000
2200	3.7404	-1.7064	1.0000	25.4489	2.5000	1.00000
2400	3.7782	-1.7442	1.0000	25.6665	2.5000	1.00000
2500	3.7959	-1.7619	1.0000	25.7684	2.5000	1.00000
2600	3.8129	-1.7790	1.0000	25.8667	2.5000	1.00000
2800	3.8451	-1.8112	1.0000	26.0520	2.5000	1.00000
3000	3.8751	-1.8411	1.0000	26.2243	2.5000	1.00000
3200	3.9031	-1.8692	1.0000	26.3858	2.5000	1.00000
3400	3.9294	-1.8955	1.0000	26.5373	2.5000	1.00000
3500	3.9420	-1.9081	1.0000	26.6098	2.5000	1.00000
3600	3.9542	-1.9203	1.0000	26.6802	2.5000	1.00000
3800	3.9777	-1.9438	1.0000	26.8154	2.5000	1.00000
4000	4.0000	-1.9661	1.0000	26.9437	2.5000	1.00000
4200	4.0212	-1.9873	1.0000	27.0656	2.5000	1.00000
4400	4.0414	-2.0075	1.0000	27.1819	2.5000	1.00000
4500	4.0512	-2.0172	1.0000	27.2380	2.5000	1.00000
4600	4.0607	-2.0268	1.0000	27.2931	2.5000	1.00000
4800	4.0792	-2.0452	1.0000	27.3993	2.5001	1.00000
5000	4.0969	-2.0630	1.0000	27.5016	2.5001	1.00000
5200	4.1140	-2.0800	1.0000	27.5997	2.5002	1.00000
5400	4.1304	-2.0964	1.0000	27.6942	2.5003	1.00001
5500	4.1384	-2.1044	1.0000	27.7403	2.5004	1.00001
5600	4.1462	-2.1122	1.0000	27.7855	2.5006	1.00002
5800	4.1616	-2.1274	1.0000	27.8736	2.5012	1.00003
6000	4.1764	-2.1422	1.0001	27.9594	2.5019	1.00005
6200	4.1909	-2.1564	1.0001	28.0426	2.5033	1.00010
6400	4.2050	-2.1703	1.0002	28.1243	2.5053	1.00017
6500	4.2120	-2.1770	1.0002	28.1644	2.5066	1.00021
6600	4.2189	-2.1837	1.0003	28.2044	2.5082	1.00027
6800	4.2326	-2.1967	1.0004	28.2836	2.5125	1.00043
7000	4.2463	-2.2094	1.0007	28.3627	2.5187	1.00065
7200	4.2600	-2.2217	1.0010	28.4420	2.5271	1.00097
7400	4.2738	-2.2338	1.0014	28.5230	2.5387	1.00141
7500	4.2809	-2.2398	1.0017	28.5644	2.5458	1.00171
7600	4.2881	-2.2457	1.0020	28.6064	2.5541	1.00203
7800	4.3028	-2.2574	1.0029	28.6935	2.5744	1.00286
8000	4.3182	-2.2688	1.0040	28.7853	2.6008	1.00397
8200	4.3345	-2.2801	1.0054	28.8835	2.6346	1.00541
8400	4.3520	-2.2914	1.0073	28.9902	2.6773	1.00729
8500	4.3612	-2.2971	1.0084	29.0474	2.7025	1.00841
8600	4.3708	-2.3026	1.0096	29.1072	2.7307	1.00968
8800	4.3911	-2.3140	1.0126	29.2366	2.7965	1.01271

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.4132	-2.3253	1.0164	29.3808	2.8771	1.01649
9200	4.4372	-2.3368	1.0210	29.5426	2.9746	1.02116
9400	4.4633	-2.3485	1.0267	29.7247	3.0917	1.02689
9500	4.4772	-2.3545	1.0300	29.8246	3.1584	1.03021
9600	4.4916	-2.3607	1.0336	29.9309	3.2311	1.03386
9800	4.5221	-2.3731	1.0419	30.1635	3.3956	1.04224
10000	4.5549	-2.3860	1.0518	30.4267	3.5881	1.05226
10200	4.5898	-2.3994	1.0635	30.7239	3.8122	1.06412
10400	4.6267	-2.4134	1.0773	31.0586	4.0705	1.07807
10500	4.6459	-2.4207	1.0851	31.2415	4.2138	1.08591
10600	4.6655	-2.4281	1.0934	31.4352	4.3668	1.09437
10800	4.7058	-2.4435	1.1120	31.8565	4.7034	1.11322
11000	4.7476	-2.4598	1.1334	32.3263	5.0837	1.13491
11200	4.7903	-2.4768	1.1578	32.8473	5.5093	1.15962
11400	4.8337	-2.4947	1.1853	33.4212	5.9816	1.18755
11500	4.8556	-2.5040	1.2003	33.7286	6.2356	1.20277
11600	4.8775	-2.5135	1.2162	34.0498	6.5015	1.21884
11800	4.9211	-2.5329	1.2503	34.7307	7.0667	1.25348
12000	4.9643	-2.5530	1.2877	35.4630	7.6751	1.29146
12200	5.0065	-2.5736	1.3282	36.2407	8.3209	1.33254
12400	5.0475	-2.5945	1.3714	37.0573	8.9968	1.37637
12500	5.0674	-2.6051	1.3939	37.4776	9.3433	1.39919
12600	5.0868	-2.6157	1.4168	37.9031	9.6929	1.42246
12800	5.1241	-2.6367	1.4638	38.7648	10.3963	1.47008
13000	5.1590	-2.6573	1.5114	39.6280	11.0929	1.51836
13200	5.1913	-2.6773	1.5588	40.4782	11.7685	1.56644
13400	5.2209	-2.6966	1.6052	41.3008	12.4094	1.61339
13500	5.2346	-2.7059	1.6277	41.6978	12.7130	1.63617
13600	5.2476	-2.7149	1.6496	42.0830	13.0033	1.65834
13800	5.2715	-2.7321	1.6913	42.8130	13.5398	1.70054
14000	5.2927	-2.7481	1.7299	43.4847	14.0134	1.73948
14200	5.3113	-2.7630	1.7649	44.0936	14.4208	1.77480
14400	5.3275	-2.7767	1.7963	44.6396	14.7625	1.80639
14500	5.3348	-2.7831	1.8105	44.8891	14.9094	1.82078
14600	5.3416	-2.7894	1.8240	45.1244	15.0414	1.83428
14800	5.3539	-2.8010	1.8482	45.5503	15.2614	1.85856
15000	5.3644	-2.8117	1.8691	45.9245	15.4296	1.87958
15200	5.3736	-2.8217	1.8872	46.2523	15.5519	1.89765
15400	5.3816	-2.8309	1.9027	46.5385	15.6345	1.91308
15500	5.3852	-2.8353	1.9096	46.6685	15.6634	1.91994
15600	5.3886	-2.8395	1.9160	46.7906	15.6844	1.92626
15800	5.3947	-2.8476	1.9273	47.0129	15.7067	1.93748
16000	5.4002	-2.8553	1.9370	47.2103	15.7065	1.94705
16200	5.4051	-2.8625	1.9453	47.3872	15.6887	1.95523
16400	5.4096	-2.8695	1.9525	47.5482	15.6571	1.96229
16500	5.4116	-2.8728	1.9557	47.6232	15.6373	1.96545
16600	5.4137	-2.8760	1.9588	47.6955	15.6153	1.96842
16800	5.4175	-2.8825	1.9643	47.8336	15.5664	1.97383
17000	5.4211	-2.8888	1.9694	47.9642	15.5131	1.97869
17200	5.4247	-2.8949	1.9740	48.0900	15.4577	1.98315
17400	5.4281	-2.9008	1.9783	48.2134	15.4027	1.98735
17500	5.4299	-2.9038	1.9804	48.2751	15.3762	1.98941
17600	5.4316	-2.9068	1.9825	48.3369	15.3505	1.99145
17800	5.4352	-2.9126	1.9868	48.4622	15.3027	1.99555
18000	5.4389	-2.9184	1.9912	48.5922	15.2619	1.99981

LOG P=-0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.4428	-2.9242	1.9958	48.7287	15.2299	2.00436
18400	5.4469	-2.9300	2.0009	48.8740	15.2090	2.00933
18500	5.4491	-2.9330	2.0036	48.9509	15.2034	2.01201
18600	5.4514	-2.9359	2.0064	49.0307	15.2013	2.01484
18800	5.4563	-2.9419	2.0127	49.2010	15.2091	2.02107
19000	5.4616	-2.9481	2.0198	49.3881	15.2349	2.02816
19200	5.4675	-2.9543	2.0279	49.5935	15.2809	2.03625
19400	5.4739	-2.9609	2.0372	49.8210	15.3495	2.04551
19500	5.4774	-2.9642	2.0423	49.9435	15.3930	2.05063
19600	5.4810	-2.9675	2.0477	50.0721	15.4427	2.05609
19800	5.4888	-2.9744	2.0597	50.3495	15.5629	2.06814
20000	5.4973	-2.9817	2.0733	50.6561	15.7121	2.08181
20500	5.5218	-3.0011	2.1149	51.5568	16.2190	2.12376
21000	5.5507	-3.0224	2.1633	52.6609	16.9242	2.17775
21500	5.5832	-3.0454	2.2334	53.9569	17.8121	2.24358
22000	5.6175	-3.0697	2.3084	55.4082	18.8419	2.31951
22500	5.6521	-3.0946	2.3901	56.9504	19.9483	2.40212
23000	5.6851	-3.1191	2.4741	58.5091	21.0563	2.48711
23500	5.7153	-3.1427	2.5561	60.0092	22.0923	2.56992
24000	5.7419	-3.1645	2.6322	61.3900	22.9989	2.64669
24500	5.7647	-3.1845	2.7000	62.6177	23.7442	2.71495
25000	5.7839	-3.2026	2.7582	63.6778	24.3189	2.77348
25500	5.7999	-3.2188	2.8071	64.5794	24.7349	2.82244
26000	5.8132	-3.2334	2.8475	65.3440	25.0165	2.86290
26500	5.8245	-3.2468	2.8810	66.0000	25.1939	2.89635
27000	5.8344	-3.2592	2.9093	66.5758	25.2976	2.92443
27500	5.8434	-3.2708	2.9339	67.1009	25.3579	2.94886
28000	5.8520	-3.2819	2.9565	67.6013	25.4015	2.97122
28500	5.8606	-3.2928	2.9785	68.1046	25.4546	2.99308
29000	5.8696	-3.3037	3.0014	68.6322	25.5392	3.01582
29500	5.8793	-3.3147	3.0264	69.2067	25.6759	3.04078
30000	5.8901	-3.3261	3.0548	69.8470	25.8828	3.06917
30500	5.9022	-3.3379	3.0875	70.5671	26.1729	3.10196
31000	5.9155	-3.3503	3.1253	71.3781	26.5552	3.13991
31500	5.9302	-3.3632	3.1686	72.2842	27.0322	3.18342
32000	5.9460	-3.3766	3.2172	73.2782	27.5969	3.23234
32500	5.9627	-3.3905	3.2708	74.3523	28.2378	3.28624
33000	5.9799	-3.4047	3.3282	75.4841	28.9332	3.34406
33500	5.9972	-3.4190	3.3881	76.6493	29.6581	3.40444
34000	6.0141	-3.4331	3.4490	77.8202	30.3843	3.46578
34500	6.0304	-3.4471	3.5094	78.9702	31.0855	3.52649
35000	6.0456	-3.4604	3.5676	80.0747	31.7379	3.58506

LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8750	-0.7407	0.9999	20.2382	2.4994	1.00000
400	3.0000	-0.8657	1.0000	20.9577	2.4997	1.00000
500	3.0969	-0.9626	1.0000	21.5156	2.4999	1.00000
600	3.1761	-1.0418	1.0001	21.9714	2.4999	1.00000
700	3.2430	-1.1087	1.0000	22.3569	2.5000	1.00000
800	3.3010	-1.1667	1.0001	22.6907	2.5000	1.00000
900	3.3522	-1.2179	1.0001	22.9852	2.5000	1.00000
1000	3.3979	-1.2640	1.0001	23.2475	2.5000	1.00000
1200	3.4771	-1.3432	1.0000	23.7034	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5441	-1.4101	1.0000	24.0886	2.5000	1.00000
1500	3.5740	-1.4401	1.0000	24.2612	2.5000	1.00000
1600	3.6021	-1.4681	1.0000	24.4225	2.5000	1.00000
1800	3.6532	-1.5193	1.0000	24.7171	2.5000	1.00000
2000	3.6990	-1.5650	1.0000	24.9803	2.5000	1.00000
2200	3.7404	-1.6064	1.0000	25.2186	2.5000	1.00000
2400	3.7782	-1.6442	1.0000	25.4363	2.5000	1.00000
2500	3.7959	-1.6619	1.0000	25.5382	2.5000	1.00000
2600	3.8129	-1.6790	1.0000	25.6364	2.5000	1.00000
2800	3.8451	-1.7112	1.0000	25.8217	2.5000	1.00000
3000	3.8751	-1.7411	1.0000	25.9941	2.5000	1.00000
3200	3.9031	-1.7692	1.0000	26.1555	2.5000	1.00000
3400	3.9294	-1.7955	1.0000	26.3070	2.5000	1.00000
3500	3.9420	-1.8081	1.0000	26.3795	2.5000	1.00000
3600	3.9542	-1.8203	1.0000	26.4499	2.5000	1.00000
3800	3.9777	-1.8438	1.0000	26.5851	2.5000	1.00000
4000	4.0000	-1.8661	1.0000	26.7134	2.5000	1.00000
4200	4.0212	-1.8873	1.0000	26.8354	2.5000	1.00000
4400	4.0414	-1.9075	1.0000	26.9517	2.5000	1.00000
4500	4.0511	-1.9172	1.0000	27.0077	2.5000	1.00000
4600	4.0607	-1.9268	1.0000	27.0628	2.5000	1.00000
4800	4.0792	-1.9452	1.0000	27.1691	2.5001	1.00000
5000	4.0969	-1.9630	1.0000	27.2714	2.5001	1.00000
5200	4.1140	-1.9800	1.0000	27.3694	2.5002	1.00000
5400	4.1304	-1.9964	1.0000	27.4639	2.5003	1.00001
5500	4.1384	-2.0044	1.0000	27.5100	2.5004	1.00001
5600	4.1462	-2.0122	1.0000	27.5552	2.5006	1.00002
5800	4.1615	-2.0274	1.0000	27.6432	2.5010	1.00003
6000	4.1764	-2.0422	1.0001	27.7289	2.5018	1.00005
6200	4.1908	-2.0564	1.0001	27.8120	2.5030	1.00009
6400	4.2049	-2.0702	1.0002	27.8934	2.5047	1.00015
6500	4.2119	-2.0770	1.0002	27.9334	2.5059	1.00019
6600	4.2188	-2.0836	1.0003	27.9731	2.5074	1.00024
6800	4.2324	-2.0967	1.0004	28.0520	2.5112	1.00038
7000	4.2459	-2.1094	1.0006	28.1302	2.5166	1.00058
7200	4.2595	-2.1217	1.0009	28.2087	2.5242	1.00086
7400	4.2731	-2.1338	1.0013	28.2882	2.5345	1.00126
7500	4.2800	-2.1397	1.0015	28.3288	2.5408	1.00152
7600	4.2871	-2.1456	1.0018	28.3698	2.5483	1.00181
7800	4.3014	-2.1572	1.0026	28.4545	2.5664	1.00255
8000	4.3164	-2.1687	1.0035	28.5433	2.5899	1.00354
8200	4.3321	-2.1799	1.0048	28.6375	2.6200	1.00483
8400	4.3488	-2.1911	1.0065	28.7392	2.6581	1.00650
8500	4.3576	-2.1967	1.0075	28.7934	2.6806	1.00750
8600	4.3668	-2.2022	1.0086	28.8499	2.7057	1.00863
8800	4.3861	-2.2134	1.0113	28.9715	2.7644	1.01133
9000	4.4070	-2.2246	1.0146	29.1063	2.8363	1.01470
9200	4.4297	-2.2358	1.0187	29.2564	2.9233	1.01887
9400	4.4542	-2.2473	1.0238	29.4248	3.0277	1.02399
9500	4.4673	-2.2532	1.0267	29.5167	3.0872	1.02695
9600	4.4809	-2.2591	1.0300	29.6143	3.1521	1.03020
9800	4.5096	-2.2711	1.0374	29.8273	3.2988	1.03768
10000	4.5404	-2.2836	1.0462	30.0678	3.4709	1.04662
10200	4.5734	-2.2965	1.0567	30.3384	3.6709	1.05722
10400	4.6083	-2.3100	1.0690	30.6429	3.9019	1.06969

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.6265	-2.3170	1.0759	30.8089	4.0300	1.07670
10600	4.6451	-2.3241	1.0834	30.9847	4.1669	1.08427
10800	4.6836	-2.3388	1.1000	31.3667	4.4684	1.10115
11000	4.7235	-2.3543	1.1192	31.7928	4.8095	1.12059
11200	4.7646	-2.3705	1.1410	32.2654	5.1920	1.14280
11400	4.8065	-2.3875	1.1658	32.7867	5.6179	1.16796
11500	4.8277	-2.3964	1.1794	33.0667	5.8475	1.18172
11600	4.8490	-2.4054	1.1937	33.3593	6.0884	1.19626
11800	4.8916	-2.4239	1.2246	33.9816	6.6025	1.22773
12000	4.9340	-2.4431	1.2588	34.6539	7.1592	1.26242
12200	4.9759	-2.4629	1.2960	35.3728	7.7548	1.30023
12400	5.0169	-2.4832	1.3361	36.1338	8.3846	1.34095
12500	5.0369	-2.4935	1.3571	36.5277	8.7098	1.36229
12600	5.0566	-2.5038	1.3786	36.9288	9.0402	1.38418
12800	5.0945	-2.5245	1.4232	37.7490	9.7125	1.42943
13000	5.1305	-2.5450	1.4690	38.5812	10.3891	1.47597
13200	5.1642	-2.5651	1.5154	39.4133	11.0577	1.52306
13400	5.1955	-2.5846	1.5615	40.2317	11.7051	1.56985
13500	5.2101	-2.5942	1.5842	40.6318	12.0170	1.59289
13600	5.2241	-2.6035	1.6065	41.0233	12.3186	1.61551
13800	5.2500	-2.6212	1.6496	41.7748	12.8864	1.65917
14000	5.2733	-2.6380	1.6902	42.4780	13.4006	1.70024
14200	5.2939	-2.6537	1.7277	43.1259	13.8552	1.73817
14400	5.3121	-2.6683	1.7619	43.7153	14.2481	1.77271
14500	5.3204	-2.6752	1.7777	43.9879	14.4215	1.78864
14600	5.3281	-2.6819	1.7927	44.2459	14.5796	1.80370
14800	5.3420	-2.6943	1.8199	44.7175	14.8512	1.83112
15000	5.3542	-2.7058	1.8439	45.1355	15.0683	1.85519
15200	5.3647	-2.7165	1.8648	45.5039	15.2357	1.87611
15400	5.3739	-2.7263	1.8828	45.8272	15.3592	1.89417
15500	5.3780	-2.7310	1.8909	45.9741	15.4067	1.90223
15600	5.3819	-2.7356	1.8984	46.1122	15.4453	1.90971
15800	5.3890	-2.7441	1.9118	46.3632	15.4990	1.92303
16000	5.3952	-2.7522	1.9233	46.5854	15.5262	1.93444
16200	5.4007	-2.7598	1.9332	46.7833	15.5312	1.94419
16400	5.4057	-2.7671	1.9418	46.9619	15.5190	1.95261
16500	5.4080	-2.7705	1.9456	47.0443	15.5075	1.95636
16600	5.4102	-2.7739	1.9492	47.1234	15.4930	1.95988
16800	5.4144	-2.7806	1.9557	47.2726	15.4565	1.96622
17000	5.4183	-2.7871	1.9615	47.4117	15.4128	1.97184
17200	5.4220	-2.7933	1.9667	47.5433	15.3645	1.97688
17400	5.4256	-2.7993	1.9714	47.6696	15.3137	1.98150
17500	5.4274	-2.8023	1.9737	47.7321	15.2883	1.98372
17600	5.4292	-2.8053	1.9760	47.7939	15.2634	1.98586
17800	5.4327	-2.8112	1.9803	47.9176	15.2146	1.99008
18000	5.4363	-2.8169	1.9847	48.0428	15.1701	1.99430
18200	5.4400	-2.8227	1.9891	48.1719	15.1320	1.99864
18400	5.4438	-2.8285	1.9938	48.3071	15.1019	2.00322
18500	5.4459	-2.8314	1.9963	48.3774	15.0903	2.00564
18600	5.4480	-2.8343	1.9989	48.4504	15.0819	2.00818
18800	5.4524	-2.8402	2.0045	48.6037	15.0742	2.01365
19000	5.4572	-2.8461	2.0106	48.7698	15.0808	2.01978
19200	5.4624	-2.8521	2.0176	48.9512	15.1041	2.02670
19400	5.4681	-2.8583	2.0255	49.1500	15.1461	2.03456
19500	5.4712	-2.8615	2.0298	49.2567	15.1750	2.03888

LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.4744	-2.8647	2.0344	49.3688	15.2094	2.04351
19800	5.4812	-2.8713	2.0445	49.6096	15.2955	2.05368
20000	5.4887	-2.8781	2.0560	49.8750	15.4068	2.06523
20500	5.5105	-2.8962	2.0915	50.6581	15.8048	2.10096
21000	5.5367	-2.9162	2.1377	51.6276	16.3869	2.14767
21500	5.5667	-2.9379	2.1952	52.7857	17.1509	2.20589
22000	5.5995	-2.9612	2.2633	54.1129	18.0729	2.27485
22500	5.6333	-2.9853	2.3395	55.5596	19.1027	2.35209
23000	5.6666	-3.0096	2.4206	57.0656	20.1769	2.43415
23500	5.6979	-3.0334	2.5022	58.5580	21.2240	2.51675
24000	5.7262	-3.0559	2.5805	59.9724	22.1815	2.59584
24500	5.7510	-3.0768	2.6523	61.2617	23.0046	2.66824
25000	5.7722	-3.0958	2.7156	62.4001	23.6717	2.73204
25500	5.7900	-3.1130	2.7699	63.3834	24.1810	2.78660
26000	5.8050	-3.1285	2.8155	64.2227	24.5476	2.83232
26500	5.8176	-3.1426	2.8536	64.9415	24.7955	2.87035
27000	5.8285	-3.1556	2.8855	65.5649	24.9536	2.90211
27500	5.8381	-3.1677	2.9127	66.1198	25.0499	2.92916
28000	5.8470	-3.1790	2.9368	66.6326	25.1111	2.95309
28500	5.8556	-3.1900	2.9594	67.1302	25.1636	2.97544
29000	5.8643	-3.2008	2.9817	67.6345	25.2300	2.99759
29500	5.8735	-3.2116	3.0051	68.1672	25.3305	3.02090
30000	5.8834	-3.2227	3.0309	68.7490	25.4851	3.04660
30500	5.8944	-3.2340	3.0600	69.3943	25.7078	3.07573
31000	5.9065	-3.2458	3.0935	70.1189	26.0115	3.10926
31500	5.9200	-3.2581	3.1318	70.9294	26.4027	3.14778
32000	5.9346	-3.2709	3.1753	71.8263	26.8809	3.19150
32500	5.9503	-3.2843	3.2238	72.8084	27.4414	3.24041
33000	5.9667	-3.2980	3.2768	73.8593	28.0683	3.29381
33500	5.9836	-3.3119	3.3333	74.9613	28.7433	3.35074
34000	6.0004	-3.3259	3.3920	76.0910	29.4420	3.40989
34500	6.0170	-3.3398	3.4515	77.2231	30.1394	3.46979
35000	6.0328	-3.3534	3.5103	78.3336	30.8113	3.52897

LOG P=-0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8749	-0.6407	0.9998	20.0078	2.4992	1.00000
400	2.9999	-0.7657	1.0000	20.7273	2.4997	1.00000
500	3.0969	-0.8626	1.0000	21.2853	2.4998	1.00000
600	3.1761	-0.9418	1.0001	21.7411	2.4999	1.00000
700	3.2430	-1.0087	1.0001	22.1266	2.5000	1.00000
800	3.3010	-1.0667	1.0001	22.4604	2.5000	1.00000
900	3.3522	-1.1179	1.0001	22.7549	2.5000	1.00000
1000	3.3979	-1.1640	1.0001	23.0172	2.5000	1.00000
1200	3.4771	-1.2432	1.0001	23.4731	2.5000	1.00000
1400	3.5441	-1.3101	1.0001	23.8585	2.5000	1.00000
1500	3.5740	-1.3401	1.0000	24.0310	2.5000	1.00000
1600	3.6021	-1.3681	1.0000	24.1922	2.5000	1.00000
1800	3.6532	-1.4193	1.0000	24.4868	2.5000	1.00000
2000	3.6990	-1.4650	1.0000	24.7501	2.5000	1.00000
2200	3.7404	-1.5064	1.0000	24.9883	2.5000	1.00000
2400	3.7781	-1.5442	1.0000	25.2060	2.5000	1.00000
2500	3.7959	-1.5619	1.0000	25.3080	2.5000	1.00000
2600	3.8129	-1.5790	1.0000	25.4061	2.5000	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8451	-1.6112	1.0000	25.5914	2.5000	1.00000
3000	3.8751	-1.6411	1.0000	25.7638	2.5000	1.00000
3200	3.9031	-1.6692	1.0000	25.9253	2.5000	1.00000
3400	3.9294	-1.6955	1.0000	26.0768	2.5000	1.00000
3500	3.9420	-1.7081	1.0000	26.1493	2.5000	1.00000
3600	3.9542	-1.7203	1.0000	26.2197	2.5000	1.00000
3800	3.9777	-1.7438	1.0000	26.3549	2.5000	1.00000
4000	4.0000	-1.7661	1.0000	26.4831	2.5000	1.00000
4200	4.0212	-1.7873	1.0000	26.6052	2.5000	1.00000
4400	4.0414	-1.8075	1.0000	26.7214	2.5000	1.00000
4500	4.0511	-1.8172	1.0000	26.7775	2.5000	1.00000
4600	4.0607	-1.8268	1.0000	26.8326	2.5000	1.00000
4800	4.0792	-1.8452	1.0000	26.9388	2.5001	1.00000
5000	4.0969	-1.8630	1.0000	27.0411	2.5001	1.00000
5200	4.1140	-1.8800	1.0000	27.1391	2.5002	1.00000
5400	4.1304	-1.8964	1.0000	27.2336	2.5003	1.00001
5500	4.1384	-1.9044	1.0000	27.2797	2.5004	1.00001
5600	4.1462	-1.9122	1.0000	27.3248	2.5005	1.00001
5800	4.1615	-1.9274	1.0000	27.4128	2.5009	1.00002
6000	4.1764	-1.9422	1.0001	27.4984	2.5016	1.00005
6200	4.1908	-1.9564	1.0001	27.5814	2.5026	1.00008
6400	4.2049	-1.9702	1.0001	27.6625	2.5042	1.00013
6500	4.2118	-1.9770	1.0002	27.7025	2.5052	1.00017
6600	4.2186	-1.9836	1.0002	27.7419	2.5066	1.00021
6800	4.2322	-1.9967	1.0003	27.8204	2.5099	1.00034
7000	4.2456	-2.0093	1.0005	27.8979	2.5148	1.00051
7200	4.2590	-2.0217	1.0008	27.9757	2.5216	1.00077
7400	4.2725	-2.0337	1.0011	28.0540	2.5308	1.00112
7500	4.2793	-2.0396	1.0014	28.0937	2.5364	1.00135
7600	4.2862	-2.0455	1.0016	28.1340	2.5430	1.00161
7800	4.3002	-2.0571	1.0023	28.2164	2.5592	1.00227
8000	4.3147	-2.0685	1.0031	28.3025	2.5801	1.00316
8200	4.3300	-2.0796	1.0043	28.3932	2.6070	1.00430
8400	4.3460	-2.0908	1.0058	28.4904	2.6410	1.00579
8500	4.3545	-2.0963	1.0067	28.5419	2.6610	1.00669
8600	4.3632	-2.1018	1.0077	28.5954	2.6834	1.00769
8800	4.3816	-2.1128	1.0100	28.7102	2.7357	1.01010
9000	4.4014	-2.1239	1.0130	28.8364	2.7999	1.01311
9200	4.4228	-2.1350	1.0167	28.9763	2.8775	1.01683
9400	4.4460	-2.1463	1.0212	29.1324	2.9706	1.02139
9500	4.4583	-2.1519	1.0238	29.2171	3.0238	1.02403
9600	4.4711	-2.1578	1.0267	29.3071	3.0817	1.02694
9800	4.4981	-2.1694	1.0333	29.5027	3.2126	1.03361
10000	4.5271	-2.1815	1.0412	29.7228	3.3662	1.04160
10200	4.5582	-2.1940	1.0505	29.9697	3.5448	1.05106
10400	4.5912	-2.2070	1.0615	30.2472	3.7513	1.06221
10500	4.6084	-2.2136	1.0677	30.3978	3.8657	1.06847
10600	4.6261	-2.2205	1.0744	30.5576	3.9882	1.07524
10800	4.6626	-2.2345	1.0893	30.9044	4.2581	1.09035
11000	4.7007	-2.2493	1.1064	31.2909	4.5637	1.10777
11200	4.7401	-2.2648	1.1260	31.7197	4.9073	1.12770
11400	4.7804	-2.2809	1.1483	32.1930	5.2905	1.15033
11500	4.8009	-2.2893	1.1605	32.4473	5.4976	1.16273
11600	4.8215	-2.2979	1.1734	32.7134	5.7151	1.17585
11800	4.8630	-2.3156	1.2014	33.2812	6.1813	1.20436

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12000	4.9045	-2.3339	1.2324	33.8961	6.6882	1.23591
12200	4.9458	-2.3529	1.2664	34.5572	7.2343	1.27051
12400	4.9864	-2.3725	1.3033	35.2617	7.8164	1.30805
12500	5.0064	-2.3824	1.3227	35.6281	8.1189	1.32783
12600	5.0261	-2.3923	1.3428	36.0029	8.4280	1.34823
12800	5.0645	-2.4125	1.3846	36.7758	9.0630	1.39078
13000	5.1012	-2.4327	1.4282	37.5697	9.7111	1.43511
13200	5.1360	-2.4528	1.4729	38.3739	10.3621	1.48061
13400	5.1686	-2.4724	1.5180	39.1757	11.0032	1.52649
13500	5.1841	-2.4820	1.5406	39.5724	11.3170	1.54937
13600	5.1989	-2.4915	1.5629	39.9639	11.6237	1.57205
13800	5.2266	-2.5098	1.6066	40.7249	12.2109	1.61642
14000	5.2518	-2.5272	1.6485	41.4488	12.7554	1.65891
14200	5.2745	-2.5437	1.6880	42.1271	13.2493	1.69892
14400	5.2947	-2.5590	1.7246	42.7536	13.6876	1.73599
14500	5.3039	-2.5664	1.7418	43.0468	13.8853	1.75333
14600	5.3126	-2.5734	1.7581	43.3259	14.0682	1.76984
14800	5.3283	-2.5867	1.7883	43.8416	14.3903	1.80030
15000	5.3421	-2.5990	1.8152	44.3033	14.6570	1.82741
15200	5.3542	-2.6104	1.8390	44.7133	14.8715	1.85127
15400	5.3647	-2.6210	1.8598	45.0760	15.0388	1.87213
15500	5.3695	-2.6260	1.8692	45.2413	15.1068	1.88151
15600	5.3740	-2.6308	1.8779	45.3970	15.1648	1.89025
15800	5.3820	-2.6400	1.8936	45.6800	15.2540	1.90591
16000	5.3892	-2.6485	1.9072	45.9306	15.3123	1.91940
16200	5.3955	-2.6565	1.9189	46.1529	15.3446	1.93100
16400	5.4011	-2.6642	1.9290	46.3522	15.3554	1.94102
16500	5.4037	-2.6678	1.9336	46.4443	15.3542	1.94549
16600	5.4062	-2.6714	1.9378	46.5319	15.3489	1.94967
16800	5.4108	-2.6783	1.9455	46.6952	15.3286	1.95718
17000	5.4151	-2.6850	1.9522	46.8459	15.2980	1.96376
17200	5.4191	-2.6914	1.9582	46.9861	15.2594	1.96959
17400	5.4229	-2.6976	1.9637	47.1188	15.2161	1.97484
17500	5.4247	-2.7007	1.9662	47.1835	15.1935	1.97729
17600	5.4265	-2.7037	1.9686	47.2467	15.1702	1.97965
17800	5.4301	-2.7096	1.9733	47.3713	15.1237	1.98416
18000	5.4336	-2.7155	1.9778	47.4953	15.0789	1.98852
18200	5.4373	-2.7212	1.9823	47.6202	15.0376	1.99285
18400	5.4410	-2.7270	1.9868	47.7487	15.0018	1.99725
18500	5.4429	-2.7298	1.9892	47.8145	14.9865	1.99953
18600	5.4448	-2.7327	1.9916	47.8824	14.9734	2.00188
18800	5.4489	-2.7385	1.9967	48.0232	14.9542	2.00683
19000	5.4533	-2.7442	2.0022	48.1734	14.9464	2.01226
19200	5.4580	-2.7501	2.0083	48.3357	14.9519	2.01829
19400	5.4631	-2.7561	2.0151	48.5113	14.9728	2.02504
19500	5.4658	-2.7591	2.0188	48.6050	14.9895	2.02873
19600	5.4687	-2.7622	2.0227	48.7036	15.0110	2.03267
19800	5.4747	-2.7685	2.0313	48.9140	15.0687	2.04130
20000	5.4814	-2.7749	2.0411	49.1443	15.1475	2.05107
20500	5.5007	-2.7920	2.0712	49.8244	15.4499	2.08138
21000	5.5241	-2.8106	2.1108	50.6706	15.9188	2.12143
21500	5.5516	-2.8311	2.1611	51.6964	16.5631	2.17235
22000	5.5823	-2.8532	2.2220	52.8944	17.3711	2.23407
22500	5.6148	-2.8764	2.2921	54.2327	18.3085	2.30513
23000	5.6478	-2.9002	2.3687	55.6620	19.3241	2.38283

LOG P=-0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23500	5.6797	-2.9239	2.4483	57.1189	20.3544	2.46350
24000	5.7093	-2.9468	2.5271	58.5402	21.3368	2.54326
24500	5.7359	-2.9684	2.6016	59.8711	22.2189	2.61855
25000	5.7590	-2.9884	2.6693	61.0755	22.9666	2.68683
25500	5.7788	-3.0065	2.7287	62.1352	23.5653	2.74665
26000	5.7955	-3.0229	2.7795	63.0504	24.0192	2.79770
26500	5.8097	-3.0379	2.8224	63.8377	24.3452	2.84067
27000	5.8217	-3.0515	2.8584	64.5170	24.5671	2.87664
27500	5.8322	-3.0641	2.8889	65.1122	24.7106	2.90698
28000	5.8417	-3.0759	2.9153	65.6504	24.8027	2.93325
28500	5.8505	-3.0871	2.9392	66.1554	24.8680	2.95689
29000	5.8591	-3.0979	2.9618	66.6496	24.9296	2.97928
29500	5.8679	-3.1087	2.9845	67.1558	25.0087	3.00179
30000	5.8772	-3.1195	3.0084	67.6933	25.1248	3.02566
30500	5.8873	-3.1304	3.0348	68.2788	25.2940	3.05198
31000	5.8984	-3.1417	3.0646	68.9285	25.5302	3.08179
31500	5.9107	-3.1535	3.0985	69.6528	25.8437	3.11585
32000	5.9241	-3.1657	3.1372	70.4577	26.2389	3.15467
32500	5.9387	-3.1784	3.1807	71.3458	26.7158	3.19850
33000	5.9541	-3.1916	3.2289	72.3087	27.2668	3.24707
33500	5.9703	-3.2051	3.2812	73.3348	27.8783	3.29981
34000	5.9868	-3.2188	3.3367	74.4067	28.5326	3.35578
34500	6.0033	-3.2325	3.3941	75.5005	29.2050	3.41367
35000	6.0194	-3.2462	3.4522	76.5963	29.8758	3.47220

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8749	-0.5406	0.9998	19.7774	2.4990	1.00000
400	2.9999	-0.6657	1.0000	20.4970	2.4996	1.00000
500	3.0969	-0.7626	1.0001	21.0550	2.4998	1.00000
600	3.1761	-0.8418	1.0001	21.5109	2.4999	1.00000
700	3.2430	-0.9087	1.0001	21.8963	2.5000	1.00000
800	3.3010	-0.9667	1.0001	22.2301	2.5000	1.00000
900	3.3522	-1.0179	1.0001	22.5246	2.5000	1.00000
1000	3.3979	-1.0640	1.0001	22.7869	2.5000	1.00000
1200	3.4771	-1.1432	1.0001	23.2428	2.5000	1.00000
1400	3.5441	-1.2102	1.0001	23.6283	2.5000	1.00000
1500	3.5740	-1.2401	1.0001	23.8007	2.5001	1.00000
1600	3.6021	-1.2681	1.0001	23.9619	2.5001	1.00000
1800	3.6532	-1.3193	1.0000	24.2565	2.5000	1.00000
2000	3.6990	-1.3650	1.0001	24.5198	2.5000	1.00000
2200	3.7404	-1.4064	1.0000	24.7581	2.5000	1.00000
2400	3.7781	-1.4442	1.0000	24.9757	2.5000	1.00000
2500	3.7959	-1.4620	1.0000	25.0779	2.5000	1.00000
2600	3.8129	-1.4790	1.0000	25.1759	2.5000	1.00000
2800	3.8451	-1.5112	1.0000	25.3612	2.5000	1.00000
3000	3.8751	-1.5411	1.0000	25.5335	2.5000	1.00000
3200	3.9031	-1.5692	1.0000	25.6950	2.5000	1.00000
3400	3.9294	-1.5955	1.0000	25.8465	2.5000	1.00000
3500	3.9420	-1.6081	1.0000	25.9190	2.5000	1.00000
3600	3.9542	-1.6203	1.0000	25.9894	2.5000	1.00000
3800	3.9777	-1.6438	1.0000	26.1246	2.5000	1.00000
4000	4.0000	-1.6661	1.0000	26.2529	2.5000	1.00000
4200	4.0212	-1.6873	1.0000	26.3749	2.5000	1.00000

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0414	-1.7075	1.0000	26.4912	2.5000	1.00000
4500	4.0511	-1.7172	1.0000	26.5472	2.5000	1.00000
4600	4.0607	-1.7268	1.0000	26.6023	2.5000	1.00000
4800	4.0792	-1.7452	1.0000	26.7086	2.5001	1.00000
5000	4.0969	-1.7630	1.0000	26.8108	2.5001	1.00000
5200	4.1140	-1.7800	1.0000	26.9088	2.5002	1.00000
5400	4.1304	-1.7964	1.0000	27.0033	2.5003	1.00001
5500	4.1384	-1.8044	1.0000	27.0494	2.5004	1.00001
5600	4.1462	-1.8122	1.0000	27.0945	2.5005	1.00001
5800	4.1615	-1.8274	1.0000	27.1825	2.5008	1.00002
6000	4.1763	-1.8422	1.0001	27.2680	2.5014	1.00004
6200	4.1907	-1.8564	1.0001	27.3509	2.5023	1.00007
6400	4.2048	-1.8702	1.0001	27.4317	2.5038	1.00012
6500	4.2117	-1.8770	1.0002	27.4716	2.5047	1.00015
6600	4.2185	-1.8836	1.0002	27.5109	2.5058	1.00019
6800	4.2320	-1.8966	1.0003	27.5889	2.5089	1.00030
7000	4.2453	-1.9093	1.0005	27.6660	2.5132	1.00046
7200	4.2586	-1.9217	1.0007	27.7429	2.5192	1.00068
7400	4.2719	-1.9337	1.0010	27.8202	2.5274	1.00100
7500	4.2786	-1.9396	1.0012	27.8592	2.5325	1.00120
7600	4.2854	-1.9454	1.0014	27.8987	2.5383	1.00144
7800	4.2991	-1.9570	1.0020	27.9792	2.5528	1.00202
8000	4.3133	-1.9634	1.0028	28.0628	2.5714	1.00281
8200	4.3280	-1.9795	1.0038	28.1505	2.5954	1.00384
8400	4.3435	-1.9905	1.0052	28.2436	2.6257	1.00516
8500	4.3516	-1.9960	1.0059	28.2928	2.6436	1.00596
8600	4.3600	-2.0014	1.0068	28.3436	2.6635	1.00686
8800	4.3775	-2.0124	1.0090	28.4522	2.7102	1.00901
9000	4.3963	-2.0232	1.0116	28.5707	2.7675	1.01169
9200	4.4166	-2.0342	1.0149	28.7017	2.8367	1.01501
9400	4.4385	-2.0453	1.0189	28.8467	2.9198	1.01908
9500	4.4501	-2.0508	1.0213	28.9251	2.9672	1.02144
9600	4.4621	-2.0565	1.0238	29.0082	3.0188	1.02403
9800	4.4876	-2.0679	1.0297	29.1884	3.1357	1.02999
10000	4.5149	-2.0796	1.0367	29.3901	3.2728	1.03711
10200	4.5442	-2.0917	1.0451	29.6159	3.4323	1.04556
10400	4.5754	-2.1042	1.0549	29.8689	3.6168	1.05552
10500	4.5916	-2.1107	1.0604	30.0062	3.7191	1.06112
10600	4.6083	-2.1172	1.0663	30.1515	3.8286	1.06716
10800	4.6430	-2.1307	1.0797	30.4666	4.0700	1.08068
11000	4.6792	-2.1448	1.0950	30.8174	4.3437	1.09628
11200	4.7168	-2.1595	1.1126	31.2066	4.6519	1.11416
11400	4.7555	-2.1749	1.1325	31.6363	4.9962	1.13449
11500	4.7752	-2.1829	1.1435	31.8671	5.1826	1.14564
11600	4.7951	-2.1911	1.1551	32.1088	5.3786	1.15746
11800	4.8353	-2.2079	1.1804	32.6259	5.8000	1.18321
12000	4.8758	-2.2254	1.2084	33.1871	6.2601	1.21181
12200	4.9162	-2.2436	1.2394	33.7930	6.7584	1.24334
12400	4.9563	-2.2623	1.2731	34.4418	7.2929	1.27774
12500	4.9762	-2.2718	1.2910	34.7810	7.5725	1.29598
12600	4.9958	-2.2815	1.3095	35.1292	7.8593	1.31487
12800	5.0342	-2.3010	1.3484	35.8514	8.4530	1.35451
13000	5.0714	-2.3208	1.3894	36.6008	9.0665	1.39627
13200	5.1069	-2.3405	1.4319	37.3684	9.6910	1.43963
13400	5.1406	-2.3600	1.4755	38.1435	10.3159	1.48399

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	5.1567	-2.3697	1.4975	38.5310	10.6257	1.50635
13600	5.1722	-2.3792	1.5194	38.9167	10.9317	1.52872
13800	5.2016	-2.3979	1.5630	39.6753	11.5265	1.57303
14000	5.2285	-2.4158	1.6055	40.4084	12.0897	1.61622
14200	5.2531	-2.4328	1.6463	41.1064	12.6124	1.65762
14400	5.2752	-2.4489	1.6848	41.7613	13.0876	1.69664
14500	5.2854	-2.4566	1.7030	42.0711	13.3061	1.71514
14600	5.2950	-2.4641	1.7206	42.3681	13.5110	1.73290
14800	5.3127	-2.4782	1.7534	42.9235	13.8801	1.76610
15000	5.3282	-2.4912	1.7831	43.4261	14.1944	1.79609
15200	5.3419	-2.5035	1.8097	43.8783	14.4570	1.82292
15400	5.3540	-2.5147	1.8333	44.2818	14.6701	1.84668
15500	5.3594	-2.5201	1.8441	44.4668	14.7598	1.85746
15600	5.3645	-2.5253	1.8541	44.6408	14.8385	1.86754
15800	5.3738	-2.5351	1.8723	44.9592	14.9670	1.88577
16000	5.3820	-2.5442	1.8882	45.2415	15.0605	1.90160
16200	5.3892	-2.5527	1.9020	45.4921	15.1236	1.91530
16400	5.3956	-2.5608	1.9140	45.7157	15.1613	1.92717
16500	5.3985	-2.5646	1.9194	45.8188	15.1721	1.93249
16600	5.4013	-2.5684	1.9244	45.9165	15.1781	1.93744
16800	5.4065	-2.5756	1.9334	46.0975	15.1775	1.94636
17000	5.4112	-2.5826	1.9414	46.2628	15.1633	1.95414
17200	5.4156	-2.5892	1.9484	46.4148	15.1379	1.96098
17400	5.4197	-2.5956	1.9546	46.5569	15.1053	1.96705
17500	5.4216	-2.5988	1.9575	46.6251	15.0866	1.96984
17600	5.4235	-2.6018	1.9603	46.6913	15.0671	1.97251
17800	5.4273	-2.6078	1.9655	46.8198	15.0259	1.97752
18000	5.4309	-2.6138	1.9703	46.9456	14.9838	1.98222
18200	5.4345	-2.6196	1.9750	47.0696	14.9425	1.98672
18400	5.4381	-2.6254	1.9796	47.1947	14.9044	1.99116
18500	5.4400,	-2.6283	1.9819	47.2580	14.8872	1.99340
18600	5.4419	-2.6311	1.9842	47.3222	14.8710	1.99565
18800	5.4457	-2.6368	1.9890	47.4545	14.8443	2.00032
19000	5.4498	-2.6425	1.9941	47.5932	14.8261	2.00529
19200	5.4541	-2.6483	1.9996	47.7406	14.8181	2.01067
19400	5.4587	-2.6540	2.0056	47.8981	14.8224	2.01659
19500	5.4612	-2.6569	2.0088	47.9815	14.8298	2.01979
19600	5.4637	-2.6599	2.0123	48.0688	14.8408	2.02319
19800	5.4691	-2.6660	2.0197	48.2543	14.8754	2.03058
20000	5.4750	-2.6721	2.0280	48.4559	14.9276	2.03890
20500	5.4921	-2.6883	2.0536	49.0480	15.1486	2.06461
21000	5.5130	-2.7058	2.0874	49.7849	15.5167	2.09879
21500	5.5378	-2.7250	2.1309	50.6866	16.0474	2.14286
22000	5.5662	-2.7458	2.1847	51.7557	16.7399	2.19735
22500	5.5971	-2.7680	2.2480	52.9758	17.5744	2.26165
23000	5.6292	-2.7911	2.3192	54.3104	18.5126	2.33390
23500	5.6611	-2.8144	2.3954	55.7083	19.5016	2.41120
24000	5.6916	-2.8375	2.4731	57.1098	20.4822	2.48997
24500	5.7196	-2.8595	2.5488	58.4586	21.3991	2.56664
25000	5.7445	-2.8802	2.6195	59.7099	22.2098	2.63820
25500	5.7662	-2.8992	2.6833	60.8351	22.8885	2.70257
26000	5.7847	-2.9165	2.7391	61.8241	23.4284	2.75879
26500	5.8005	-2.9324	2.7871	62.6835	23.8369	2.80691
27000	5.8139	-2.9468	2.8276	63.4255	24.1302	2.84754
27500	5.8255	-2.9600	2.8620	64.0711	24.3316	2.88180

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.8357	-2.9723	2.8914	64.6456	24.4660	2.91111
28500	5.8450	-2.9839	2.9173	65.1704	24.5568	2.93679
29000	5.8538	-2.9948	2.9410	65.6678	24.6271	2.96023
29500	5.8625	-3.0057	2.9637	66.1611	24.6985	2.98278
30000	5.8714	-3.0163	2.9867	66.5683	24.7901	3.00564
30500	5.8808	-3.0271	3.0112	67.2087	24.9196	3.03001
31000	5.8911	-3.0379	3.0381	67.7967	25.1013	3.05689
31500	5.9023	-3.0492	3.0684	68.4472	25.3484	3.08722
32000	5.9145	-3.0609	3.1027	69.1693	25.6684	3.12168
32500	5.9280	-3.0730	3.1415	69.9673	26.0659	3.16071
33000	5.9424	-3.0856	3.1849	70.8416	26.5382	3.20442
33500	5.9577	-3.0986	3.2326	71.7843	27.0778	3.25255
34000	5.9735	-3.1119	3.2842	72.7845	27.6723	3.30454
34500	5.9897	-3.1253	3.3385	73.8234	28.3032	3.35938
35000	6.0057	-3.1388	3.3947	74.8838	28.9515	3.41602

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8748	-0.4406	0.9997	19.5469	2.4988	1.00000
400	2.9999	-0.5657	1.0000	20.2666	2.4995	1.00000
500	3.0969	-0.6626	1.0001	20.8246	2.4998	1.00000
600	3.1761	-0.7418	1.0001	21.2806	2.4999	1.00000
700	3.2430	-0.8088	1.0001	21.6660	2.5000	1.00000
800	3.3010	-0.8667	1.0001	21.9999	2.5000	1.00000
900	3.3522	-0.9179	1.0001	22.2944	2.5000	1.00000
1000	3.3979	-0.9640	1.0001	22.5567	2.5000	1.00000
1200	3.4771	-1.0432	1.0001	23.0125	2.5001	1.00000
1400	3.5441	-1.1102	1.0001	23.3981	2.5000	1.00000
1500	3.5740	-1.1401	1.0001	23.5704	2.5001	1.00000
1600	3.6021	-1.1681	1.0001	23.7317	2.5001	1.00000
1800	3.6532	-1.2193	1.0001	24.0262	2.5001	1.00000
2000	3.6990	-1.2651	1.0001	24.2897	2.5000	1.00000
2200	3.7404	-1.3064	1.0001	24.5280	2.5000	1.00000
2400	3.7782	-1.3442	1.0001	24.7453	2.5000	1.00000
2500	3.7959	-1.3620	1.0001	24.8477	2.5000	1.00000
2600	3.8129	-1.3790	1.0001	24.9456	2.5000	1.00000
2800	3.8451	-1.4112	1.0000	25.1309	2.5000	1.00000
3000	3.8751	-1.4411	1.0000	25.3032	2.5000	1.00000
3200	3.9031	-1.4692	1.0000	25.4648	2.5000	1.00000
3400	3.9294	-1.4955	1.0000	25.6163	2.5000	1.00000
3500	3.9420	-1.5081	1.0000	25.6888	2.5000	1.00000
3600	3.9542	-1.5203	1.0000	25.7591	2.5000	1.00000
3800	3.9777	-1.5438	1.0000	25.8943	2.5000	1.00000
4000	4.0000	-1.5661	1.0000	26.0226	2.5000	1.00000
4200	4.0212	-1.5873	1.0000	26.1446	2.5000	1.00000
4400	4.0414	-1.6075	1.0000	26.2609	2.5000	1.00000
4500	4.0511	-1.6172	1.0000	26.3170	2.5000	1.00000
4600	4.0607	-1.6268	1.0000	26.3721	2.5000	1.00000
4800	4.0792	-1.6453	1.0000	26.4784	2.5001	1.00000
5000	4.0969	-1.6630	1.0000	26.5805	2.5001	1.00000
5200	4.1140	-1.6800	1.0000	26.6786	2.5001	1.00000
5400	4.1304	-1.6964	1.0000	26.7731	2.5002	1.00001
5500	4.1384	-1.7044	1.0000	26.8191	2.5003	1.00001
5600	4.1462	-1.7122	1.0000	26.8642	2.5004	1.00001

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.1615	-1.7274	1.0000	26.9521	2.5007	1.00002
6000	4.1763	-1.7422	1.0001	27.0376	2.5013	1.00003
6200	4.1907	-1.7564	1.0001	27.1203	2.5021	1.00006
6400	4.2047	-1.7702	1.0001	27.2010	2.5034	1.00010
6500	4.2116	-1.7770	1.0002	27.2408	2.5042	1.00013
6600	4.2184	-1.7836	1.0002	27.2800	2.5052	1.00017
6800	4.2318	-1.7966	1.0003	27.3575	2.5079	1.00027
7000	4.2451	-1.8093	1.0004	27.4342	2.5118	1.00041
7200	4.2582	-1.8216	1.0006	27.5104	2.5171	1.00061
7400	4.2714	-1.8336	1.0009	27.5867	2.5244	1.00089
7500	4.2780	-1.8395	1.0011	27.6252	2.5290	1.00108
7600	4.2847	-1.8453	1.0013	27.6639	2.5342	1.00128
7800	4.2981	-1.8568	1.0018	27.7427	2.5471	1.00180
8000	4.3120	-1.8682	1.0025	27.8242	2.5637	1.00251
8200	4.3263	-1.8793	1.0034	27.9091	2.5851	1.00342
8400	4.3413	-1.8903	1.0046	27.9987	2.6121	1.00461
8500	4.3491	-1.8957	1.0053	28.0456	2.6281	1.00532
8600	4.3571	-1.9011	1.0061	28.0941	2.6458	1.00612
8800	4.3738	-1.9119	1.0080	28.1971	2.6875	1.00803
9000	4.3918	-1.9227	1.0104	28.3090	2.7385	1.01043
9200	4.4110	-1.9335	1.0133	28.4318	2.8003	1.01339
9400	4.4317	-1.9444	1.0169	28.5670	2.8744	1.01702
9500	4.4426	-1.9498	1.0190	28.6397	2.9167	1.01912
9600	4.4540	-1.9554	1.0212	28.7167	2.9627	1.02144
9800	4.4780	-1.9666	1.0265	28.8831	3.0671	1.02675
10000	4.5037	-1.9780	1.0328	29.0686	3.1895	1.03311
10200	4.5313	-1.9897	1.0402	29.2756	3.3320	1.04066
10400	4.5607	-2.0017	1.0489	29.5065	3.4967	1.04955
10500	4.5761	-2.0080	1.0539	29.6321	3.5882	1.05456
10600	4.5919	-2.0143	1.0592	29.7643	3.6859	1.05996
10800	4.6247	-2.0273	1.0711	30.0512	3.9020	1.07205
11000	4.6591	-2.0407	1.0848	30.3696	4.1468	1.08601
11200	4.6949	-2.0548	1.1005	30.7231	4.4231	1.10203
11400	4.7320	-2.0695	1.1184	31.1132	4.7322	1.12027
11500	4.7509	-2.0771	1.1282	31.3228	4.8998	1.13029
11600	4.7700	-2.0849	1.1386	31.5423	5.0762	1.14091
11800	4.8088	-2.1009	1.1614	32.0120	5.4559	1.16411
12000	4.8480	-2.1175	1.1867	32.5235	5.8723	1.18997
12200	4.8874	-2.1349	1.2147	33.0773	6.3252	1.21859
12400	4.9268	-2.1528	1.2455	33.6722	6.8134	1.24997
12500	4.9463	-2.1619	1.2618	33.9847	7.0702	1.26668
12600	4.9657	-2.1712	1.2789	34.3064	7.3345	1.28405
12800	5.0040	-2.1900	1.3147	34.9766	7.8850	1.32070
13000	5.0413	-2.2092	1.3529	35.6782	8.4599	1.35967
13200	5.0773	-2.2285	1.3930	36.4036	9.0516	1.40057
13400	5.1117	-2.2478	1.4345	37.1449	9.6522	1.44294
13500	5.1283	-2.2573	1.4556	37.5188	9.9532	1.46451
13600	5.1444	-2.2669	1.4769	37.8937	10.2533	1.48625
13800	5.1751	-2.2856	1.5197	38.6380	10.8438	1.52979
14000	5.2036	-2.3038	1.5620	39.3685	11.4140	1.57291
14200	5.2298	-2.3213	1.6033	40.0747	11.9546	1.61495
14400	5.2538	-2.3380	1.6430	40.7484	12.4575	1.65531
14500	5.2649	-2.3460	1.6621	41.0704	12.6926	1.67467
14600	5.2755	-2.3538	1.6806	41.3819	12.9162	1.69344
14800	5.2950	-2.3687	1.7156	41.9703	13.3262	1.72896

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15000	5.3123	-2.3825	1.7478	42.5104	13.6853	1.76159
15200	5.3278	-2.3956	1.7771	43.0024	13.9938	1.79124
15400	5.3414	-2.4076	1.8035	43.4461	14.2528	1.81785
15500	5.3476	-2.4134	1.8156	43.6509	14.3648	1.83006
15600	5.3534	-2.4188	1.8270	43.8435	14.4651	1.84151
15800	5.3641	-2.4293	1.8479	44.1990	14.6352	1.86243
16000	5.3734	-2.4391	1.8662	44.5156	14.7666	1.88078
16200	5.3817	-2.4482	1.8822	44.7975	14.8646	1.89680
16400	5.3890	-2.4568	1.8963	45.0488	14.9331	1.91076
16500	5.3924	-2.4608	1.9026	45.1642	14.9577	1.91704
16600	5.3955	-2.4648	1.9085	45.2734	14.9766	1.92290
16800	5.4014	-2.4724	1.9192	45.4755	14.9992	1.93346
17000	5.4067	-2.4797	1.9286	45.6589	15.0051	1.94268
17200	5.4115	-2.4866	1.9368	45.8261	14.9968	1.95076
17400	5.4160	-2.4933	1.9441	45.9804	14.9776	1.95787
17500	5.4181	-2.4965	1.9475	46.0533	14.9647	1.96111
17600	5.4202	-2.4997	1.9506	46.1239	14.9503	1.96419
17800	5.4241	-2.5059	1.9565	46.2596	14.9172	1.96989
18000	5.4279	-2.5120	1.9619	46.3900	14.8809	1.97513
18200	5.4316	-2.5178	1.9670	46.5160	14.8429	1.98000
18400	5.4352	-2.5237	1.9718	46.6410	14.8056	1.98467
18500	5.4371	-2.5266	1.9742	46.7031	14.7877	1.98696
18600	5.4389	-2.5294	1.9766	46.7657	14.7706	1.98923
18800	5.4426	-2.5351	1.9813	46.8927	14.7398	1.99381
19000	5.4465	-2.5408	1.9862	47.0236	14.7147	1.99854
19200	5.4505	-2.5464	1.9913	47.1602	14.6973	2.00351
19400	5.4548	-2.5521	1.9967	47.3043	14.6893	2.00886
19500	5.4570	-2.5550	1.9996	47.3798	14.6894	2.01170
19600	5.4594	-2.5579	2.0026	47.4581	14.6924	2.01469
19800	5.4642	-2.5637	2.0092	47.6236	14.7086	2.02113
20000	5.4695	-2.5696	2.0164	47.8021	14.7392	2.02829
20500	5.4847	-2.5851	2.0382	48.3204	14.8918	2.05021
21000	5.5033	-2.6016	2.0671	48.9621	15.1717	2.07929
21500	5.5255	-2.6195	2.1045	49.7506	15.5989	2.11715
22000	5.5514	-2.6391	2.1514	50.6969	16.1802	2.16474
22500	5.5803	-2.6601	2.2079	51.7962	16.9079	2.22213
23000	5.6111	-2.6823	2.2729	53.0252	17.7556	2.28826
23500	5.6425	-2.7051	2.3444	54.3434	18.6819	2.36092
24000	5.6733	-2.7279	2.4195	55.7000	19.6353	2.43715
24500	5.7022	-2.7502	2.4948	57.0418	20.5626	2.51362
25000	5.7287	-2.7715	2.5674	58.3190	21.4158	2.58712
25500	5.7521	-2.7912	2.6345	59.4951	22.1609	2.65509
26000	5.7725	-2.8095	2.6948	60.5500	22.7796	2.71595
26500	5.7900	-2.8262	2.7476	61.4791	23.2697	2.76906
27000	5.8050	-2.8414	2.7929	62.2867	23.6392	2.81453
27500	5.8178	-2.8553	2.8315	62.9899	23.9060	2.85315
28000	5.8290	-2.8683	2.8645	63.6095	24.0929	2.88608
28500	5.8390	-2.8802	2.8931	64.1646	24.2206	2.91449
29000	5.8482	-2.8915	2.9185	64.6777	24.3119	2.93974
29500	5.8570	-2.9025	2.9421	65.1710	24.3885	2.96312
30000	5.8657	-2.9131	2.9651	65.6621	24.4694	2.98584
30500	5.8748	-2.9238	2.9885	66.1711	24.5727	3.00909
31000	5.8843	-2.9344	3.0134	66.7119	24.7133	3.03388
31500	5.8946	-2.9453	3.0407	67.3014	24.9057	3.06124
32000	5.9059	-2.9565	3.0714	67.9509	25.1609	3.09197

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
32500	5.9182	-2.9680	3.1059	68.6665	25.4842	3.12664
33000	5.9315	-2.9801	3.1446	69.4544	25.8798	3.16566
33500	5.9457	-2.9925	3.1877	70.3111	26.3441	3.20905
34000	5.9608	-3.0053	3.2348	71.2322	26.8709	3.25661
34500	5.9763	-3.0184	3.2854	72.2047	27.4472	3.30772
35000	5.9921	-3.0316	3.3387	73.2135	28.0568	3.36150

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8748	-0.3406	0.9997	19.3164	2.4984	1.00000
400	2.9999	-0.4657	1.0000	20.0362	2.4993	1.00000
500	3.0969	-0.5626	1.0001	20.5943	2.4997	1.00000
600	3.1761	-0.6418	1.0001	21.0503	2.4999	1.00000
700	3.2430	-0.7088	1.0001	21.4357	2.4999	1.00000
800	3.3010	-0.7667	1.0001	21.7696	2.5000	1.00000
900	3.3522	-0.8179	1.0001	22.0641	2.5000	1.00000
1000	3.3979	-0.8641	1.0001	22.3265	2.5000	1.00000
1200	3.4771	-0.9432	1.0001	22.7823	2.5001	1.00000
1400	3.5441	-1.0102	1.0001	23.1678	2.5001	1.00000
1500	3.5740	-1.0401	1.0001	23.3401	2.5001	1.00000
1600	3.6021	-1.0682	1.0001	23.5016	2.5001	1.00000
1800	3.6532	-1.1193	1.0001	23.7960	2.5001	1.00000
2000	3.6990	-1.1651	1.0001	24.0595	2.5001	1.00000
2200	3.7404	-1.2065	1.0001	24.2979	2.5001	1.00000
2400	3.7782	-1.2442	1.0001	24.5151	2.5001	1.00000
2500	3.7959	-1.2620	1.0001	24.6174	2.5001	1.00000
2600	3.8129	-1.2790	1.0001	24.7153	2.5000	1.00000
2800	3.8451	-1.3112	1.0001	24.9007	2.5000	1.00000
3000	3.8751	-1.3411	1.0001	25.0730	2.5000	1.00000
3200	3.9031	-1.3692	1.0001	25.2345	2.5000	1.00000
3400	3.9294	-1.3955	1.0000	25.3860	2.5000	1.00000
3500	3.9420	-1.4081	1.0000	25.4585	2.5000	1.00000
3600	3.9542	-1.4203	1.0000	25.5288	2.5000	1.00000
3800	3.9777	-1.4438	1.0000	25.6640	2.5000	1.00000
4000	4.0000	-1.4661	1.0000	25.7924	2.5000	1.00000
4200	4.0212	-1.4873	1.0000	25.9144	2.5000	1.00000
4400	4.0414	-1.5075	1.0000	26.0307	2.5000	1.00000
4500	4.0512	-1.5172	1.0000	26.0867	2.5000	1.00000
4600	4.0607	-1.5268	1.0000	26.1418	2.5000	1.00000
4800	4.0792	-1.5453	1.0000	26.2482	2.5001	1.00000
5000	4.0969	-1.5630	1.0000	26.3503	2.5001	1.00000
5200	4.1140	-1.5800	1.0000	26.4483	2.5001	1.00000
5400	4.1304	-1.5964	1.0000	26.5428	2.5002	1.00001
5500	4.1384	-1.6044	1.0000	26.5888	2.5003	1.00001
5600	4.1462	-1.6122	1.0000	26.6339	2.5004	1.00001
5800	4.1615	-1.6274	1.0000	26.7217	2.5007	1.00002
6000	4.1763	-1.6422	1.0001	26.8072	2.5011	1.00003
6200	4.1907	-1.6564	1.0001	26.8899	2.5019	1.00005
6400	4.2046	-1.6702	1.0001	26.9704	2.5030	1.00010
6500	4.2115	-1.6770	1.0001	27.0101	2.5038	1.00012
6600	4.2183	-1.6836	1.0002	27.0491	2.5047	1.00015
6800	4.2317	-1.6966	1.0003	27.1264	2.5071	1.00024
7000	4.2449	-1.7093	1.0004	27.2025	2.5105	1.00037
7200	4.2579	-1.7216	1.0006	27.2781	2.5152	1.00055

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.2709	-1.7336	1.0008	27.3536	2.5218	1.00080
7500	4.2775	-1.7395	1.0010	27.3915	2.5258	1.00096
7600	4.2840	-1.7453	1.0012	27.4296	2.5305	1.00114
7800	4.2973	-1.7568	1.0016	27.5070	2.5420	1.00161
8000	4.3108	-1.7681	1.0022	27.5864	2.5569	1.00223
8200	4.3247	-1.7792	1.0031	27.6689	2.5758	1.00306
8400	4.3392	-1.7901	1.0041	27.7553	2.5999	1.00411
8500	4.3468	-1.7955	1.0047	27.8004	2.6142	1.00474
8600	4.3545	-1.8008	1.0054	27.8468	2.6300	1.00545
8800	4.3705	-1.8115	1.0071	27.9448	2.6672	1.00716
9000	4.3876	-1.8222	1.0092	28.0507	2.7127	1.00930
9200	4.4059	-1.8329	1.0119	28.1662	2.7678	1.01195
9400	4.4255	-1.8436	1.0151	28.2926	2.8340	1.01518
9500	4.4359	-1.8490	1.0169	28.3605	2.8717	1.01706
9600	4.4466	-1.8544	1.0189	28.4318	2.9128	1.01912
9800	4.4692	-1.8653	1.0236	28.5859	3.0059	1.02386
10000	4.4935	-1.8765	1.0292	28.7570	3.1152	1.02954
10200	4.5195	-1.8879	1.0358	28.9472	3.2425	1.03628
10400	4.5472	-1.8996	1.0436	29.1585	3.3896	1.04422
10500	4.5617	-1.9056	1.0481	29.2731	3.4713	1.04870
10600	4.5766	-1.9117	1.0528	29.3938	3.5587	1.05352
10800	4.6077	-1.9241	1.0634	29.6553	3.7518	1.06433
11000	4.6403	-1.9370	1.0757	29.9451	3.9709	1.07682
11200	4.6744	-1.9505	1.0897	30.2662	4.2183	1.09117
11400	4.7097	-1.9646	1.1057	30.6205	4.4955	1.10752
11500	4.7278	-1.9718	1.1145	30.8109	4.6460	1.11651
11600	4.7461	-1.9792	1.1239	31.0103	4.8045	1.12606
11800	4.7834	-1.9944	1.1443	31.4367	5.1461	1.14691
12000	4.8213	-2.0103	1.1671	31.9022	5.5219	1.17025
12200	4.8596	-2.0268	1.1925	32.4073	5.9324	1.19615
12400	4.8980	-2.0439	1.2203	32.9515	6.3766	1.22466
12500	4.9172	-2.0527	1.2352	33.2382	6.6110	1.23990
12600	4.9363	-2.0615	1.2508	33.5343	6.8535	1.25581
12800	4.9741	-2.0796	1.2837	34.1532	7.3605	1.28949
13000	5.0113	-2.0982	1.3189	34.8052	7.8943	1.32558
13200	5.0474	-2.1169	1.3563	35.4854	8.4496	1.36380
13400	5.0823	-2.1358	1.3954	36.1866	9.0197	1.40380
13500	5.0992	-2.1452	1.4155	36.5434	9.3084	1.42436
13600	5.1157	-2.1547	1.4359	36.9030	9.5980	1.44519
13800	5.1474	-2.1733	1.4772	37.6235	10.1745	1.48733
14000	5.1772	-2.1916	1.5187	38.3407	10.7414	1.52972
14200	5.2049	-2.2093	1.5598	39.0439	11.2886	1.57168
14400	5.2306	-2.2265	1.6000	39.7257	11.8084	1.61266
14500	5.2425	-2.2347	1.6195	40.0547	12.0550	1.63256
14600	5.2540	-2.2429	1.6387	40.3763	12.2927	1.65203
14800	5.2753	-2.2583	1.6753	40.9888	12.7353	1.68929
15000	5.2945	-2.2730	1.7096	41.5603	13.1331	1.72413
15200	5.3117	-2.2867	1.7413	42.0871	13.4836	1.75626
15400	5.3270	-2.2996	1.7703	42.5683	13.7866	1.78558
15500	5.3340	-2.3057	1.7837	42.7921	13.9207	1.79916
15600	5.3406	-2.3115	1.7965	43.0039	14.0429	1.81200
15800	5.3526	-2.3227	1.8200	43.3972	14.2557	1.83568
16000	5.3633	-2.3331	1.8409	43.7496	14.4277	1.85667
16200	5.3728	-2.3429	1.8594	44.0651	14.5630	1.87520
16400	5.3811	-2.3520	1.8756	44.3472	14.6657	1.89147

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16500	5.3850	-2.3563	1.8830	44.4764	14.7058	1.89882
16600	5.3886	-2.3605	1.8899	44.5989	14.7394	1.90569
16800	5.3953	-2.3686	1.9025	44.8257	14.7892	1.91816
17000	5.4013	-2.3763	1.9135	45.0302	14.8184	1.92904
17200	5.4067	-2.3836	1.9232	45.2156	14.8304	1.93859
17400	5.4116	-2.3905	1.9318	45.3850	14.8283	1.94697
17500	5.4140	-2.3938	1.9357	45.4643	14.8229	1.95078
17600	5.4162	-2.3971	1.9393	45.5409	14.8152	1.95437
17800	5.4205	-2.4036	1.9462	45.6869	14.7936	1.96098
18000	5.4245	-2.4098	1.9523	45.8245	14.7662	1.96694
18200	5.4284	-2.4158	1.9580	45.9557	14.7344	1.97240
18400	5.4322	-2.4218	1.9633	46.0835	14.7010	1.97749
18500	5.4340	-2.4247	1.9658	46.1460	14.6840	1.97993
18600	5.4359	-2.4276	1.9683	46.2087	14.6675	1.98232
18800	5.4396	-2.4333	1.9732	46.3335	14.6359	1.98703
19000	5.4433	-2.4390	1.9780	46.4600	14.6076	1.99172
19200	5.4472	-2.4446	1.9830	46.5895	14.5842	1.99651
19400	5.4512	-2.4502	1.9881	46.7240	14.5678	2.00150
19500	5.4533	-2.4531	1.9908	46.7939	14.5627	2.00411
19600	5.4554	-2.4559	1.9935	46.8654	14.5598	2.00681
19800	5.4599	-2.4616	1.9994	47.0152	14.5618	2.01256
20000	5.4647	-2.4673	2.0057	47.1755	14.5756	2.01885
20500	5.4783	-2.4821	2.0247	47.6332	14.6725	2.03772
21000	5.4949	-2.4978	2.0493	48.1941	14.8777	2.06252
21500	5.5146	-2.5147	2.0813	48.8823	15.2125	2.09489
22000	5.5380	-2.5331	2.1219	49.7147	15.6900	2.13608
22500	5.5646	-2.5529	2.1717	50.6944	16.3104	2.18665
23000	5.5937	-2.5741	2.2302	51.8107	17.0598	2.24621
23500	5.6241	-2.5961	2.2962	53.0347	17.9079	2.31335
24000	5.6547	-2.6185	2.3673	54.3263	18.8129	2.38577
24500	5.6842	-2.6408	2.4409	55.6370	19.7261	2.46052
25000	5.7118	-2.6623	2.5136	55.9166	20.5984	2.53443
25500	5.7368	-2.6826	2.5830	58.1243	21.3906	2.60473
26000	5.7589	-2.7017	2.6468	59.2321	22.0765	2.66936
26500	5.7782	-2.7193	2.7040	60.2245	22.6429	2.72706
27000	5.7948	-2.7353	2.7540	61.0989	23.0898	2.77740
27500	5.8091	-2.7500	2.7971	61.8638	23.4282	2.82066
28000	5.8215	-2.7636	2.8341	62.5359	23.6751	2.85769
28500	5.8323	-2.7761	2.8660	63.1313	23.8501	2.88946
29000	5.8421	-2.7879	2.8939	63.6713	23.9744	2.91722
29500	5.8513	-2.7991	2.9191	64.1763	24.0685	2.94219
30000	5.8601	-2.8098	2.9427	64.6642	24.1515	2.96556
30500	5.8689	-2.8205	2.9659	65.1549	24.2420	2.98850
31000	5.8780	-2.8309	2.9896	65.6626	24.3549	3.01206
31500	5.8876	-2.8415	3.0149	66.2047	24.5062	3.03727
32000	5.8980	-2.8524	3.0426	66.7931	24.7070	3.06500
32500	5.9093	-2.8635	3.0735	67.4380	24.9673	3.09599
33000	5.9215	-2.8750	3.1081	68.1468	25.2923	3.13078
33500	5.9347	-2.8869	3.1467	68.9219	25.6840	3.16968
34000	5.9489	-2.8992	3.1893	69.7614	26.1396	3.21269
34500	5.9635	-2.9118	3.2357	70.6584	26.6515	3.25954
35000	5.9788	-2.9246	3.2853	71.6033	27.2087	3.30969

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8747	-0.2406	0.9996	19.0858	2.4980	1.00000
400	2.9999	-0.3657	1.0000	19.8058	2.4992	1.00000
500	3.0968	-0.4626	1.0001	20.3640	2.4996	1.00000
600	3.1761	-0.5418	1.0002	20.8199	2.4998	1.00000
700	3.2430	-0.6088	1.0002	21.2054	2.4999	1.00000
800	3.3010	-0.6668	1.0002	21.5393	2.5000	1.00000
900	3.3522	-0.7179	1.0002	21.8338	2.5000	1.00000
1000	3.3980	-0.7641	1.0002	22.0963	2.5001	1.00000
1200	3.4771	-0.8432	1.0001	22.5520	2.5001	1.00000
1400	3.5441	-0.9102	1.0001	22.9375	2.5001	1.00000
1500	3.5740	-0.9401	1.0001	23.1099	2.5001	1.00000
1600	3.6021	-0.9682	1.0001	23.2713	2.5001	1.00000
1800	3.6532	-1.0193	1.0001	23.5657	2.5001	1.00000
2000	3.6990	-1.0651	1.0001	23.8292	2.5001	1.00000
2200	3.7404	-1.1065	1.0001	24.0676	2.5001	1.00000
2400	3.7782	-1.1442	1.0001	24.2849	2.5001	1.00000
2500	3.7959	-1.1620	1.0001	24.3871	2.5001	1.00000
2600	3.8129	-1.1790	1.0001	24.4850	2.5001	1.00000
2800	3.8451	-1.2112	1.0001	24.6703	2.5001	1.00000
3000	3.8751	-1.2412	1.0001	24.8429	2.5001	1.00000
3200	3.9031	-1.2692	1.0001	25.0043	2.5001	1.00000
3400	3.9294	-1.2955	1.0001	25.1557	2.5000	1.00000
3500	3.9420	-1.3081	1.0001	25.2282	2.5000	1.00000
3600	3.9542	-1.3203	1.0001	25.2985	2.5000	1.00000
3800	3.9777	-1.3438	1.0001	25.4337	2.5000	1.00000
4000	4.0000	-1.3661	1.0001	25.5621	2.5000	1.00000
4200	4.0212	-1.3873	1.0000	25.6841	2.5001	1.00000
4400	4.0414	-1.4075	1.0000	25.8003	2.5001	1.00000
4500	4.0512	-1.4172	1.0000	25.8565	2.5001	1.00000
4600	4.0607	-1.4268	1.0000	25.9115	2.5001	1.00000
4800	4.0792	-1.4453	1.0000	26.0180	2.5001	1.00000
5000	4.0969	-1.4630	1.0000	26.1200	2.5001	1.00000
5200	4.1140	-1.4800	1.0000	26.2180	2.5001	1.00000
5400	4.1304	-1.4964	1.0000	26.3125	2.5002	1.00000
5500	4.1384	-1.5044	1.0000	26.3585	2.5003	1.00001
5600	4.1462	-1.5122	1.0000	26.4036	2.5003	1.00001
5800	4.1615	-1.5274	1.0001	26.4915	2.5006	1.00001
6000	4.1763	-1.5422	1.0001	26.5768	2.5010	1.00003
6200	4.1906	-1.5564	1.0001	26.6594	2.5017	1.00005
6400	4.2046	-1.5702	1.0001	26.7398	2.5027	1.00008
6500	4.2114	-1.5770	1.0001	26.7794	2.5034	1.00011
6600	4.2182	-1.5836	1.0002	26.8183	2.5042	1.00014
6800	4.2315	-1.5966	1.0002	26.8953	2.5063	1.00021
7000	4.2447	-1.6092	1.0004	26.9709	2.5094	1.00032
7200	4.2576	-1.6215	1.0005	27.0460	2.5136	1.00049
7400	4.2705	-1.6335	1.0007	27.1208	2.5194	1.00072
7500	4.2770	-1.6394	1.0009	27.1582	2.5230	1.00086
7600	4.2834	-1.6452	1.0010	27.1958	2.5272	1.00102
7800	4.2965	-1.6567	1.0015	27.2719	2.5374	1.00144
8000	4.3097	-1.6680	1.0020	27.3496	2.5507	1.00199
8200	4.3233	-1.6790	1.0027	27.4298	2.5676	1.00272
8400	4.3374	-1.6899	1.0037	27.5134	2.5892	1.00367
8500	4.3447	-1.6953	1.0042	27.5568	2.6019	1.00423
8600	4.3521	-1.7006	1.0048	27.6013	2.6159	1.00486
8800	4.3676	-1.7112	1.0064	27.6950	2.6492	1.00639

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.3839	-1.7218	1.0082	27.7955	2.6897	1.00829
9200	4.4014	-1.7323	1.0106	27.9044	2.7389	1.01066
9400	4.4200	-1.7429	1.0134	28.0230	2.7980	1.01354
9500	4.4298	-1.7482	1.0151	28.0864	2.8316	1.01522
9600	4.4399	-1.7535	1.0169	28.1529	2.8683	1.01706
9800	4.4613	-1.7642	1.0211	28.2959	2.9514	1.02129
10000	4.4841	-1.7752	1.0261	28.4542	3.0489	1.02636
10200	4.5086	-1.7863	1.0320	28.6293	3.1626	1.03239
10400	4.5348	-1.7977	1.0389	28.8234	3.2940	1.03947
10500	4.5484	-1.8034	1.0429	28.9279	3.3669	1.04347
10600	4.5625	-1.8093	1.0471	29.0385	3.4451	1.04778
10800	4.5919	-1.8213	1.0566	29.2771	3.6177	1.05745
11000	4.6228	-1.8338	1.0675	29.5413	3.8138	1.06861
11200	4.6551	-1.8467	1.0801	29.8334	4.0352	1.08146
11400	4.6887	-1.8601	1.0944	30.1552	4.2835	1.09610
11500	4.7060	-1.8670	1.1023	30.3283	4.4185	1.10416
11600	4.7235	-1.8741	1.1107	30.5092	4.5608	1.11273
11800	4.7592	-1.8886	1.1290	30.8970	4.8680	1.13148
12000	4.7957	-1.9037	1.1495	31.3202	5.2066	1.15248
12200	4.8328	-1.9194	1.1723	31.7800	5.5774	1.17587
12400	4.8701	-1.9357	1.1975	32.2767	5.9801	1.20169
12500	4.8888	-1.9440	1.2110	32.5389	6.1934	1.21554
12600	4.9075	-1.9526	1.2251	32.8103	6.4146	1.23002
12800	4.9447	-1.9699	1.2552	33.3793	6.8790	1.26081
13000	4.9815	-1.9877	1.2875	33.9818	7.3711	1.29401
13200	5.0175	-2.0059	1.3221	34.6153	7.8880	1.32947
13400	5.0526	-2.0242	1.3586	35.2731	8.4234	1.36688
13500	5.0697	-2.0335	1.3776	35.6106	8.6971	1.38628
13600	5.0865	-2.0427	1.3968	35.9518	8.9729	1.40601
13800	5.1189	-2.0611	1.4362	36.6418	9.5280	1.44632
14000	5.1497	-2.0793	1.4763	37.3371	10.0821	1.48741
14200	5.1786	-2.0971	1.5166	38.0271	10.6254	1.52863
14400	5.2057	-2.1146	1.5566	38.7056	11.1514	1.56951
14500	5.2184	-2.1230	1.5763	39.0367	11.4046	1.58959
14600	5.2307	-2.1313	1.5957	39.3624	11.6510	1.60941
14800	5.2537	-2.1473	1.6334	39.9906	12.1179	1.64782
15000	5.2746	-2.1626	1.6692	40.5852	12.5468	1.68433
15200	5.2936	-2.1770	1.7028	41.1407	12.9337	1.71853
15400	5.3106	-2.1906	1.7341	41.6549	13.2766	1.75024
15500	5.3185	-2.1971	1.7487	41.8961	13.4314	1.76509
15600	5.3259	-2.2033	1.7627	42.1261	13.5747	1.77925
15800	5.3395	-2.2152	1.7887	42.5557	13.8295	1.80558
16000	5.3516	-2.2263	1.8122	42.9437	14.0424	1.82921
16200	5.3623	-2.2367	1.8332	43.2936	14.2167	1.85032
16400	5.3719	-2.2465	1.8519	43.6084	14.3562	1.86905
16500	5.3762	-2.2510	1.8603	43.7527	14.4133	1.87755
16600	5.3804	-2.2555	1.8684	43.8900	14.4634	1.88555
16800	5.3880	-2.2642	1.8830	44.1442	14.5436	1.90012
17000	5.3948	-2.2723	1.8959	44.3727	14.5996	1.91291
17200	5.4009	-2.2799	1.9072	44.5791	14.6352	1.92414
17400	5.4065	-2.2872	1.9173	44.7668	14.6536	1.93402
17500	5.4091	-2.2908	1.9218	44.8548	14.6575	1.93852
17600	5.4116	-2.2942	1.9261	44.9385	14.6580	1.94274
17800	5.4163	-2.3009	1.9341	45.0976	14.6512	1.95048
18000	5.4207	-2.3073	1.9412	45.2456	14.6356	1.95739

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.4248	-2.3136	1.9476	45.3849	14.6133	1.96363
18400	5.4288	-2.3197	1.9536	45.5182	14.5868	1.96934
18500	5.4307	-2.3226	1.9564	45.5826	14.5725	1.97204
18600	5.4326	-2.3256	1.9591	45.6468	14.5579	1.97464
18800	5.4364	-2.3314	1.9643	45.7726	14.5283	1.97967
19000	5.4401	-2.3371	1.9694	45.8978	14.4997	1.98453
19200	5.4439	-2.3427	1.9743	46.0236	14.4740	1.98934
19400	5.4478	-2.3483	1.9794	46.1521	14.4527	1.99420
19500	5.4497	-2.3512	1.9819	46.2181	14.4443	1.99669
19600	5.4517	-2.3539	1.9845	46.2849	14.4371	1.99922
19800	5.4559	-2.3595	1.9900	46.4234	14.4293	2.00452
20000	5.4603	-2.3652	1.9957	46.5699	14.4304	2.01019
20500	5.4726	-2.3795	2.0124	46.9792	14.4830	2.02673
21000	5.4873	-2.3945	2.0337	47.4727	14.6259	2.04801
21500	5.5051	-2.4105	2.0611	48.0739	14.8806	2.07565
22000	5.5261	-2.4278	2.0960	48.8033	15.2639	2.11109
22500	5.5504	-2.4464	2.1394	49.6702	15.7823	2.15521
23000	5.5774	-2.4664	2.1914	50.6730	16.4313	2.20819
23500	5.6064	-2.4875	2.2514	51.7951	17.1916	2.26930
24000	5.6362	-2.5093	2.3176	53.0046	18.0303	2.33685
24500	5.6658	-2.5312	2.3879	54.2619	18.9066	2.40847
25000	5.6941	-2.5528	2.4595	55.5210	19.7753	2.48131
25500	5.7203	-2.5736	2.5296	56.7393	20.5942	2.55257
26000	5.7440	-2.5933	2.5960	57.8833	21.3312	2.61988
26500	5.7650	-2.6116	2.6567	58.9280	21.9639	2.68141
27000	5.7832	-2.6285	2.7111	59.8645	22.4843	2.73628
27500	5.7991	-2.6440	2.7587	60.6909	22.8948	2.78416
28000	5.8128	-2.6583	2.7999	61.4194	23.2079	2.82555
28500	5.8248	-2.6715	2.8355	62.0628	23.4383	2.86117
29000	5.8354	-2.6838	2.8665	62.6389	23.6053	2.89205
29500	5.8451	-2.6953	2.8940	63.1662	23.7280	2.91929
30000	5.8542	-2.7063	2.9190	63.6632	23.8254	2.94407
30500	5.8630	-2.7170	2.9426	64.1481	23.9156	2.96750
31000	5.8718	-2.7275	2.9660	64.6361	24.0143	2.99065
31500	5.8810	-2.7380	2.9900	65.1441	24.1369	3.01454
32000	5.8907	-2.7485	3.0156	65.6848	24.2963	3.04008
32500	5.9011	-2.7593	3.0436	66.2703	24.5032	3.06808
33000	5.9124	-2.7703	3.0746	66.9091	24.7661	3.09920
33500	5.9245	-2.7817	3.1091	67.6078	25.0896	3.13396
34000	5.9376	-2.7935	3.1474	68.3676	25.4750	3.17255
34500	5.9514	-2.8055	3.1895	69.1865	25.9191	3.21501
35000	5.9659	-2.8180	3.2351	70.0608	26.4164	3.26113

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8746	-0.1405	0.9995	18.8552	2.4975	1.00000
400	2.9998	-0.2657	1.0000	19.5753	2.4990	1.00000
500	3.0968	-0.3626	1.0001	20.1336	2.4995	1.00000
600	3.1761	-0.4418	1.0002	20.5896	2.4998	1.00000
700	3.2430	-0.5088	1.0002	20.9751	2.4999	1.00000
800	3.3010	-0.5668	1.0002	21.3090	2.5000	1.00000
900	3.3522	-0.6179	1.0002	21.6035	2.5001	1.00000
1000	3.3980	-0.6641	1.0002	21.8659	2.5001	1.00000
1200	3.4771	-0.7432	1.0002	22.3217	2.5001	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5441	-0.8102	1.0002	22.7072	2.5001	1.00000
1500	3.5740	-0.8402	1.0002	22.8797	2.5001	1.00000
1600	3.6021	-0.8682	1.0002	23.0411	2.5001	1.00000
1800	3.6532	-0.9193	1.0001	23.3354	2.5001	1.00000
2000	3.6990	-0.9651	1.0001	23.5989	2.5001	1.00000
2200	3.7404	-1.0065	1.0001	23.8372	2.5001	1.00000
2400	3.7782	-1.0443	1.0001	24.0548	2.5001	1.00000
2500	3.7959	-1.0620	1.0001	24.1568	2.5001	1.00000
2600	3.8129	-1.0790	1.0001	24.2547	2.5001	1.00000
2800	3.8451	-1.1112	1.0001	24.4401	2.5001	1.00000
3000	3.8751	-1.1412	1.0001	24.6126	2.5001	1.00000
3200	3.9031	-1.1692	1.0001	24.7739	2.5001	1.00000
3400	3.9294	-1.1955	1.0001	24.9254	2.5001	1.00000
3500	3.9420	-1.2081	1.0001	24.9979	2.5001	1.00000
3600	3.9543	-1.2203	1.0001	25.0683	2.5001	1.00000
3800	3.9777	-1.2438	1.0001	25.2035	2.5001	1.00000
4000	4.0000	-1.2661	1.0001	25.3318	2.5001	1.00000
4200	4.0212	-1.2873	1.0001	25.4538	2.5001	1.00000
4400	4.0414	-1.3075	1.0001	25.5701	2.5001	1.00000
4500	4.0512	-1.3172	1.0001	25.6262	2.5001	1.00000
4600	4.0607	-1.3268	1.0001	25.6812	2.5001	1.00000
4800	4.0792	-1.3453	1.0001	25.7877	2.5001	1.00000
5000	4.0969	-1.3630	1.0001	25.8897	2.5001	1.00000
5200	4.1140	-1.3800	1.0000	25.9877	2.5001	1.00000
5400	4.1304	-1.3964	1.0000	26.0822	2.5002	1.00000
5500	4.1384	-1.4044	1.0000	26.1282	2.5003	1.00001
5600	4.1462	-1.4122	1.0000	26.1733	2.5003	1.00001
5800	4.1615	-1.4275	1.0001	26.2613	2.5006	1.00001
6000	4.1763	-1.4422	1.0001	26.3464	2.5009	1.00003
6200	4.1906	-1.4564	1.0001	26.4290	2.5015	1.00004
6400	4.2045	-1.4702	1.0001	26.5092	2.5024	1.00008
6500	4.2114	-1.4770	1.0001	26.5488	2.5030	1.00010
6600	4.2181	-1.4836	1.0002	26.5876	2.5037	1.00012
6800	4.2314	-1.4966	1.0002	26.6644	2.5057	1.00019
7000	4.2445	-1.5092	1.0003	26.7396	2.5084	1.00029
7200	4.2574	-1.5215	1.0005	26.8142	2.5121	1.00044
7400	4.2702	-1.5335	1.0007	26.8883	2.5173	1.00064
7500	4.2766	-1.5394	1.0008	26.9253	2.5205	1.00076
7600	4.2829	-1.5452	1.0009	26.9624	2.5242	1.00091
7800	4.2958	-1.5567	1.0013	27.0374	2.5334	1.00128
8000	4.3088	-1.5679	1.0018	27.1134	2.5452	1.00177
8200	4.3221	-1.5789	1.0024	27.1916	2.5603	1.00243
8400	4.3358	-1.5897	1.0033	27.2726	2.5795	1.00327
8500	4.3429	-1.5951	1.0038	27.3146	2.5909	1.00377
8600	4.3500	-1.6004	1.0043	27.3576	2.6034	1.00434
8800	4.3649	-1.6109	1.0057	27.4473	2.6330	1.00570
9000	4.3806	-1.6214	1.0074	27.5429	2.6692	1.00740
9200	4.3973	-1.6318	1.0094	27.6460	2.7132	1.00951
9400	4.4150	-1.6423	1.0120	27.7578	2.7658	1.01208
9500	4.4242	-1.6475	1.0134	27.8171	2.7959	1.01358
9600	4.4338	-1.6528	1.0151	27.8793	2.8286	1.01522
9800	4.4540	-1.6633	1.0188	28.0126	2.9028	1.01900
10000	4.4757	-1.6740	1.0232	28.1591	2.9899	1.02353
10200	4.4987	-1.6848	1.0285	28.3208	3.0913	1.02890
10400	4.5234	-1.6959	1.0347	28.4993	3.2087	1.03524

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.5363	-1.7015	1.0382	28.5954	3.2739	1.03880
10600	4.5495	-1.7072	1.0420	28.6966	3.3437	1.04265
10800	4.5772	-1.7188	1.0505	28.9148	3.4980	1.05129
11000	4.6065	-1.7308	1.0602	29.1559	3.6734	1.06128
11200	4.6371	-1.7432	1.0715	29.4219	3.8715	1.07277
11400	4.6690	-1.7560	1.0843	29.7148	4.0939	1.08588
11500	4.6855	-1.7627	1.0913	29.8721	4.2149	1.09311
11600	4.7022	-1.7694	1.0988	30.0365	4.3424	1.10078
11800	4.7364	-1.7833	1.1152	30.3892	4.6184	1.11762
12000	4.7714	-1.7977	1.1336	30.7739	4.9230	1.13651
12200	4.8071	-1.8127	1.1542	31.1923	5.2573	1.15758
12400	4.8433	-1.8282	1.1769	31.6449	5.6216	1.18092
12500	4.8615	-1.8361	1.1891	31.8842	5.8150	1.19345
12600	4.8797	-1.8442	1.2019	32.1322	6.0159	1.20660
12800	4.9161	-1.8608	1.2292	32.6538	6.4395	1.23465
13000	4.9522	-1.8779	1.2588	33.2088	6.8911	1.26505
13200	4.9879	-1.8953	1.2906	33.7947	7.3682	1.29770
13400	5.0229	-1.9131	1.3243	34.4078	7.8668	1.33243
13500	5.0401	-1.9221	1.3420	34.7242	8.1236	1.35055
13600	5.0570	-1.9311	1.3600	35.0449	8.3833	1.36905
13800	5.0898	-1.9491	1.3971	35.6989	8.9113	1.40718
14000	5.1213	-1.9672	1.4354	36.3648	9.4450	1.44648
14200	5.1512	-1.9848	1.4743	37.0330	9.9759	1.48640
14400	5.1795	-2.0024	1.5135	37.6986	10.4983	1.52654
14500	5.1929	-2.0109	1.5330	38.0270	10.7533	1.54649
14600	5.2059	-2.0193	1.5523	38.3515	11.0031	1.56630
14800	5.2304	-2.0358	1.5904	38.9862	11.4846	1.60522
15000	5.2529	-2.0515	1.6271	39.5940	11.9351	1.64274
15200	5.2735	-2.0665	1.6621	40.1702	12.3505	1.67848
15400	5.2922	-2.0807	1.6951	40.7104	12.7270	1.71209
15500	5.3009	-2.0875	1.7108	40.9666	12.9001	1.72803
15600	5.3092	-2.0941	1.7259	41.2124	13.0628	1.74336
15800	5.3244	-2.1067	1.7542	41.6751	13.3570	1.77213
16000	5.3380	-2.1186	1.7801	42.0979	13.6103	1.79835
16200	5.3502	-2.1297	1.8036	42.4823	13.8242	1.82203
16400	5.3610	-2.1401	1.8247	42.8304	14.0016	1.84329
16500	5.3660	-2.1449	1.8344	42.9910	14.0771	1.85303
16600	5.3707	-2.1498	1.8436	43.1442	14.1449	1.86223
16800	5.3794	-2.1590	1.8604	43.4277	14.2581	1.87907
17000	5.3871	-2.1676	1.8753	43.6830	14.3441	1.89396
17200	5.3941	-2.1756	1.8886	43.9135	14.4064	1.90710
17400	5.4004	-2.1833	1.9003	44.1225	14.4488	1.91871
17500	5.4033	-2.1871	1.9057	44.2204	14.4635	1.92400
17600	5.4061	-2.1907	1.9107	44.3130	14.4740	1.92896
17800	5.4113	-2.1977	1.9200	44.4880	14.4851	1.93805
18000	5.4162	-2.2044	1.9282	44.6493	14.4847	1.94614
18200	5.4207	-2.2109	1.9357	44.7997	14.4750	1.95337
18400	5.4249	-2.2172	1.9424	44.9411	14.4583	1.95991
18500	5.4270	-2.2202	1.9456	45.0092	14.4482	1.96296
18600	5.4290	-2.2233	1.9486	45.0762	14.4372	1.96589
18800	5.4329	-2.2292	1.9544	45.2060	14.4127	1.97144
19000	5.4367	-2.2350	1.9598	45.3329	14.3872	1.97667
19200	5.4405	-2.2407	1.9651	45.4583	14.3623	1.98171
19400	5.4443	-2.2463	1.9702	45.5838	14.3391	1.98664
19500	5.4463	-2.2491	1.9728	45.6476	14.3291	1.98911

90

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.4482	-2.2519	1.9753	45.7114	14.3198	1.99159
19800	5.4522	-2.2575	1.9806	45.8427	14.3056	1.99667
20000	5.4563	-2.2630	1.9860	45.9788	14.2979	2.00196
20500	5.4676	-2.2770	2.0011	46.3509	14.3171	2.01681
21000	5.4809	-2.2915	2.0197	46.7892	14.4097	2.03530
21500	5.4967	-2.3068	2.0433	47.3173	14.5966	2.05901
22000	5.5155	-2.3231	2.0733	47.9556	14.8962	2.08940
22500	5.5374	-2.3406	2.1108	48.7187	15.3201	2.12760
23000	5.5623	-2.3594	2.1565	49.6111	15.8701	2.17416
23500	5.5895	-2.3795	2.2102	50.6266	16.5370	2.22896
24000	5.6182	-2.4004	2.2709	51.7431	17.2975	2.29094
24500	5.6473	-2.4219	2.3370	52.9302	18.1193	2.35836
25000	5.6758	-2.4433	2.4060	54.1481	18.9626	2.42879
25500	5.7029	-2.4642	2.4755	55.3550	19.7860	2.49956
26000	5.7279	-2.4843	2.5429	56.5145	20.5538	2.56818
26500	5.7504	-2.5033	2.6063	57.5976	21.2389	2.63257
27000	5.7703	-2.5210	2.6643	58.5859	21.8246	2.69129
27500	5.7878	-2.5372	2.7161	· 59.4713	22.3057	2.74360
28000	5.8029	-2.5523	2.7617	60.2582	22.6868	2.78946
28500	5.8162	-2.5662	2.8014	60.9546	22.9789	2.82925
29000	5.8278	-2.5791	2.8359	61.5744	23.1968	2.86375
29500	5.8383	-2.5911	2.8662	62.1337	23.3585	2.89389
30000	5.8478	-2.6025	2.8932	62.6503	23.4813	2.92077
30500	5.8569	-2.6134	2.9181	63.1408	23.5827	2.94543
31000	5.8657	-2.6239	2.9418	63.6215	23.6797	2.96894
31500	5.8746	-2.6344	2.9654	64.1085	23.7866	2.99232
32000	5.8839	-2.6448	2.9897	64.6146	23.9174	3.01648
32500	5.8936	-2.6553	3.0155	65.1527	24.0833	3.04228
33000	5.9040	-2.6659	3.0437	65.7334	24.2949	3.07046
33500	5.9153	-2.6769	3.0747	66.3644	24.5587	3.10164
34000	5.9273	-2.6881	3.1091	67.0509	24.8791	3.13624
34500	5.9402	-2.6997	3.1470	67.7950	25.2572	3.17448
35000	5.9538	-2.7117	3.1884	68.5942	25.6898	3.21635

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8745	-0.0405	0.9994	18.6244	2.4969	1.00000
400	2.9998	-0.1657	1.0000	19.3448	2.4987	1.00000
500	3.0968	-0.2627	1.0002	19.9032	2.4994	1.00000
600	3.1760	-0.3419	1.0002	20.3593	2.4997	1.00000
700	3.2430	-0.4088	1.0003	20.7448	2.4999	1.00000
800	3.3010	-0.4668	1.0003	21.0787	2.5000	1.00000
900	3.3522	-0.5180	1.0003	21.3732	2.5001	1.00000
1000	3.3980	-0.5641	1.0003	21.6356	2.5001	1.00000
1200	3.4772	-0.6433	1.0002	22.0915	2.5002	1.00000
1400	3.5441	-0.7102	1.0002	22.4769	2.5001	1.00000
1500	3.5741	-0.7402	1.0002	22.6494	2.5001	1.00000
1600	3.6021	-0.7682	1.0002	22.8107	2.5001	1.00000
1800	3.6532	-0.8193	1.0002	23.1051	2.5002	1.00000
2000	3.6990	-0.8651	1.0002	23.3686	2.5001	1.00000
2200	3.7404	-0.9065	1.0001	23.6069	2.5001	1.00000
2400	3.7782	-0.9443	1.0001	23.8245	2.5001	1.00000
2500	3.7959	-0.9620	1.0001	23.9266	2.5001	1.00000
2600	3.8129	-0.9790	1.0001	24.0245	2.5001	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8451	-1.0112	1.0001	24.2098	2.5001	1.00000
3000	3.8751	-1.0412	1.0001	24.3824	2.5001	1.00000
3200	3.9031	-1.0692	1.0001	24.5436	2.5001	1.00000
3400	3.9294	-1.0955	1.0001	24.6951	2.5001	1.00000
3500	3.9420	-1.1081	1.0001	24.7677	2.5001	1.00000
3600	3.9543	-1.1203	1.0001	24.8381	2.5001	1.00000
3800	3.9777	-1.1438	1.0001	24.9732	2.5001	1.00000
4000	4.0000	-1.1661	1.0001	25.1015	2.5001	1.00000
4200	4.0212	-1.1873	1.0001	25.2235	2.5001	1.00000
4400	4.0414	-1.2075	1.0001	25.3399	2.5001	1.00000
4500	4.0512	-1.2172	1.0001	25.3959	2.5001	1.00000
4600	4.0607	-1.2268	1.0001	25.4510	2.5001	1.00000
4800	4.0792	-1.2453	1.0001	25.5574	2.5001	1.00000
5000	4.0969	-1.2630	1.0001	25.6594	2.5001	1.00000
5200	4.1140	-1.2800	1.0001	25.7574	2.5001	1.00000
5400	4.1304	-1.2964	1.0001	25.8519	2.5002	1.00000
5500	4.1384	-1.3044	1.0001	25.8979	2.5003	1.00000
5600	4.1462	-1.3122	1.0001	25.9430	2.5003	1.00001
5800	4.1615	-1.3275	1.0001	26.0310	2.5005	1.00001
6000	4.1762	-1.3422	1.0001	26.1160	2.5008	1.00003
6200	4.1906	-1.3564	1.0001	26.1985	2.5013	1.00004
6400	4.2045	-1.3702	1.0001	26.2787	2.5021	1.00007
6500	4.2113	-1.3770	1.0001	26.3181	2.5027	1.00009
6600	4.2181	-1.3836	1.0002	26.3569	2.5033	1.00011
6800	4.2313	-1.3966	1.0002	26.4334	2.5051	1.00017
7000	4.2443	-1.4092	1.0003	26.5085	2.5075	1.00026
7200	4.2572	-1.4215	1.0004	26.5826	2.5108	1.00039
7400	4.2699	-1.4335	1.0006	26.6561	2.5155	1.00056
7500	4.2762	-1.4394	1.0007	26.6927	2.5184	1.00068
7600	4.2825	-1.4452	1.0008	26.7294	2.5217	1.00081
7800	4.2952	-1.4566	1.0012	26.8032	2.5298	1.00114
8000	4.3080	-1.4678	1.0016	26.8778	2.5403	1.00158
8200	4.3210	-1.4788	1.0022	26.9543	2.5538	1.00217
8400	4.3344	-1.4895	1.0029	27.0330	2.5709	1.00291
8500	4.3412	-1.4949	1.0034	27.0736	2.5810	1.00336
8600	4.3482	-1.5002	1.0039	27.1152	2.5922	1.00387
8800	4.3626	-1.5107	1.0051	27.2014	2.6186	1.00508
9000	4.3777	-1.5210	1.0066	27.2928	2.6510	1.00660
9200	4.3936	-1.5314	1.0084	27.3907	2.6902	1.00848
9400	4.4104	-1.5418	1.0107	27.4963	2.7372	1.01078
9500	4.4193	-1.5469	1.0120	27.5520	2.7640	1.01212
9600	4.4284	-1.5521	1.0134	27.6105	2.7932	1.01358
9800	4.4475	-1.5625	1.0168	27.7349	2.8594	1.01695
10000	4.4679	-1.5729	1.0207	27.8711	2.9371	1.02100
10200	4.4897	-1.5835	1.0254	28.0207	3.0277	1.02580
10400	4.5129	-1.5943	1.0310	28.1854	3.1326	1.03146
10500	4.5251	-1.5998	1.0341	28.2740	3.1909	1.03464
10600	4.5376	-1.6053	1.0375	28.3668	3.2532	1.03808
10800	4.5638	-1.6165	1.0450	28.5667	3.3911	1.04580
11000	4.5914	-1.6281	1.0537	28.7870	3.5479	1.05473
11200	4.6204	-1.6400	1.0638	29.0297	3.7251	1.06500
11400	4.6507	-1.6524	1.0752	29.2966	3.9243	1.07674
11500	4.6663	-1.6588	1.0815	29.4397	4.0326	1.08321
11600	4.6822	-1.6651	1.0882	29.5892	4.1469	1.09009
11800	4.7148	-1.6784	1.1029	29.9099	4.3946	1.10519

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12000	4.7483	-1.6922	1.1194	30.2598	4.6684	1.12216
12200	4.7827	-1.7065	1.1379	30.6404	4.9693	1.14112
12400	4.8175	-1.7213	1.1583	31.0526	5.2981	1.16217
12500	4.8351	-1.7289	1.1693	31.2708	5.4731	1.17350
12600	4.8528	-1.7366	1.1809	31.4970	5.6550	1.18539
12800	4.8882	-1.7524	1.2056	31.9740	6.0400	1.21085
13000	4.9237	-1.7687	1.2325	32.4833	6.4524	1.23856
13200	4.9588	-1.7854	1.2615	33.0226	6.8901	1.26845
13400	4.9935	-1.8025	1.2926	33.5908	7.3512	1.30049
13500	5.0106	-1.8113	1.3089	33.8853	7.5900	1.31727
13600	5.0274	-1.8200	1.3256	34.1848	7.8326	1.33450
13800	5.0605	-1.8375	1.3603	34.7995	8.3293	1.37023
14000	5.0924	-1.8552	1.3964	35.4310	8.8371	1.40741
14200	5.1230	-1.8727	1.4336	36.0712	9.3485	1.44562
14400	5.1522	-1.8901	1.4714	36.7159	9.8587	1.48449
14500	5.1662	-1.8986	1.4904	37.0370	10.1107	1.50401
14600	5.1797	-1.9071	1.5094	37.3563	10.3598	1.52352
14800	5.2055	-1.9238	1.5471	37.9862	10.8454	1.56223
15000	5.2295	-1.9399	1.5841	38.5980	11.3086	1.60013
15200	5.2517	-1.9554	1.6199	39.1864	11.7444	1.63681
15400	5.2720	-1.9701	1.6542	39.7452	12.1474	1.67182
15500	5.2815	-1.9772	1.6706	40.0131	12.3359	1.68864
15600	5.2906	-1.9841	1.6866	40.2717	12.5148	1.70490
15800	5.3074	-1.9974	1.7169	40.7625	12.8441	1.73578
16000	5.3225	-2.0099	1.7450	41.2169	13.1350	1.76435
16200	5.3362	-2.0217	1.7708	41.6338	13.3871	1.79047
16400	5.3485	-2.0327	1.7943	42.0142	13.6022	1.81420
16500	5.3541	-2.0380	1.8051	42.1914	13.6965	1.82518
16600	5.3594	-2.0431	1.8155	42.3605	13.7825	1.83561
16800	5.3693	-2.0528	1.8346	42.6741	13.9302	1.85480
17000	5.3781	-2.0620	1.8517	42.9582	14.0487	1.87194
17200	5.3860	-2.0707	1.8670	43.2154	14.1409	1.88718
17400	5.3932	-2.0789	1.8806	43.4486	14.2103	1.90072
17500	5.3965	-2.0827	1.8868	43.5568	14.2370	1.90689
17600	5.3996	-2.0866	1.8927	43.6604	14.2594	1.91272
17800	5.4055	-2.0939	1.9035	43.8538	14.2916	1.92337
18000	5.4109	-2.1010	1.9131	44.0314	14.3093	1.93284
18200	5.4159	-2.1078	1.9218	44.1956	14.3153	1.94129
18400	5.4205	-2.1143	1.9296	44.3486	14.3119	1.94888
18500	5.4227	-2.1174	1.9332	44.4216	14.3073	1.95239
18600	5.4249	-2.1206	1.9367	44.4928	14.3012	1.95574
18800	5.4290	-2.1267	1.9432	44.6294	14.2851	1.96202
19000	5.4330	-2.1326	1.9492	44.7609	14.2655	1.96782
19200	5.4369	-2.1384	1.9549	44.8889	14.2443	1.97329
19400	5.4408	-2.1441	1.9603	45.0148	14.2227	1.97851
19500	5.4427	-2.1469	1.9630	45.0777	14.2125	1.98107
19600	5.4446	-2.1497	1.9656	45.1404	14.2025	1.98360
19800	5.4485	-2.1553	1.9709	45.2676	14.1854	1.98867
20000	5.4525	-2.1609	1.9762	45.3971	14.1724	1.99380
20500	5.4631	-2.1746	1.9903	45.7423	14.1680	2.00759
21000	5.4752	-2.1887	2.0069	46.1372	14.2211	2.02398
21500	5.4894	-2.2034	2.0274	46.6046	14.3521	2.04449
22000	5.5062	-2.2188	2.0532	47.1640	14.5795	2.07056
22500	5.5259	-2.2354	2.0856	47.8344	14.9186	2.10349
23000	5.5486	-2.2531	2.1254	48.6237	15.3757	2.14407

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23500	5.5738	-2.2721	2.1730	49.5341	15.9490	2.19266
24000	5.6010	-2.2921	2.2278	50.5520	16.6241	2.24873
24500	5.6292	-2.3128	2.2888	51.6556	17.3773	2.31109
25000	5.6574	-2.3338	2.3541	52.8136	18.1760	2.37790
25500	5.6849	-2.3546	2.4216	53.9880	18.9827	2.44679
26000	5.7108	-2.3749	2.4888	55.1429	19.7617	2.51538
26500	5.7346	-2.3944	2.5537	56.2469	20.4824	2.58145
27000	5.7561	-2.4127	2.6144	57.2735	21.1203	2.64312
27500	5.7751	-2.4298	2.6698	58.2102	21.6647	2.69928
28000	5.7918	-2.4457	2.7195	59.0526	22.1123	2.74939
28500	5.8064	-2.4603	2.7632	59.8028	22.4680	2.79341
29000	5.8192	-2.4738	2.8015	60.4706	22.7426	2.83183
29500	5.8306	-2.4864	2.8351	61.0700	22.9514	2.86537
30000	5.8409	-2.4982	2.8648	61.6150	23.1094	2:89495
30500	5.8504	-2.5094	2.8916	62.1224	23.2338	2.92156
31000	5.8595	-2.5202	2.9165	62.6076	23.3402	2.94620
31500	5.8683	-2.5307	2.9403	63.0856	23.4436	2.96985
32000	5.8773	-2.5411	2.9641	63.5696	23.5578	2.99342
32500	5.8865	-2.5514	2.9886	64.0732	23.6949	3.01781
33000	5.8963	-2.5618	3.0146	64.6073	23.8660	3.04379
33500	5.9067	-2.5723	3.0428	65.1810	24.0795	3.07205
34000	5.9178	-2.5831	3.0738	65.8022	24.3421	3.10316
34500	5.9298	-2.5943	3.1079	66.4760	24.6581	3.13751
35000	5.9425	-2.6057	3.1452	67.2016	25.0265	3.17524

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8744	0.0596	0.9992	18.3935	2.4961	1.00000
400	2.9997	-0.0656	1.0000	19.1142	2.4983	1.00000
500	3.0968	-0.1627	1.0002	19.6727	2.4992	1.00000
600	3.1760	-0.2419	1.0003	20.1288	2.4997	1.00000
700	3.2430	-0.3089	1.0003	20.5144	2.4999	1.00000
800	3.3010	-0.3668	1.0003	20.8483	2.5000	1.00000
900	3.3522	-0.4180	1.0003	21.1429	2.5001	1.00000
1000	3.3980	-0.4642	1.0003	21.4054	2.5001	1.00000
1200	3.4772	-0.5433	1.0003	21.8612	2.5002	1.00000
1400	3.5441	-0.6102	1.0003	22.2466	2.5002	1.00000
1500	3.5741	-0.6402	1.0003	22.4191	2.5002	1.00000
1600	3.6021	-0.6682	1.0002	22.5804	2.5001	1.00000
1800	3.6532	-0.7193	1.0002	22.8749	2.5002	1.00000
2000	3.6990	-0.7651	1.0002	23.1383	2.5002	1.00000
2200	3.7404	-0.8065	1.0002	23.3766	2.5002	1.00000
2400	3.7782	-0.8443	1.0002	23.5942	2.5002	1.00000
2500	3.7959	-0.8620	1.0002	23.6963	2.5001	1.00000
2600	3.8129	-0.8791	1.0002	23.7944	2.5001	1.00000
2800	3.8451	-0.9112	1.0001	23.9795	2.5001	1.00000
3000	3.8751	-0.9412	1.0001	24.1521	2.5001	1.00000
3200	3.9031	-0.9692	1.0001	24.3133	2.5001	1.00000
3400	3.9294	-0.9955	1.0001	24.4649	2.5001	1.00000
3500	3.9420	-1.0081	1.0001	24.5374	2.5001	1.00000
3600	3.9543	-1.0204	1.0001	24.6079	2.5001	1.00000
3800	3.9777	-1.0438	1.0001	24.7429	2.5001	1.00000
4000	4.0000	-1.0661	1.0001	24.8713	2.5001	1.00000
4200	4.0212	-1.0873	1.0001	24.9933	2.5001	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0414	-1.1075	1.0001	25.1096	2.5001	1.00000
4500	4.0512	-1.1172	1.0001	25.1657	2.5001	1.00000
4600	4.0607	-1.1268	1.0001	25.2207	2.5001	1.00000
4800	4.0792	-1.1453	1.0001	25.3271	2.5001	1.00000
5000	4.0969	-1.1630	1.0001	25.4291	2.5001	1.00000
5200	4.1140	-1.1800	1.0001	25.5271	2.5001	1.00000
5400	4.1304	-1.1964	1.0001	25.6216	2.5002	1.00000
5500	4.1384	-1.2044	1.0001	25.6676	2.5003	1.00000
5600	4.1462	-1.2122	1.0001	25.7127	2.5003	1.00001
5800	4.1615	-1.2275	1.0001	25.8007	2.5005	1.00001
6000	4.1762	-1.2422	1.0001	25.8857	2.5008	1.00002
6200	4.1905	-1.2564	1.0001	25.9681	2.5012	1.00003
6400	4.2045	-1.2702	1.0001	26.0482	2.5019	1.00006
6500	4.2113	-1.2770	1.0001	26.0876	2.5024	1.00008
6600	4.2180	-1.2836	1.0002	26.1263	2.5030	1.00010
6800	4.2312	-1.2966	1.0002	26.2026	2.5045	1.00015
7000	4.2442	-1.3092	1.0003	26.2774	2.5067	1.00023
7200	4.2570	-1.3215	1.0004	26.3510	2.5097	1.00035
7400	4.2696	-1.3335	1.0006	26.4240	2.5138	1.00050
7500	4.2758	-1.3394	1.0007	26.4604	2.5164	1.00061
7600	4.2821	-1.3452	1.0008	26.4966	2.5193	1.00072
7800	4.2946	-1.3566	1.0011	26.5695	2.5265	1.00102
8000	4.3072	-1.3677	1.0014	26.6428	2.5359	1.00142
8200	4.3200	-1.3787	1.0020	26.7177	2.5480	1.00193
8400	4.3331	-1.3894	1.0026	26.7944	2.5632	1.00260
8500	4.3397	-1.3947	1.0030	26.8338	2.5722	1.00300
8600	4.3465	-1.4000	1.0035	26.8741	2.5823	1.00345
8800	4.3604	-1.4104	1.0045	26.9572	2.6058	1.00453
9000	4.3750	-1.4208	1.0059	27.0450	2.6347	1.00589
9200	4.3902	-1.4310	1.0075	27.1381	2.6697	1.00756
9400	4.4064	-1.4413	1.0095	27.2381	2.7117	1.00962
9500	4.4148	-1.4463	1.0107	27.2907	2.7355	1.01081
9600	4.4234	-1.4515	1.0120	27.3457	2.7616	1.01212
9800	4.4416	-1.4617	1.0150	27.4623	2.8208	1.01513
10000	4.4609	-1.4719	1.0185	27.5892	2.8901	1.01874
10200	4.4815	-1.4823	1.0227	27.7282	2.9710	1.02302
10400	4.5034	-1.4929	1.0276	27.8805	3.0647	1.02808
10500	4.5149	-1.4983	1.0304	27.9622	3.1168	1.03092
10600	4.5267	-1.5036	1.0334	28.0476	3.1725	1.03400
10800	4.5514	-1.5145	1.0402	28.2312	3.2957	1.04090
11000	4.5774	-1.5257	1.0479	28.4330	3.4359	1.04887
11200	4.6048	-1.5372	1.0569	28.6548	3.5944	1.05806
11400	4.6336	-1.5491	1.0671	28.8983	3.7727	1.06857
11500	4.6484	-1.5552	1.0728	29.0288	3.8697	1.07437
11600	4.6635	-1.5613	1.0788	29.1650	3.9721	1.08053
11800	4.6945	-1.5741	1.0919	29.4568	4.1942	1.09406
12000	4.7266	-1.5872	1.1067	29.7752	4.4399	1.10929
12200	4.7594	-1.6008	1.1232	30.1214	4.7106	1.12633
12400	4.7930	-1.6149	1.1416	30.4967	5.0069	1.14529
12500	4.8100	-1.6222	1.1515	30.6955	5.1648	1.15552
12600	4.8270	-1.6295	1.1619	30.9016	5.3293	1.16625
12800	4.8614	-1.6446	1.1842	31.3372	5.6782	1.18929
13000	4.8959	-1.6603	1.2086	31.8033	6.0533	1.21446
13200	4.9304	-1.6763	1.2350	32.2987	6.4534	1.24175
13400	4.9645	-1.6927	1.2635	32.8228	6.8772	1.27113

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	4.9814	-1.7010	1.2784	33.0949	7.0973	1.28657
13600	4.9982	-1.7094	1.2938	33.3730	7.3223	1.30249
13800	5.0312	-1.7264	1.3260	33.9467	7.7858	1.33570
14000	5.0633	-1.7436	1.3597	34.5399	8.2635	1.37053
14200	5.0943	-1.7608	1.3947	35.1474	8.7503	1.40668
14400	5.1241	-1.7779	1.4308	35.7644	9.2415	1.44384
14500	5.1385	-1.7864	1.4490	36.0743	9.4868	1.46268
14600	5.1525	-1.7950	1.4674	36.3848	9.7311	1.48163
14800	5.1794	-1.8116	1.5043	37.0010	10.2120	1.51955
15000	5.2046	-1.8278	1.5409	37.6078	10.6785	1.55723
15200	5.2282	-1.8437	1.5769	38.1994	11.1254	1.59421
15400	5.2500	-1.8588	1.6118	38.7686	11.5464	1.63004
15500	5.2602	-1.8662	1.6288	39.0437	11.7463	1.64743
15600	5.2700	-1.8733	1.6453	39.3111	11.9376	1.66436
15800	5.2884	-1.8872	1.6772	39.8239	12.2961	1.69690
16000	5.3052	-1.9004	1.7071	40.3044	12.6198	1.72742
16200	5.3204	-1.9128	1.7349	40.7504	12.9073	1.75576
16400	5.3340	-1.9245	1.7606	41.1612	13.1584	1.78181
16500	5.3404	-1.9301	1.7726	41.3544	13.2711	1.79401
16600	5.3464	-1.9355	1.7841	41.5390	13.3752	1.80564
16800	5.3575	-1.9459	1.8054	41.8834	13.5586	1.82722
17000	5.3675	-1.9557	1.8248	42.1973	13.7111	1.84669
17200	5.3765	-1.9649	1.8422	42.4826	13.8351	1.86416
17400	5.3846	-1.9736	1.8578	42.7420	13.9338	1.87979
17500	5.3884	-1.9777	1.8650	42.8622	13.9742	1.88694
17600	5.3919	-1.9818	1.8718	42.9778	14.0099	1.89372
17800	5.3986	-1.9895	1.8843	43.1921	14.0660	1.90613
18000	5.4047	-1.9970	1.8955	43.3889	14.1051	1.91720
18200	5.4102	-2.0041	1.9056	43.5696	14.1299	1.92707
18400	5.4153	-2.0109	1.9146	43.7369	14.1427	1.93592
18500	5.4178	-2.0142	1.9188	43.8161	14.1451	1.94000
18600	5.4201	-2.0175	1.9228	43.8931	14.1457	1.94388
18800	5.4246	-2.0237	1.9302	44.0391	14.1407	1.95108
19000	5.4289	-2.0299	1.9371	44.1782	14.1302	1.95767
19200	5.4330	-2.0359	1.9434	44.3117	14.1157	1.96377
19400	5.4370	-2.0417	1.9493	44.4407	14.0986	1.96948
19500	5.4389	-2.0445	1.9522	44.5043	14.0899	1.97223
19600	5.4409	-2.0474	1.9550	44.5675	14.0809	1.97492
19800	5.4448	-2.0530	1.9605	44.6933	14.0639	1.98018
20000	5.4487	-2.0586	1.9659	44.8198	14.0491	1.98537
20500	5.4588	-2.0723	1.9796	45.1472	14.0301	1.99867
21000	5.4700	-2.0861	1.9948	45.5092	14.0538	2.01359
21500	5.4829	-2.1003	2.0129	45.9269	14.1400	2.03161
22000	5.4980	-2.1150	2.0353	46.4207	14.3071	2.05413
22500	5.5157	-2.1308	2.0633	47.0096	14.5716	2.08247
23000	5.5362	-2.1475	2.0978	47.7052	14.9434	2.11763
23500	5.5593	-2.1654	2.1395	48.5144	15.4259	2.16024
24000	5.5847	-2.1843	2.1884	49.4321	16.0127	2.21028
24500	5.6116	-2.2041	2.2438	50.4446	16.6885	2.26710
25000	5.6392	-2.2245	2.3047	51.5293	17.4283	2.32942
25500	5.6666	-2.2451	2.3690	52.6537	18.1998	2.39528
26000	5.6930	-2.2654	2.4347	53.7844	18.9695	2.46251
26500	5.7178	-2.2851	2.4997	54.8884	19.7053	2.52887
27000	5.7406	-2.3039	2.5620	55.9384	20.3806	2.59242
27500	5.7611	-2.3217	2.6202	56.9142	20.9773	2.65161

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.7793	-2.3383	2.6734	57.8055	21.4857	2.70551
28500	5.7954	-2.3536	2.7211	58.6080	21.9042	2.75364
29000	5.8095	-2.3678	2.7633	59.3265	22.2391	2.79612
29500	5.8220	-2.3811	2.8005	59.9712	22.5008	2.83342
30000	5.8332	-2.3934	2.8333	60.5522	22.7023	2.86620
30500	5.8434	-2.4050	2.8626	61.0854	22.8590	2.89534
31000	5.8528	-2.4162	2.8892	61.5851	22.9858	2.92178
31500	5.8619	-2.4269	2.9141	62.0651	23.0970	2.94641
32000	5.8708	-2.4372	2.9380	62.5388	23.2063	2.97017
32500	5.8797	-2.4475	2.9620	63.0200	23.3268	2.99394
33000	5.8890	-2.4577	2.9867	63.5199	23.4693	3.01851
33500	5.8988	-2.4680	3.0128	64.0486	23.6443	3.04461
34000	5.9091	-2.4785	3.0410	64.6147	23.8589	3.07290
34500	5.9202	-2.4892	3.0718	65.2260	24.1198	3.10388
35000	5.9320	-2.5002	3.1055	65.8840	24.4289	3.13787

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8742	0.1597	0.9990	18.1624	2.4951	1.00000
400	2.9996	0.0344	1.0000	18.8835	2.4979	1.00000
500	3.0967	-0.0627	1.0003	19.4422	2.4990	1.00000
600	3.1760	-0.1419	1.0004	19.8984	2.4996	1.00000
700	3.2430	-0.2089	1.0004	20.2840	2.4999	1.00000
800	3.3010	-0.2669	1.0004	20.6180	2.5000	1.00000
900	3.3522	-0.3180	1.0004	20.9126	2.5001	1.00000
1000	3.3980	-0.3642	1.0004	21.1751	2.5002	1.00000
1200	3.4772	-0.4434	1.0004	21.6310	2.5003	1.00000
1400	3.5441	-0.5102	1.0003	22.0163	2.5002	1.00000
1500	3.5741	-0.5402	1.0003	22.1888	2.5002	1.00000
1600	3.6021	-0.5682	1.0003	22.3500	2.5002	1.00000
1800	3.6532	-0.6194	1.0003	22.6446	2.5002	1.00000
2000	3.6990	-0.6652	1.0002	22.9082	2.5003	1.00000
2200	3.7404	-0.7065	1.0002	23.1463	2.5002	1.00000
2400	3.7782	-0.7443	1.0002	23.3639	2.5002	1.00000
2500	3.7959	-0.7620	1.0002	23.4660	2.5002	1.00000
2600	3.8129	-0.7791	1.0002	23.5641	2.5002	1.00000
2800	3.8451	-0.8112	1.0002	23.7493	2.5002	1.00000
3000	3.8751	-0.8412	1.0002	23.9219	2.5002	1.00000
3200	3.9031	-0.8692	1.0002	24.0831	2.5001	1.00000
3400	3.9294	-0.8956	1.0002	24.2347	2.5001	1.00000
3500	3.9420	-0.9081	1.0001	24.3071	2.5001	1.00000
3600	3.9543	-0.9204	1.0001	24.3777	2.5001	1.00000
3800	3.9777	-0.9438	1.0001	24.5127	2.5001	1.00000
4000	4.0000	-0.9661	1.0001	24.6410	2.5001	1.00000
4200	4.0212	-0.9873	1.0001	24.7630	2.5001	1.00000
4400	4.0414	-1.0075	1.0001	24.8793	2.5001	1.00000
4500	4.0512	-1.0173	1.0001	24.9356	2.5001	1.00000
4600	4.0607	-1.0268	1.0001	24.9904	2.5001	1.00000
4800	4.0792	-1.0453	1.0001	25.0969	2.5001	1.00000
5000	4.0969	-1.0630	1.0001	25.1989	2.5002	1.00000
5200	4.1140	-1.0801	1.0001	25.2970	2.5002	1.00000
5400	4.1304	-1.0964	1.0001	25.3913	2.5002	1.00000
5500	4.1384	-1.1044	1.0001	25.4373	2.5003	1.00000
5600	4.1462	-1.1122	1.0001	25.4824	2.5003	1.00001

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.1614	-1.1275	1.0001	25.5704	2.5004	1.00001
6000	4.1762	-1.1422	1.0001	25.6553	2.5008	1.00002
6200	4.1905	-1.1564	1.0001	25.7377	2.5011	1.00003
6400	4.2044	-1.1702	1.0001	25.8177	2.5017	1.00006
6500	4.2112	-1.1770	1.0001	25.8571	2.5021	1.00007
6600	4.2179	-1.1836	1.0002	25.8957	2.5026	1.00009
6800	4.2312	-1.1966	1.0002	25.9718	2.5041	1.00014
7000	4.2441	-1.2092	1.0003	26.0463	2.5059	1.00020
7200	4.2568	-1.2215	1.0004	26.1197	2.5087	1.00031
7400	4.2693	-1.2334	1.0005	26.1921	2.5124	1.00044
7500	4.2755	-1.2393	1.0006	26.2282	2.5146	1.00054
7600	4.2817	-1.2451	1.0007	26.2641	2.5173	1.00064
7800	4.2941	-1.2565	1.0010	26.3361	2.5237	1.00091
8000	4.3066	-1.2676	1.0013	26.4084	2.5321	1.00126
8200	4.3191	-1.2786	1.0018	26.4818	2.5428	1.00172
8400	4.3319	-1.2893	1.0023	26.5568	2.5564	1.00231
8500	4.3384	-1.2946	1.0027	26.5951	2.5644	1.00267
8600	4.3450	-1.2998	1.0031	26.6342	2.5734	1.00308
8800	4.3585	-1.3102	1.0041	26.7145	2.5944	1.00404
9000	4.3726	-1.3205	1.0052	26.7989	2.6202	1.00525
9200	4.3873	-1.3307	1.0067	26.8880	2.6514	1.00675
9400	4.4027	-1.3408	1.0085	26.9829	2.6889	1.00858
9500	4.4107	-1.3458	1.0096	27.0327	2.7102	1.00964
9600	4.4190	-1.3509	1.0107	27.0847	2.7334	1.01081
9800	4.4363	-1.3609	1.0133	27.1942	2.7863	1.01350
10000	4.4546	-1.3711	1.0165	27.3131	2.8482	1.01672
10200	4.4740	-1.3813	1.0202	27.4425	2.9204	1.02055
10400	4.4947	-1.3916	1.0247	27.5836	3.0041	1.02506
10500	4.5056	-1.3969	1.0271	27.6592	3.0506	1.02761
10600	4.5167	-1.4020	1.0298	27.7380	3.1004	1.03036
10800	4.5400	-1.4127	1.0358	27.9072	3.2106	1.03652
11000	4.5646	-1.4236	1.0428	28.0924	3.3359	1.04365
11200	4.5905	-1.4347	1.0508	28.2955	3.4777	1.05187
11400	4.6177	-1.4461	1.0599	28.5180	3.6372	1.06128
11500	4.6317	-1.4520	1.0649	28.6370	3.7241	1.06646
11600	4.6461	-1.4580	1.0703	28.7615	3.8159	1.07198
11800	4.6756	-1.4701	1.0821	29.0273	4.0149	1.08410
12000	4.7061	-1.4827	1.0953	29.3170	4.2354	1.09776
12200	4.7375	-1.4957	1.1101	29.6323	4.4786	1.11306
12400	4.7697	-1.5092	1.1266	29.9738	4.7452	1.13011
12500	4.7860	-1.5161	1.1355	30.1548	4.8875	1.13932
12600	4.8025	-1.5231	1.1448	30.3428	5.0360	1.14900
12800	4.8357	-1.5375	1.1650	30.7399	5.3513	1.16981
13000	4.8692	-1.5524	1.1870	31.1656	5.6915	1.19261
13200	4.9027	-1.5677	1.2109	31.6197	6.0558	1.21742
13400	4.9362	-1.5834	1.2368	32.1012	6.4434	1.24424
13500	4.9528	-1.5914	1.2504	32.3516	6.6452	1.25838
13600	4.9694	-1.5995	1.2646	32.6087	6.8526	1.27301
13800	5.0021	-1.6159	1.2942	33.1412	7.2819	1.30368
14000	5.0342	-1.6325	1.3254	33.6947	7.7274	1.33605
14200	5.0654	-1.6493	1.3582	34.2666	8.1862	1.36997
14400	5.0956	-1.6661	1.3922	34.8517	8.6536	1.40513
14500	5.1102	-1.6744	1.4095	35.1476	8.8889	1.42308
14600	5.1246	-1.6828	1.4271	35.4454	9.1247	1.44124
14800	5.1523	-1.6994	1.4626	36.0418	9.5938	1.47793

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15000	5.1785	-1.7156	1.4983	36.6351	10.0554	1.51478
15200	5.2032	-1.7316	1.5338	37.2205	10.5045	1.55145
15400	5.2263	-1.7471	1.5688	37.7912	10.9350	1.58748
15500	5.2373	-1.7547.	1.5860	38.0697	11.1423	1.60515
15600	5.2478	-1.7620	1.6029	38.3419	11.3424	1.62248
15800	5.2677	-1.7763	1.6357	38.8694	11.7230	1.65616
16000	5.2859	-1.7900	1.6669	39.3694	12.0733	1.68819
16200	5.3026	-1.8031	1.6964	39.8393	12.3911	1.71837
16400	5.3178	-1.8153	1.7240	40.2768	12.6753	1.74647
16500	5.3249	-1.8213	1.7370	40.4843	12.8051	1.75976
16600	5.3316	-1.8270	1.7496	40.6830	12.9261	1.77250
16800	5.3440	-1.8381	1.7731	41.0572	13.1441	1.79637
17000	5.3553	-1.8484	1.7946	41.4003	13.3306	1.81814
17200	5.3655	-1.8582	1.8141	41.7137	13.4874	1.83785
17400	5.3746	-1.8674	1.8319	42.0002	13.6171	1.85566
17500	5.3789	-1.8719	1.8401	42.1341	13.6728	1.86388
17600	5.3829	-1.8762	1.8479	42.2619	13.7224	1.87167
17800	5.3905	-1.8844	1.8622	42.4998	13.8052	1.88601
18000	5.3973	-1.8923	1.8752	42.7179	13.8685	1.89887
18200	5.4036	-1.8998	1.8868	42.9180	13.9150	1.91037
18400	5.4093	-1.9069	1.8973	43.1018	13.9468	1.92068
18500	5.4120	-1.9104	1.9021	43.1888	13.9579	1.92543
18600	5.4146	-1.9138	1.9067	43.2725	13.9664	1.92994
18800	5.4195	-1.9204	1.9153	43.4313	13.9758	1.93830
19000	5.4242	-1.9267	1.9231	43.5805	13.9772	1.94588
19200	5.4286	-1.9330	1.9303	43.7223	13.9723	1.95282
19400	5.4328	-1.9389	1.9369	43.8573	13.9628	1.95922
19500	5.4348	-1.9418	1.9401	43.9231	13.9569	1.96226
19600	5.4369	-1.9447	1.9432	43.9880	13.9504	1.96521
19800	5.4408	-1.9505	1.9491	44.1158	13.9365	1.97087
20000	5.4448	-1.9561	1.9548	44.2421	13.9228	1.97633
20500	5.4547	-1.9699	1.9686	44.5602	13.8975	1.98968
21000	5.4653	-1.9836	1.9831	44.8990	13.9012	2.00375
21500	5.4771	-1.9973	1.9995	45.2780	13.9528	2.01994
22000	5.4907	-2.0116	2.0192	45.7179	14.0708	2.03962
22500	5.5067	-2.0265	2.0434	46.2368	14.2715	2.06409
23000	5.5251	-2.0424	2.0733	46.8497	14.5677	2.09449
23500	5.5462	-2.0593	2.1097	47.5655	14.9663	2.13163
24000	5.5696	-2.0772	2.1528	48.3863	15.4669	2.17584
24500	5.5949	-2.0961	2.2026	49.3057	16.0612	2.22697
25000	5.6215	-2.1157	2.2583	50.3067	16.7310	2.28414
25500	5.6484	-2.1358	2.3185	51.3660	17.4517	2.34596
26000	5.6749	-2.1558	2.3815	52.4538	18.1935	2.41059
26500	5.7003	-2.1756	2.4454	53.5392	18.9255	2.47597
27000	5.7241	-2.1948	2.5081	54.5949	19.6209	2.54018
27500	5.7459	-2.2130	2.5681	55.5952	20.2556	2.60137
28000	5.7655	-2.2302	2.6240	56.5243	20.8145	2.65828
28500	5.7830	-2.2462	2.6751	57.3730	21.2907	2.71007
29000	5.7986	-2.2611	2.7210	58.1406	21.6847	2.75647
29500	5.8123	-2.2751	2.7619	58.8320	22.0026	2.79764
30000	5.8245	-2.2880	2.7981	59.4544	22.2533	2.83395
30500	5.8355	-2.3001	2.8304	60.0206	22.4502	2.86613
31000	5.8456	-2.3117	2.8593	60.5440	22.6066	2.89497
31500	5.8550	-2.3226	2.8859	61.0361	22.7360	2.92128
32000	5.8641	-2.3332	2.9108	61.5108	22.8519	2.94596

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
32500	5.8730	-2.3435	2.9349	61.9814	22.9671	2.96987
33000	5.8820	-2.3537	2.9590	62.4591	23.0932	2.99381
33500	5.8913	-2.3639	2.9838	62.9545	23.2403	3.01852
34000	5.9010	-2.3740	3.0100	63.4765	23.4170	3.04469
34500	5.9113	-2.3844	3.0381	64.0342	23.6313	3.07291
35000	5.9222	-2.3950	3.0686	64.6323	23.8877	3.10363

LOG P= 0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8740	0.2598	0.9987	17.9312	2.4938	1.00000
400	2.9995	0.1344	0.9999	18.6527	2.4974	1.00000
500	3.0967	0.0373	1.0004	19.2116	2.4988	1.00000
600	3.1760	-0.0420	1.0005	19.6680	2.4995	1.00000
700	3.2430	-0.1089	1.0006	20.0536	2.4998	1.00000
800	3.3010	-0.1669	1.0005	20.3876	2.5000	1.00000
900	3.3522	-0.2181	1.0005	20.6823	2.5002	1.00000
1000	3.3980	-0.2643	1.0005	20.9448	2.5003	1.00000
1200	3.4772	-0.3434	1.0005	21.4007	2.5003	1.00000
1400	3.5441	-0.4103	1.0004	21.7860	2.5003	1.00000
1500	3.5741	-0.4403	1.0004	21.9586	2.5003	1.00000
1600	3.6021	-0.4683	1.0004	22.1198	2.5003	1.00000
1800	3.6533	-0.5194	1.0003	22.4144	2.5003	1.00000
2000	3.6990	-0.5652	1.0003	22.6779	2.5003	1.00000
2200	3.7404	-0.6065	1.0003	22.9160	2.5003	1.00000
2400	3.7782	-0.6443	1.0003	23.1336	2.5003	1.00000
2500	3.7959	-0.6621	1.0003	23.2358	2.5002	1.00000
2600	3.8130	-0.6791	1.0002	23.3339	2.5002	1.00000
2800	3.8451	-0.7112	1.0002	23.5190	2.5002	1.00000
3000	3.8751	-0.7412	1.0002	23.6915	2.5002	1.00000
3200	3.9031	-0.7692	1.0002	23.8529	2.5002	1.00000
3400	3.9295	-0.7956	1.0002	24.0045	2.5002	1.00000
3500	3.9420	-0.8081	1.0002	24.0768	2.5002	1.00000
3600	3.9543	-0.8204	1.0002	24.1473	2.5002	1.00000
3800	3.9778	-0.8439	1.0002	24.2825	2.5002	1.00000
4000	4.0000	-0.8661	1.0002	24.4107	2.5002	1.00000
4200	4.0212	-0.8873	1.0002	24.5327	2.5001	1.00000
4400	4.0414	-0.9075	1.0001	24.6490	2.5001	1.00000
4500	4.0512	-0.9173	1.0001	24.7054	2.5001	1.00000
4600	4.0607	-0.9268	1.0001	24.7601	2.5001	1.00000
4800	4.0792	-0.9453	1.0001	24.8666	2.5001	1.00000
5000	4.0969	-0.9630	1.0001	24.9685	2.5002	1.00000
5200	4.1140	-0.9801	1.0001	25.0668	2.5002	1.00000
5400	4.1304	-0.9964	1.0001	25.1610	2.5002	1.00000
5500	4.1384	-1.0044	1.0001	25.2070	2.5003	1.00000
5600	4.1462	-1.0122	1.0001	25.2521	2.5003	1.00001
5800	4.1614	-1.0275	1.0001	25.3401	2.5004	1.00001
6000	4.1762	-1.0422	1.0001	25.4250	2.5007	1.00002
6200	4.1905	-1.0564	1.0001	25.5073	2.5010	1.00003
6400	4.2044	-1.0702	1.0001	25.5872	2.5016	1.00004
6500	4.2112	-1.0770	1.0002	25.6266	2.5019	1.00006
6600	4.2179	-1.0836	1.0002	25.6651	2.5024	1.00008
6800	4.2311	-1.0966	1.0002	25.7411	2.5036	1.00012
7000	4.2440	-1.1092	1.0003	25.8154	2.5053	1.00018
7200	4.2566	-1.1215	1.0004	25.8885	2.5078	1.00027

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.2691	-1.1334	1.0005	25.9604	2.5110	1.00040
7500	4.2753	-1.1393	1.0006	25.9962	2.5131	1.00048'
7600	4.2814	-1.1451	1.0007	26.0318	2.5154	1.00057
7800	4.2937	-1.1565	1.0009	26.1030	2.5211	1.00081
8000	4.3060	-1.1676	1.0012	26.1744	2.5286	1.00113
8200	4.3183	-1.1785	1.0016	26.2465	2.5382	1.00153
8400	4.3309	-1.1892	1.0021	26.3200	2.5504	1.00206
8500	4.3372	-1.1945	1.0024	26.3574	2.5575	1.00238
8600	4.3437	-1.1997	1.0028	26.3954	2.5655	1.00275
8800	4.3568	-1.2100	1.0036	26.4733	2.5842	1.00361
9000	4.3704	-1.2202	1.0047	26.5546	2.6072	1.00469
9200	4.3846	-1.2304	1.0060	26.6400	2.6351	1.00602
9400	4.3994	-1.2404	1.0076	26.7305	2.6685	1.00766
9500	4.4071	-1.2454	1.0085	26.7778	2.6876	1.00860
9600	4.4150	-1.2504	1.0096	26.8270	2.7083	1.00964
9800	4.4314	-1.2603	1.0119	26.9302	2.7555	1.01205
10000	4.4488	-1.2704	1.0147	27.0419	2.8109	1.01493
10200	4.4673	-1.2804	1.0181	27.1627	2.8754	1.01834
10400	4.4869	-1.2905	1.0220	27.2940	2.9501	1.02238
10500	4.4971	-1.2956	1.0242	27.3640	2.9916	1.02465
10600	4.5076	-1.3007	1.0266	27.4370	3.0362	1.02710
10800	4.5296	-1.3111	1.0320	27.5931	3.1347	1.03261
11000	4.5528	-1.3216	1.0382	27.7636	3.2467	1.03899
11200	4.5773	-1.3325	1.0453	27.9501	3.3735	1.04634
11400	4.6030	-1.3435	1.0535	28.1537	3.5163	1.05476
11500	4.6163	-1.3491	1.0580	28.2625	3.5940	1.05939
11600	4.6299	-1.3549	1.0627	28.3764	3.6762	1.06433
11800	4.6579	-1.3666	1.0733	28.6190	3.8546	1.07520
12000	4.6869	-1.3786	1.0851	28.8829	4.0522	1.08743
12200	4.7168	-1.3911	1.0983	29.1702	4.2706	1.10118
12400	4.7476	-1.4040	1.1131	29.4813	4.5103	1.11649
12500	4.7633	-1.4105	1.1211	29.6458	4.6382	1.12477
12600	4.7791	-1.4173	1.1295	29.8174	4.7722	1.13350
12800	4.8111	-1.4310	1.1476	30.1792	5.0568	1.15226
13000	4.8435	-1.4452	1.1674	30.5676	5.3645	1.17286
13200	4.8761	-1.4598	1.1891	30.9829	5.6953	1.19536
13400	4.9087	-1.4748	1.2126	31.4241	6.0483	1.21975
13500	4.9250	-1.4825	1.2250	31.6545	6.2331	1.23266
13600	4.9413	-1.4902	1.2379	31.8912	6.4231	1.24604
13800	4.9735	-1.5059	1.2649	32.3828	6.8180	1.27419
14000	5.0053	-1.5219	1.2937	32.8965	7.2308	1.30409
14200	5.0365	-1.5382	1.3241	33.4308	7.6592	1.33564
14400	5.0668	-1.5546	1.3558	33.9809	8.0993	1.36859
14500	5.0816	-1.5628	1.3721	34.2608	8.3224	1.38552
14600	5.0962	-1.5710	1.3887	34.5435	8.5472	1.40273
14800	5.1244	-1.5874	1.4225	35.1145	8.9988	1.43778
15000	5.1515	-1.6035	1.4568	35.6877	9.4485	1.47337
15200	5.1771	-1.6194	1.4914	36.2592	9.8919	1.50920
15400	5.2013	-1.6350	1.5259	36.8230	10.3234	1.54485
15500	5.2129	-1.6427	1.5430	37.1011	10.5339	1.56252
15600	5.2241	-1.6502	1.5599	37.3741	10.7387	1.57997
15800	5.2453	-1.6649	1.5931	37.9083	11.1333	1.61421
16000	5.2649	-1.6790	1.6252	38.4202	11.5028	1.64721
16200	5.2830	-1.6926	1.6559	38.9072	11.8449	1.67873
16400	5.2997	-1.7054	1.6849	39.3666	12.1571	1.70851

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16500	5.3075	-1.7117	1.6988	39.5857	12.3019	1.72272
16600	5.3149	-1.7177	1.7122	39.7970	12.4385	1.73643
16800	5.3287	-1.7293	1.7377	40.1979	12.6888	1.76241
17000	5.3413	-1.7403	1.7612	40.5686	12.9082	1.78635
17200	5.3527	-1.7506	1.7829	40.9100	13.0977	1.80829
17400	5.3631	-1.7604	1.8027	41.2239	13.2593	1.82830
17500	5.3679	-1.7652	1.8119	41.3716	13.3304	1.83762
17600	5.3725	-1.7698	1.8207	41.5121	13.3949	1.84646
17800	5.3810	-1.7785	1.8370	41.7753	13.5062	1.86286
18000	5.3887	-1.7869	1.8518	42.0166	13.5961	1.87764
18200	5.3957	-1.7948	1.8652	42.2381	13.6668	1.89095
18400	5.4022	-1.8023	1.8773	42.4409	13.7203	1.90289
18500	5.4052	-1.8060	1.8829	42.5366	13.7414	1.90841
18600	5.4081	-1.8095	1.8882	42.6285	13.7592	1.91365
18800	5.4136	-1.8165	1.8981	42.8025	13.7858	1.92335
19000	5.4187	-1.8231	1.9071	42.9644	13.8021	1.93211
19200	5.4235	-1.8296	1.9153	43.1170	13.8098	1.94009
19400	5.4280	-1.8357	1.9228	43.2607	13.8105	1.94739
19500	5.4302	-1.8388	1.9264	43.3303	13.8091	1.95082
19600	5.4323	-1.8417	1.9298	43.3981	13.8063	1.95413
19800	5.4365	-1.8476	1.9363	43.5309	13.7989	1.96041
20000	5.4406	-1.8534	1.9425	43.6597	13.7892	1.96634
20500	5.4505	-1.8673	1.9570	43.9759	13.7653	1.98026
21000	5.4608	-1.8810	1.9713	44.2998	13.7576	1.99404
21500	5.4718	-1.8946	1.9866	44.6507	13.7844	2.00903
22000	5.4843	-1.9083	2.0043	45.0473	13.8637	2.02656
22500	5.4987	-1.9227	2.0255	45.5082	14.0114	2.04788
23000	5.5153	-1.9378	2.0515	46.0491	14.2418	2.07420
23500	5.5344	-1.9538	2.0830	46.6809	14.5640	2.10642
24000	5.5558	-1.9707	2.1208	47.4103	14.9828	2.14516
24500	5.5794	-1.9886	2.1651	48.2368	15.4950	2.19061
25000	5.6045	-2.0074	2.2154	49.1500	16.0895	2.24235
25500	5.6305	-2.0268	2.2709	50.1346	16.7487	2.29950
26000	5.6567	-2.0464	2.3302	51.1647	17.4469	2.36055
26500	5.6823	-2.0660	2.3918	52.2149	18.1579	2.42380
27000	5.7068	-2.0852	2.4537	53.2570	18.8539	2.48735
27500	5.7296	-2.1037	2.5143	54.2644	19.5095	2.54934
28000	5.7505	-2.1214	2.5720	55.2186	20.1068	2.60833
28500	5.7694	-2.1381	2.6258	56.1046	20.6325	2.66313
29000	5.7863	-2.1537	2.6751	56.9169	21.0821	2.71312
29500	5.8014	-2.1683	2.7195	57.6541	21.4555	2.75807
30000	5.8148	-2.1819	2.7593	58.3207	21.7589	2.79809
30500	5.8268	-2.1946	2.7947	58.9250	22.0016	2.83363
31000	5.8376	-2.2066	2.8265	59.4785	22.1954	2.86533
31500	5.8476	-2.2179	2.8552	59.9913	22.3521	2.89390
32000	5.8570	-2.2288	2.8816	60.4768	22.4847	2.92015
32500	5.8661	-2.2393	2.9066	60.9470	22.6052	2.94489
33000	5.8750	-2.2495	2.9308	61.4137	22.7258	2.96894
33500	5.8841	-2.2597	2.9551	61.8872	22.8567	2.99302
34000	5.8933	-2.2697	2.9800	62.3769	23.0072	3.01783
34500	5.9030	-2.2798	3.0062	62.8924	23.1855	3.04403
35000	5.9133	-2.2901	3.0342	63.4401	23.3984	3.07213

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8737	0.3600	0.9984	17.6996	2.4922	1.00000
400	2.9994	0.2344	0.9999	18.4218	2.4967	1.00000
500	3.0967	0.1372	1.0004	18.9810	2.4985	1.00000
600	3.1760	0.0580	1.0006	19.4375	2.4994	1.00000
700	3.2430	-0.0090	1.0007	19.8232	2.4998	1.00000
800	3.3010	-0.0670	1.0007	20.1573	2.5000	1.00000
900	3.3522	-0.1181	1.0007	20.4519	2.5002	1.00000
1000	3.3980	-0.1643	1.0007	20.7144	2.5003	1.00000
1200	3.4772	-0.2435	1.0006	21.1704	2.5004	1.00000
1400	3.5441	-0.3103	1.0005	21.5557	2.5004	1.00000
1500	3.5741	-0.3403	1.0005	21.7283	2.5003	1.00000
1600	3.6021	-0.3683	1.0005	21.8896	2.5004	1.00000
1800	3.6533	-0.4195	1.0004	22.1842	2.5004	1.00000
2000	3.6990	-0.4652	1.0004	22.4476	2.5003	1.00000
2200	3.7404	-0.5065	1.0004	22.6858	2.5003	1.00000
2400	3.7782	-0.5443	1.0003	22.9033	2.5003	1.00000
2500	3.7959	-0.5621	1.0003	23.0055	2.5003	1.00000
2600	3.8130	-0.5791	1.0003	23.1035	2.5003	1.00000
2800	3.8451	-0.6113	1.0003	23.2888	2.5003	1.00000
3000	3.8751	-0.6412	1.0003	23.4612	2.5003	1.00000
3200	3.9031	-0.6693	1.0003	23.6226	2.5002	1.00000
3400	3.9295	-0.6956	1.0002	23.7742	2.5002	1.00000
3500	3.9420	-0.7081	1.0002	23.8466	2.5002	1.00000
3600	3.9543	-0.7204	1.0002	23.9171	2.5002	1.00000
3800	3.9778	-0.7439	1.0002	24.0523	2.5002	1.00000
4000	4.0000	-0.7661	1.0002	24.1804	2.5002	1.00000
4200	4.0212	-0.7873	1.0002	24.3024	2.5002	1.00000
4400	4.0414	-0.8075	1.0002	24.4188	2.5002	1.00000
4500	4.0512	-0.8173	1.0002	24.4750	2.5002	1.00000
4600	4.0607	-0.8268	1.0002	24.5298	2.5002	1.00000
4800	4.0792	-0.8453	1.0002	24.6363	2.5002	1.00000
5000	4.0969	-0.8630	1.0002	24.7383	2.5002	1.00000
5200	4.1140	-0.8801	1.0002	24.8366	2.5002	1.00000
5400	4.1304	-0.8965	1.0002	24.9308	2.5002	1.00000
5500	4.1384	-0.9044	1.0001	24.9767	2.5003	1.00000
5600	4.1462	-0.9122	1.0001	25.0219	2.5003	1.00000
5800	4.1614	-0.9275	1.0001	25.1097	2.5004	1.00001
6000	4.1762	-0.9422	1.0001	25.1946	2.5006	1.00002
6200	4.1905	-0.9564	1.0001	25.2770	2.5010	1.00003
6400	4.2044	-0.9702	1.0002	25.3568	2.5014	1.00004
6500	4.2112	-0.9770	1.0002	25.3961	2.5017	1.00006
6600	4.2179	-0.9836	1.0002	25.4346	2.5021	1.00007
6800	4.2310	-0.9966	1.0002	25.5104	2.5033	1.00011
7000	4.2439	-1.0092	1.0003	25.5845	2.5048	1.00016
7200	4.2565	-1.0215	1.0003	25.6574	2.5070	1.00024
7400	4.2689	-1.0334	1.0005	25.7289	2.5099	1.00035
7500	4.2750	-1.0393	1.0005	25.7645	2.5117	1.00043
7600	4.2811	-1.0451	1.0006	25.7998	2.5138	1.00051
7800	4.2933	-1.0564	1.0008	25.8702	2.5189	1.00072
8000	4.3054	-1.0675	1.0011	25.9408	2.5255	1.00100
8200	4.3176	-1.0784	1.0014	26.0118	2.5342	1.00136
8400	4.3300	-1.0891	1.0019	26.0838	2.5450	1.00184
8500	4.3362	-1.0944	1.0022	26.1205	2.5514	1.00212
8600	4.3425	-1.0996	1.0025	26.1575	2.5585	1.00245
8800	4.3553	-1.1099	1.0033	26.2331	2.5752	1.00322

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.3685	-1.1200	1.0042	26.3117	2.5957	1.00418
9200	4.3822	-1.1301	1.0054	26.3939	2.6205	1.00538
9400	4.3964	-1.1401	1.0068	26.4805	2.6504	1.00684
9500	4.4038	-1.1450	1.0076	26.5255	2.6674	1.00767
9600	4.4114	-1.1500	1.0085	26.5722	2.6859	1.00861
9800	4.4271	-1.1598	1.0106	26.6700	2.7281	1.01076
10000	4.4437	-1.1697	1.0132	26.7752	2.7775	1.01332
10200	4.4612	-1.1795	1.0161	26.8883	2.8352	1.01638
10400	4.4797	-1.1895	1.0196	27.0109	2.9020	1.01998
10500	4.4894	-1.1944	1.0216	27.0758	2.9390	1.02201
10600	4.4994	-1.1995	1.0238	27.1436	2.9789	1.02421
10800	4.5201	-1.2096	1.0285	27.2881	3.0669	1.02913
11000	4.5420	-1.2199	1.0341	27.4455	3.1671	1.03483
11200	4.5652	-1.2305	1.0404	27.6171	3.2805	1.04141
11400	4.5894	-1.2412	1.0477	27.8040	3.4083	1.04893
11500	4.6020	-1.2466	1.0517	27.9035	3.4778	1.05308
11600	4.6149	-1.2521	1.0560	28.0076	3.5515	1.05750
11800	4.6414	-1.2634	1.0654	28.2294	3.7113	1.06724
12000	4.6690	-1.2750	1.0760	28.4706	3.8886	1.07820
12200	4.6975	-1.2869	1.0878	28.7321	4.0843	1.09052
12400	4.7269	-1.2993	1.1011	29.0158	4.2998	1.10428
12500	4.7413	-1.3055	1.1082	29.1659	4.4149	1.11172
12600	4.7570	-1.3120	1.1158	29.3220	4.5354	1.11956
12800	4.7877	-1.3251	1.1320	29.6518	4.7918	1.13646
13000	4.8189	-1.3386	1.1498	30.0060	5.0697	1.15505
13200	4.8505	-1.3526	1.1694	30.3853	5.3693	1.17540
13400	4.8822	-1.3668	1.1906	30.7890	5.6900	1.19752
13500	4.8981	-1.3742	1.2019	31.0003	5.8583	1.20926
13600	4.9140	-1.3816	1.2136	31.2176	6.0317	1.22146
13800	4.9456	-1.3966	1.2382	31.6698	6.3933	1.24718
14000	4.9770	-1.4121	1.2646	32.1449	6.7737	1.27466
14200	5.0079	-1.4278	1.2925	32.6411	7.1708	1.30381
14400	5.0381	-1.4436	1.3219	33.1551	7.5817	1.33447
14500	5.0530	-1.4515	1.3371	33.4180	7.7914	1.35031
14600	5.0676	-1.4595	1.3526	33.6843	8.0034	1.36646
14800	5.0962	-1.4756	1.3844	34.2257	8.4328	1.39961
15000	5.1238	-1.4915	1.4171	34.7741	8.8651	1.43359
15200	5.1501	-1.5073	1.4503	35.3252	9.2961	1.46812
15400	5.1753	-1.5228	1.4838	35.8750	9.7216	1.50289
15500	5.1873	-1.5306	1.5005	36.1480	9.9311	1.52027
15600	5.1990	-1.5381	1.5172	36.4183	10.1369	1.53756
15800	5.2214	-1.5531	1.5502	36.9508	10.5377	1.57178
16000	5.2423	-1.5675	1.5826	37.4673	10.9192	1.60521
16200	5.2618	-1.5814	1.6139	37.9643	11.2785	1.63755
16400	5.2798	-1.5948	1.6440	38.4392	11.6129	1.66856
16500	5.2883	-1.6012	1.6585	38.6671	11.7699	1.68348
16600	5.2964	-1.6075	1.6726	38.8885	11.9197	1.69799
16800	5.3116	-1.6197	1.6997	39.3115	12.1983	1.72571
17000	5.3255	-1.6312	1.7250	39.7065	12.4476	1.75159
17200	5.3382	-1.6422	1.7485	40.0738	12.6681	1.77559
17400	5.3498	-1.6526	1.7703	40.4143	12.8609	1.79771
17500	5.3552	-1.6576	1.7805	40.5744	12.9470	1.80808
17600	5.3603	-1.6624	1.7903	40.7279	13.0267	1.81797
17800	5.3699	-1.6718	1.8086	41.0170	13.1677	1.83647
18000	5.3786	-1.6806	1.8253	41.2821	13.2852	1.85325

LOG P= 0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.3866	-1.6890	1.8405	41.5262	13.3820	1.86847
18400	5.3939	-1.6970	1.8543	41.7504	13.4597	1.88222
18500	5.3973	-1.7008	1.8607	41.8559	13.4921	1.88859
18600	5.4005	-1.7046	1.8668	41.9574	13.5207	1.89465
18800	5.4066	-1.7119	1.8782	42.1488	13.5671	1.90588
19000	5.4123	-1.7189	1.8885	42.3261	13.6007	1.91604
19200	5.4176	-1.7256	1.8980	42.4917	13.6238	1.92525
19400	5.4225	-1.7321	1.9066	42.6470	13.6378	1.93365
19500	5.4249	-1.7352	1.9106	42.7213	13.6420	1.93757
19600	5.4272	-1.7383	1.9145	42.7938	13.6447	1.94133
19800	5.4317	-1.7444	1.9219	42.9339	13.6462	1.94843
20000	5.4360	-1.7503	1.9287	43.0683	13.6435	1.95503
20500	5.4462	-1.7645	1.9444	43.3900	13.6284	1.97005
21000	5.4563	-1.7782	1.9590	43.7070	13.6173	1.98409
21500	5.4669	-1.7918	1.9738	44.0389	13.6283	1.99847
22000	5.4785	-1.8053	1.9901	44.4024	13.6785	2.01448
22500	5.4915	-1.8191	2.0090	44.8162	13.7836	2.03337
23000	5.5066	-1.8336	2.0317	45.2959	13.9587	2.05629
23500	5.5238	-1.8488	2.0592	45.8544	14.2144	2.08426
24000	5.5433	-1.8648	2.0922	46.5010	14.5583	2.11806
24500	5.5650	-1.8818	2.1312	47.2388	14.9918	2.15812
25000	5.5885	-1.8996	2.1761	48.0643	15.5094	2.20443
25500	5.6133	-1.9182	2.2266	49.9674	16.0993	2.25646
26000	5.6388	-1.9372	2.2816	49.9289	16.7423	2.31319
26500	5.6642	-1.9564	2.3399	50.9284	17.4163	2.37326
27000	5.6889	-1.9755	2.3998	51.9397	18.0957	2.43497
27500	5.7125	-1.9942	2.4598	52.9376	18.7559	2.49658
28000	5.7344	-2.0123	2.5182	53.9016	19.3763	2.55657
28500	5.7546	-2.0294	2.5739	54.8128	19.9392	2.61349
29000	5.7728	-2.0457	2.6258	55.6606	20.4360	2.66641
29500	5.7892	-2.0609	2.6734	56.4386	20.8611	2.71474
30000	5.8038	-2.0752	2.7165	57.1482	21.2170	2.75836
30500	5.8169	-2.0884	2.7552	57.7925	21.5086	2.79739
31000	5.8287	-2.1010	2.7901	58.3811	21.7453	2.83229
31500	5.8395	-2.1128	2.8214	58.9221	21.9368	2.86360
32000	5.8494	-2.1240	2.8499	59.4271	22.0950	2.89202
32500	5.8588	-2.1347	2.8764	59.9069	22.2312	2.91828
33000	5.8679	-2.1452	2.9014	60.3727	22.3564	2.94314
33500	5.8769	-2.1553	2.9258	60.8350	22.4817	2.96731
34000	5.8859	-2.1653	2.9502	61.3036	22.6163	2.99151
34500	5.8952	-2.1753	2.9751	61.7880	22.7692	3.01640
35000	5.9048	-2.1853	3.0013	62.2952	22.9477	3.04255

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8733	0.4601	0.9980	17.4677	2.4901	1.00000
400	2.9993	0.3344	0.9999	18.1908	2.4959	1.00000
500	3.0966	0.2372	1.0006	18.7502	2.4981	1.00000
600	3.1760	0.1579	1.0008	19.2068	2.4992	1.00000
700	3.2430	0.0909	1.0009	19.5927	2.4997	1.00000
800	3.3010	0.0329	1.0009	19.9268	2.5001	1.00000
900	3.3522	-0.0182	1.0009	20.2215	2.5002	1.00000
1000	3.3980	-0.0644	1.0008	20.4840	2.5003	1.00000
1200	3.4772	-0.1435	1.0007	20.9400	2.5004	1.00000

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5442	-0.2104	1.0007	21.3254	2.5005	1.00000
1500	3.5741	-0.2404	1.0006	21.4980	2.5004	1.00000
1600	3.6022	-0.2684	1.0006	21.6593	2.5005	1.00000
1800	3.6533	-0.3195	1.0006	21.9539	2.5005	1.00000
2000	3.6990	-0.3652	1.0005	22.2172	2.5004	1.00000
2200	3.7404	-0.4066	1.0005	22.4556	2.5004	1.00000
2400	3.7782	-0.4444	1.0004	22.6731	2.5004	1.00000
2500	3.7960	-0.4621	1.0004	22.7751	2.5004	1.00000
2600	3.8130	-0.4792	1.0004	22.8733	2.5004	1.00000
2800	3.8452	-0.5113	1.0004	23.0586	2.5004	1.00000
3000	3.8751	-0.5412	1.0003	23.2309	2.5003	1.00000
3200	3.9031	-0.5693	1.0003	23.3924	2.5003	1.00000
3400	3.9295	-0.5956	1.0003	23.5439	2.5003	1.00000
3500	3.9421	-0.6082	1.0003	23.6164	2.5003	1.00000
3600	3.9543	-0.6204	1.0003	23.6867	2.5003	1.00000
3800	3.9778	-0.6439	1.0003	23.8220	2.5003	1.00000
4000	4.0000	-0.6662	1.0003	23.9503	2.5002	1.00000
4200	4.0212	-0.6874	1.0002	24.0723	2.5002	1.00000
4400	4.0414	-0.7075	1.0002	24.1885	2.5002	1.00000
4500	4.0512	-0.7173	1.0002	24.2447	2.5002	1.00000
4600	4.0607	-0.7268	1.0002	24.2995	2.5002	1.00000
4800	4.0792	-0.7453	1.0002	24.4061	2.5002	1.00000
5000	4.0969	-0.7630	1.0002	24.5080	2.5002	1.00000
5200	4.1140	-0.7801	1.0002	24.6062	2.5002	1.00000
5400	4.1304	-0.7965	1.0002	24.7006	2.5003	1.00000
5500	4.1383	-0.8044	1.0002	24.7464	2.5003	1.00000
5600	4.1462	-0.8123	1.0002	24.7917	2.5003	1.00000
5800	4.1615	-0.8275	1.0002	24.8794	2.5005	1.00001
6000	4.1762	-0.8422	1.0002	24.9643	2.5006	1.00001
6200	4.1905	-0.8565	1.0002	25.0467	2.5009	1.00002
6400	4.2044	-0.8703	1.0002	25.1265	2.5013	1.00004
6500	4.2111	-0.8770	1.0002	25.1656	2.5016	1.00004
6600	4.2178	-0.8836	1.0002	25.2041	2.5020	1.00006
6800	4.2310	-0.8966	1.0002	25.2798	2.5030	1.00010
7000	4.2438	-0.9092	1.0003	25.3537	2.5043	1.00014
7200	4.2564	-0.9215	1.0004	25.4263	2.5062	1.00022
7400	4.2687	-0.9334	1.0004	25.4975	2.5088	1.00031
7500	4.2748	-0.9393	1.0005	25.5329	2.5105	1.00038
7600	4.2809	-0.9451	1.0006	25.5680	2.5123	1.00046
7800	4.2930	-0.9564	1.0008	25.6378	2.5169	1.00065
8000	4.3050	-0.9675	1.0010	25.7075	2.5228	1.00090
8200	4.3170	-0.9784	1.0013	25.7776	2.5305	1.00122
8400	4.3291	-0.9890	1.0017	25.8483	2.5402	1.00165
8500	4.3353	-0.9943	1.0020	25.8842	2.5459	1.00190
8600	4.3414	-0.9995	1.0023	25.9204	2.5522	1.00219
8800	4.3539	-1.0097	1.0029	25.9940	2.5671	1.00287
9000	4.3668	-1.0198	1.0038	26.0703	2.5854	1.00373
9200	4.3800	-1.0299	1.0048	26.1495	2.6076	1.00480
9400	4.3938	-1.0398	1.0061	26.2326	2.6343	1.00610
9500	4.4009	-1.0446	1.0068	26.2756	2.6494	1.00685
9600	4.4081	-1.0496	1.0077	26.3201	2.6660	1.00769
9800	4.4232	-1.0594	1.0095	26.4130	2.7037	1.00960
10000	4.4390	-1.0691	1.0118	26.5123	2.7478	1.01190
10200	4.4557	-1.0788	1.0144	26.6187	2.7993	1.01462
10400	4.4733	-1.0886	1.0175	26.7334	2.8590	1.01785

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.4824	-1.0935	1.0193	26.7940	2.8922	1.01965
10600	4.4918	-1.0984	1.0212	26.8571	2.9277	1.02162
10800	4.5115	-1.1083	1.0255	26.9912	3.0064	1.02602
11000	4.5322	-1.1184	1.0304	27.1367	3.0960	1.03111
11200	4.5540	-1.1286	1.0361	27.2950	3.1975	1.03700
11400	4.5770	-1.1391	1.0426	27.4670	3.3119	1.04373
11500	4.5889	-1.1443	1.0462	27.5583	3.3742	1.04744
11600	4.6010	-1.1496	1.0500	27.6537	3.4401	1.05140
11800	4.6262	-1.1605	1.0584	27.8568	3.5832	1.06012
12000	4.6523	-1.1717	1.0678	28.0775	3.7422	1.06995
12200	4.6794	-1.1831	1.0784	28.3160	3.9177	1.08099
12400	4.7074	-1.1950	1.0903	28.5750	4.1112	1.09334
12500	4.7217	-1.2010	1.0967	28.7121	4.2148	1.10003
12600	4.7361	-1.2071	1.1034	28.8541	4.3229	1.10707
12800	4.7656	-1.2197	1.1180	29.1550	4.5539	1.12227
13000	4.7956	-1.2325	1.1340	29.4778	4.8045	1.13902
13200	4.8260	-1.2459	1.1516	29.8241	5.0753	1.15739
13400	4.8568	-1.2596	1.1708	30.1934	5.3661	1.17742
13500	4.8722	-1.2665	1.1809	30.3864	5.5188	1.18807
13600	4.8876	-1.2737	1.1915	30.5860	5.6769	1.19916
13800	4.9185	-1.2880	1.2139	31.0009	6.0067	1.22258
14000	4.9493	-1.3028	1.2379	31.4387	6.3555	1.24772
14200	4.9797	-1.3179	1.2635	31.8971	6.7211	1.27449
14400	5.0097	-1.3331	1.2905	32.3747	7.1021	1.30283
14500	5.0245	-1.3408	1.3046	32.6200	7.2975	1.31754
14600	5.0392	-1.3486	1.3190	32.8692	7.4959	1.33259
14800	5.0679	-1.3642	1.3487	33.3782	7.9001	1.36363
15000	5.0957	-1.3798	1.3794	33.8979	8.3109	1.39574
15200	5.1226	-1.3953	1.4109	34.4240	8.7246	1.42863
15400	5.1484	-1.4108	1.4430	34.9541	9.1380	1.46212
15500	5.1608	-1.4184	1.4591	35.2189	9.3430	1.47898
15600	5.1730	-1.4260	1.4753	35.4832	9.5464	1.49588
15800	5.1963	-1.4409	1.5077	36.0065	9.9455	1.52956
16000	5.2183	-1.4556	1.5398	36.5205	10.3318	1.56288
16200	5.2389	-1.4697	1.5712	37.0200	10.7009	1.59551
16400	5.2582	-1.4835	1.6018	37.5028	11.0500	1.62720
16500	5.2673	-1.4901	1.6167	37.7366	11.2162	1.64261
16600	5.2761	-1.4967	1.6313	37.9652	11.3765	1.65768
16800	5.2927	-1.5093	1.6595	38.4044	11.6778	1.68673
17000	5.3079	-1.5214	1.6862	38.8195	11.9533	1.71422
17200	5.3220	-1.5329	1.7114	39.2095	12.2020	1.74002
17400	5.3348	-1.5439	1.7350	39.5739	12.4239	1.76409
17500	5.3408	-1.5491	1.7461	39.7461	12.5248	1.77544
17600	5.3465	-1.5542	1.7568	39.9120	12.6192	1.78636
17800	5.3573	-1.5641	1.7770	40.2261	12.7896	1.80690
18000	5.3671	-1.5735	1.7956	40.5155	12.9354	1.82571
18200	5.3760	-1.5823	1.8127	40.7830	13.0593	1.84290
18400	5.3842	-1.5908	1.8283	41.0300	13.1628	1.85855
18500	5.3880	-1.5949	1.8356	41.1458	13.2073	1.86583
18600	5.3917	-1.5989	1.8425	41.2578	13.2478	1.87278
18800	5.3985	-1.6067	1.8555	41.4683	13.3162	1.88569
19000	5.4049	-1.6140	1.8673	41.6630	13.3696	1.89739
19200	5.4107	-1.6210	1.8781	41.8437	13.4105	1.90800
19400	5.4162	-1.6278	1.8880	42.0132	13.4405	1.91769
19500	5.4188	-1.6311	1.8926	42.0931	13.4518	1.92218

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.4213	-1.6343	1.8970	42.1716	13.4612	1.92651
19800	5.4262	-1.6406	1.9054	42.3214	13.4744	1.93460
20000	5.4309	-1.6467	1.9131	42.4639	13.4814	1.94208
20500	5.4415	-1.6614	1.9304	42.7976	13.4823	1.95869
21000	5.4518	-1.6753	1.9458	43.1155	13.4753	1.97350
21500	5.4621	-1.6889	1.9607	43.4359	13.4786	1.98783
22000	5.4730	-1.7022	1.9762	43.7761	13.5087	2.00295
22500	5.4851	-1.7158	1.9935	44.1530	13.5814	2.02004
23000	5.4988	-1.7297	2.0136	44.5823	13.7109	2.04026
23500	5.5144	-1.7442	2.0377	45.0779	13.9096	2.06465
24000	5.5321	-1.7595	2.0665	45.6507	14.1865	2.09409
24500	5.5519	-1.7755	2.1007	46.3062	14.5463	2.12917
25000	5.5737	-1.7924	2.1404	47.0466	14.9884	2.17020
25500	5.5971	-1.8101	2.1858	47.8665	15.5064	2.21702
26000	5.6215	-1.8284	2.2360	48.7536	16.0871	2.26901
26500	5.6463	-1.8471	2.2903	49.6914	16.7123	2.32515
27000	5.6709	-1.8659	2.3473	50.6578	17.3602	2.38405
27500	5.6948	-1.8845	2.4056	51.6306	18.0085	2.44417
28000	5.7175	-1.9028	2.4637	52.5877	18.6352	2.50396
28500	5.7386	-1.9203	2.5201	53.5091	19.2217	2.56193
29000	5.7581	-1.9370	2.5738	54.3809	19.7547	2.61695
29500	5.7757	-1.9528	2.6240	55.1927	20.2250	2.66813
30000	5.7916	-1.9677	2.6701	55.9413	20.6300	2.71505
30500	5.8059	-1.9816	2.7121	56.6256	20.9710	2.75753
31000	5.8188	-1.9947	2.7500	57.2515	21.2533	2.79577
31500	5.8305	-2.0070	2.7843	57.8253	21.4852	2.83013
32000	5.8411	-2.0187	2.8153	58.3560	21.6760	2.86115
32500	5.8511	-2.0298	2.8437	58.8530	21.8357	2.88943
33000	5.8604	-2.0404	2.8702	59.3268	21.9751	2.91571
33500	5.8695	-2.0507	2.8953	59.7876	22.1046	2.94066
34000	5.8785	-2.0608	2.9198	60.2455	22.2340	2.96496
34500	5.8875	-2.0708	2.9443	60.7096	22.3725	2.98929
35000	5.8968	-2.0807	2.9692	61.1870	22.5272	3.01421

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8729	0.5604	0.9975	17.2354	2.4876	1.00000
400	2.9991	0.4344	0.9999	17.9594	2.4948	1.00000
500	3.0965	0.3371	1.0007	18.5193	2.4976	1.00000
600	3.1759	0.2578	1.0010	18.9762	2.4990	1.00000
700	3.2430	0.1908	1.0011	19.3622	2.4997	1.00000
800	3.3010	0.1328	1.0011	19.6964	2.5001	1.00000
900	3.3522	0.0817	1.0011	19.9911	2.5003	1.00000
1000	3.3980	0.0356	1.0010	20.2537	2.5004	1.00000
1200	3.4772	-0.0436	1.0009	20.7096	2.5005	1.00000
1400	3.5442	-0.1105	1.0008	21.0952	2.5006	1.00000
1500	3.5741	-0.1405	1.0008	21.2677	2.5006	1.00000
1600	3.6022	-0.1684	1.0008	21.4290	2.5006	1.00000
1800	3.6533	-0.2196	1.0007	21.7236	2.5005	1.00000
2000	3.6991	-0.2653	1.0006	21.9869	2.5006	1.00000
2200	3.7405	-0.3066	1.0006	22.2253	2.5005	1.00000
2400	3.7782	-0.3444	1.0005	22.4428	2.5004	1.00000
2500	3.7960	-0.3621	1.0005	22.5448	2.5005	1.00000
2600	3.8130	-0.3792	1.0005	22.6431	2.5005	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8452	-0.4114	1.0005	22.8283	2.5005	1.00000
3000	3.8751	-0.4413	1.0004	23.0007	2.5004	1.00000
3200	3.9032	-0.4694	1.0004	23.1622	2.5004	1.00000
3400	3.9295	-0.4957	1.0004	23.3137	2.5004	1.00000
3500	3.9421	-0.5083	1.0004	23.3863	2.5004	1.00000
3600	3.9543	-0.5204	1.0004	23.4565	2.5003	1.00000
3800	3.9778	-0.5439	1.0003	23.5917	2.5003	1.00000
4000	4.0001	-0.5662	1.0003	23.7201	2.5003	1.00000
4200	4.0212	-0.5874	1.0003	23.8420	2.5003	1.00000
4400	4.0414	-0.6076	1.0003	23.9583	2.5003	1.00000
4500	4.0512	-0.6173	1.0003	24.0143	2.5003	1.00000
4600	4.0607	-0.6269	1.0003	24.0694	2.5002	1.00000
4800	4.0792	-0.6454	1.0003	24.1759	2.5002	1.00000
5000	4.0970	-0.6631	1.0002	24.2778	2.5003	1.00000
5200	4.1140	-0.6801	1.0002	24.3760	2.5002	1.00000
5400	4.1304	-0.6965	1.0002	24.4703	2.5003	1.00000
5500	4.1384	-0.7044	1.0002	24.5162	2.5003	1.00000
5600	4.1462	-0.7123	1.0002	24.5614	2.5003	1.00000
5800	4.1615	-0.7275	1.0002	24.6491	2.5005	1.00001
6000	4.1762	-0.7422	1.0002	24.7340	2.5006	1.00001
6200	4.1905	-0.7565	1.0002	24.8163	2.5009	1.00002
6400	4.2043	-0.7703	1.0002	24.8962	2.5013	1.00004
6500	4.2111	-0.7770	1.0002	24.9352	2.5015	1.00004
6600	4.2178	-0.7836	1.0002	24.9736	2.5019	1.00006
6900	4.2309	-0.7966	1.0003	25.0492	2.5027	1.00009
7000	4.2437	-0.8092	1.0003	25.1230	2.5039	1.00013
7200	4.2562	-0.8215	1.0004	25.1953	2.5056	1.00019
7400	4.2686	-0.8334	1.0004	25.2662	2.5079	1.00028
7500	4.2746	-0.8393	1.0005	25.3015	2.5094	1.00034
7600	4.2807	-0.8451	1.0006	25.3364	2.5110	1.00041
7800	4.2927	-0.8564	1.0007	25.4056	2.5151	1.00058
8000	4.3046	-0.8675	1.0009	25.4747	2.5204	1.00080
8200	4.3165	-0.8783	1.0012	25.5438	2.5273	1.00109
8400	4.3284	-0.8889	1.0016	25.6134	2.5359	1.00147
8500	4.3344	-0.8942	1.0018	25.6486	2.5410	1.00169
8600	4.3405	-0.8994	1.0021	25.6840	2.5466	1.00195
8800	4.3527	-0.9096	1.0027	25.7559	2.5599	1.00256
9000	4.3652	-0.9197	1.0034	25.8301	2.5763	1.00333
9200	4.3781	-0.9296	1.0043	25.9066	2.5960	1.00428
9400	4.3914	-0.9395	1.0055	25.9867	2.6199	1.00544
9500	4.3982	-0.9443	1.0061	26.0278	2.6334	1.00612
9600	4.4052	-0.9492	1.0069	26.0704	2.6483	1.00686
9800	4.4197	-0.9589	1.0085	26.1589	2.6819	1.00857
10000	4.4348	-0.9685	1.0105	26.2530	2.7213	1.01062
10200	4.4507	-0.9782	1.0129	26.3533	2.7673	1.01305
10400	4.4674	-0.9878	1.0157	26.4610	2.8207	1.01594
10500	4.4761	-0.9926	1.0172	26.5178	2.8504	1.01755
10600	4.4850	-0.9975	1.0189	26.5767	2.8821	1.01931
10800	4.5036	-1.0072	1.0227	26.7015	2.9525	1.02324
11000	4.5232	-1.0170	1.0272	26.8365	3.0326	1.02780
11200	4.5439	-1.0270	1.0322	26.9828	3.1234	1.03306
11400	4.5656	-1.0372	1.0380	27.1414	3.2259	1.03909
11500	4.5768	-1.0423	1.0412	27.2256	3.2816	1.04241
11600	4.5883	-1.0474	1.0446	27.3132	3.3406	1.04596
11800	4.6121	-1.0579	1.0521	27.4994	3.4688	1.05375

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12000	4.6363	-1.0687	1.0606	27.7014	3.6112	1.06256
12200	4.6626	-1.0798	1.0701	27.9198	3.7687	1.07246
12400	4.6892	-1.0911	1.0806	28.1562	3.9424	1.08354
12500	4.7028	-1.0969	1.0864	28.2813	4.0355	1.08954
12600	4.7166	-1.1028	1.0924	28.4110	4.1327	1.09587
12800	4.7448	-1.1148	1.1055	28.6855	4.3405	1.10954
13000	4.7735	-1.1271	1.1199	28.9803	4.5663	1.12462
13200	4.8028	-1.1398	1.1356	29.2962	4.8107	1.14118
13400	4.8324	-1.1529	1.1529	29.6337	5.0738	1.15928
13500	4.8474	-1.1595	1.1621	29.8101	5.2122	1.16891
13600	4.8623	-1.1664	1.1716	29.9927	5.3556	1.17897
13800	4.8924	-1.1801	1.1919	30.3730	5.6557	1.20024
14000	4.9224	-1.1943	1.2137	30.7753	5.9742	1.22316
14200	4.9523	-1.2086	1.2369	31.1974	6.3093	1.24763
14400	4.9819	-1.2233	1.2617	31.6394	6.6605	1.27368
14500	4.9965	-1.2307	1.2746	31.8671	6.8416	1.28726
14600	5.0111	-1.2383	1.2879	32.0993	7.0260	1.30120
14800	5.0397	-1.2534	1.3154	32.5749	7.4034	1.33008
15000	5.0676	-1.2685	1.3440	33.0636	7.7901	1.36016
15200	5.0947	-1.2837	1.3736	33.5619	8.1828	1.39121
15400	5.1210	-1.2989	1.4040	34.0678	8.5791	1.42310
15500	5.1337	-1.3064	1.4194	34.3222	8.7773	1.43927
15600	5.1462	-1.3140	1.4350	34.5770	8.9749	1.45554
15800	5.1702	-1.3288	1.4662	35.0853	9.3665	1.48824
16000	5.1931	-1.3435	1.4975	35.5893	9.7503	1.52095
16200	5.2148	-1.3578	1.5286	36.0846	10.1224	1.55335
16400	5.2352	-1.3717	1.5592	36.5681	10.4795	1.58519
16500	5.2449	-1.3785	1.5742	36.8046	10.6517	1.60084
16600	5.2543	-1.3853	1.5891	37.0368	10.8191	1.61623
16800	5.2721	-1.3982	1.6179	37.4863	11.1373	1.64614
17000	5.2886	-1.4108	1.6456	37.9161	11.4337	1.67483
17200	5.3039	-1.4228	1.6721	38.3237	11.7059	1.70207
17400	5.3180	-1.4342	1.6970	38.7079	11.9532	1.72777
17500	5.3247	-1.4398	1.7090	38.8911	12.0676	1.74000
17600	5.3310	-1.4452	1.7205	39.0681	12.1757	1.75183
17800	5.3429	-1.4556	1.7424	39.4047	12.3735	1.77424
18000	5.3538	-1.4654	1.7628	39.7174	12.5473	1.79498
18200	5.3638	-1.4749	1.7817	40.0082	12.6985	1.81412
18400	5.3730	-1.4838	1.7991	40.2775	12.8283	1.83169
18500	5.3773	-1.4882	1.8072	40.4046	12.8856	1.83991
18600	5.3814	-1.4924	1.8150	40.5270	12.9383	1.84777
18800	5.3891	-1.5006	1.8297	40.7580	13.0304	1.86246
19000	5.3962	-1.5083	1.8431	40.9715	13.1057	1.87583
19200	5.4028	-1.5157	1.8554	41.1699	13.1667	1.88803
19400	5.4089	-1.5229	1.8667	41.3549	13.2148	1.89915
19500	5.4117	-1.5263	1.8719	41.4424	13.2345	1.90433
19600	5.4145	-1.5297	1.8770	41.5276	13.2518	1.90930
19800	5.4198	-1.5363	1.8865	41.6895	13.2792	1.91858
20000	5.4248	-1.5427	1.8953	41.8428	13.2988	1.92712
20500	5.4363	-1.5578	1.9146	42.1951	13.3223	1.94581
21000	5.4469	-1.5721	1.9314	42.5205	13.3265	1.96190
21500	5.4573	-1.5858	1.9468	42.8371	13.3295	1.97672
22000	5.4678	-1.5992	1.9621	43.1624	13.3480	1.99152
22500	5.4792	-1.6125	1.9784	43.5119	13.3974	2.00745
23000	5.4918	-1.6260	1.9967	43.9010	13.4911	2.02563

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23500	5.5060	-1.6400	2.0180	44.3440	13.6427	2.04711
24000	5.5220	-1.6545	2.0432	44.8526	13.8619	2.07283
24500	5.5401	-1.6698	2.0732	45.4353	14.1558	2.10353
25000	5.5601	-1.6858	2.1082	46.0961	14.5272	2.13966
25500	5.5819	-1.7027	2.1485	46.8346	14.9738	2.18138
26000	5.6050	-1.7202	2.1939	47.6441	15.4875	2.22841
26500	5.6289	-1.7382	2.2437	48.5123	16.0552	2.28009
27000	5.6530	-1.7565	2.2971	49.4222	16.6595	2.33536
27500	5.6769	-1.7749	2.3527	50.3552	17.2809	2.39297
28000	5.7000	-1.7931	2.4093	51.2903	17.8991	2.45148
28500	5.7219	-1.8107	2.4654	52.2069	18.4938	2.50942
29000	5.7423	-1.8278	2.5200	53.0893	19.0498	2.56554
29500	5.7611	-1.8441	2.5719	53.9243	19.5548	2.61877
30000	5.7782	-1.8595	2.6205	54.7042	20.0022	2.66841
30500	5.7937	-1.8740	2.6652	55.4246	20.3889	2.71400
31000	5.8077	-1.8877	2.7062	56.0867	20.7170	2.75548
31500	5.8204	-1.9006	2.7434	56.6956	20.9919	2.79303
32000	5.8319	-1.9128	2.7772	57.2563	21.2202	2.82696
32500	5.8425	-1.9243	2.8080	57.7773	21.4107	2.85775
33000	5.8524	-1.9353	2.8363	58.2671	21.5727	2.88600
33500	5.8618	-1.9458	2.8628	58.7357	21.7158	2.91234
34000	5.8709	-1.9561	2.8881	59.1925	21.8496	2.93742
34500	5.8799	-1.9662	2.9127	59.6460	21.9830	2.96187
35000	5.8889	-1.9760	2.9372	60.1040	22.1239	2.98627

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8723	0.6607	0.9968	17.0026	2.4843	1.00000
400	2.9989	0.5344	0.9999	17.7279	2.4934	1.00000
500	3.0964	0.4370	1.0009	18.2883	2.4970	1.00000
600	3.1759	0.3577	1.0013	18.7454	2.4987	1.00000
700	3.2430	0.2907	1.0014	19.1316	2.4996	1.00000
800	3.3010	0.2327	1.0014	19.4659	2.5001	1.00000
900	3.3523	0.1816	1.0014	19.7607	2.5004	1.00000
1000	3.3980	0.1354	1.0013	20.0233	2.5006	1.00000
1200	3.4772	0.0563	1.0012	20.4792	2.5007	1.00000
1400	3.5442	-0.0106	1.0011	20.8649	2.5008	1.00000
1500	3.5742	-0.0406	1.0010	21.0375	2.5008	1.00000
1600	3.6022	-0.0685	1.0010	21.1987	2.5008	1.00000
1800	3.6533	-0.1197	1.0009	21.4934	2.5007	1.00000
2000	3.6991	-0.1653	1.0008	21.7567	2.5007	1.00000
2200	3.7405	-0.2067	1.0007	21.9950	2.5007	1.00000
2400	3.7783	-0.2445	1.0007	22.2126	2.5006	1.00000
2500	3.7960	-0.2622	1.0006	22.3147	2.5006	1.00000
2600	3.8130	-0.2793	1.0006	22.4128	2.5006	1.00000
2800	3.8452	-0.3114	1.0006	22.5980	2.5006	1.00000
3000	3.8752	-0.3413	1.0005	22.7704	2.5006	1.00000
3200	3.9032	-0.3694	1.0005	22.9319	2.5005	1.00000
3400	3.9295	-0.3957	1.0005	23.0835	2.5005	1.00000
3500	3.9421	-0.4083	1.0005	23.1560	2.5005	1.00000
3600	3.9543	-0.4205	1.0004	23.2262	2.5005	1.00000
3800	3.9778	-0.4440	1.0004	23.3615	2.5004	1.00000
4000	4.0001	-0.4663	1.0004	23.4898	2.5004	1.00000
4200	4.0213	-0.4874	1.0004	23.6117	2.5004	1.00000

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0415	-0.5077	1.0004	23.7281	2.5004	1.00000
4500	4.0512	-0.5173	1.0004	23.7841	2.5003	1.00000
4600	4.0608	-0.5269	1.0003	23.8392	2.5003	1.00000
4800	4.0792	-0.5454	1.0003	23.9456	2.5003	1.00000
5000	4.0970	-0.5631	1.0003	24.0476	2.5003	1.00000
5200	4.1140	-0.5801	1.0003	24.1456	2.5003	1.00000
5400	4.1304	-0.5965	1.0003	24.2400	2.5004	1.00000
5500	4.1384	-0.6045	1.0003	24.2860	2.5003	1.00000
5600	4.1462	-0.6123	1.0003	24.3310	2.5004	1.00000
5800	4.1615	-0.6276	1.0003	24.4189	2.5005	1.00001
6000	4.1762	-0.6423	1.0003	24.5038	2.5007	1.00001
6200	4.1905	-0.6565	1.0003	24.5860	2.5009	1.00002
6400	4.2043	-0.6703	1.0003	24.6658	2.5012	1.00003
6500	4.2111	-0.6770	1.0003	24.7047	2.5014	1.00004
6600	4.2178	-0.6837	1.0003	24.7432	2.5018	1.00005
6800	4.2309	-0.6967	1.0003	24.8188	2.5025	1.00008
7000	4.2437	-0.7092	1.0003	24.8924	2.5036	1.00011
7200	4.2561	-0.7215	1.0004	24.9644	2.5050	1.00017
7400	4.2684	-0.7334	1.0005	25.0350	2.5072	1.00025
7500	4.2745	-0.7393	1.0005	25.0702	2.5084	1.00031
7600	4.2805	-0.7451	1.0006	25.1049	2.5099	1.00036
7800	4.2924	-0.7564	1.0007	25.1737	2.5135	1.00051
8000	4.3042	-0.7675	1.0009	25.2421	2.5183	1.00071
8200	4.3160	-0.7783	1.0011	25.3103	2.5244	1.00097
8400	4.3278	-0.7889	1.0015	25.3790	2.5321	1.00131
8500	4.3337	-0.7941	1.0017	25.4135	2.5366	1.00151
8600	4.3396	-0.7993	1.0019	25.4483	2.5416	1.00174
8800	4.3516	-0.8095	1.0024	25.5188	2.5535	1.00228
9000	4.3639	-0.8196	1.0031	25.5910	2.5681	1.00297
9200	4.3764	-0.8295	1.0039	25.6651	2.5858	1.00382
9400	4.3893	-0.8393	1.0049	25.7424	2.6071	1.00486
9500	4.3959	-0.8441	1.0055	25.7821	2.6192	1.00546
9600	4.4026	-0.8489	1.0062	25.8228	2.6325	1.00613
9800	4.4165	-0.8585	1.0076	25.9074	2.6624	1.00766
10000	4.4310	-0.8681	1.0094	25.9968	2.6977	1.00949
10200	4.4462	-0.8776	1.0115	26.0918	2.7389	1.01166
10400	4.4621	-0.8871	1.0140	26.1930	2.7865	1.01423
10500	4.4704	-0.8919	1.0154	26.2464	2.8130	1.01568
10600	4.4788	-0.8966	1.0169	26.3016	2.8414	1.01725
10800	4.4965	-0.9062	1.0203	26.4182	2.9044	1.02077
11000	4.5150	-0.9158	1.0243	26.5438	2.9761	1.02484
11200	4.5346	-0.9256	1.0288	26.6794	3.0573	1.02955
11400	4.5551	-0.9354	1.0340	26.8259	3.1490	1.03494
11500	4.5657	-0.9405	1.0368	26.9037	3.1990	1.03792
11600	4.5766	-0.9454	1.0399	26.9844	3.2518	1.04109
11800	4.5991	-0.9556	1.0465	27.1557	3.3666	1.04807
12000	4.6225	-0.9661	1.0541	27.3409	3.4942	1.05596
12200	4.6469	-0.9767	1.0626	27.5413	3.6356	1.06484
12400	4.6722	-0.9876	1.0720	27.7573	3.7913	1.07477
12500	4.6852	-0.9932	1.0772	27.8716	3.8740	1.08016
12600	4.6983	-0.9989	1.0826	27.9905	3.9624	1.08584
12800	4.7252	-1.0103	1.0943	28.2410	4.1492	1.09812
13000	4.7527	-1.0222	1.1072	28.5104	4.3526	1.11169
13200	4.7808	-1.0343	1.1213	28.7986	4.5729	1.12661
13400	4.8093	-1.0468	1.1368	29.1069	4.8106	1.14294

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	4.8237	-1.0532	1.1451	29.2684	4.9359	1.15165
13600	4.8382	-1.0596	1.1537	29.4350	5.0656	1.16074
13800	4.8673	-1.0728	1.1720	29.7836	5.3383	1.18003
14000	4.8965	-1.0863	1.1917	30.1524	5.6281	1.20085
14200	4.9257	-1.1000	1.2128	30.5403	5.9343	1.22316
14400	4.9547	-1.1141	1.2354	30.9480	6.2566	1.24701
14500	4.9691	-1.1213	1.2472	31.1584	6.4233	1.25947
14600	4.9835	-1.1285	1.2593	31.3736	6.5936	1.27231
14800	5.0118	-1.1430	1.2846	31.8156	6.9435	1.29899
15000	5.0397	-1.1577	1.3111	32.2723	7.3046	1.32695
15200	5.0669	-1.1725	1.3386	32.7407	7.6740	1.35602
15400	5.0933	-1.1873	1.3672	33.2193	8.0499	1.38608
15500	5.1062	-1.1948	1.3817	33.4617	8.2394	1.40143
15600	5.1189	-1.2021	1.3964	33.7046	8.4288	1.41691
15900	5.1435	-1.2169	1.4263	34.1938	8.8081	1.44832
16000	5.1671	-1.2314	1.4564	34.6819	9.1832	1.47999
16200	5.1896	-1.2457	1.4867	35.1673	9.5520	1.51174
16400	5.2109	-1.2597	1.5168	35.6450	9.9104	1.54325
16500	5.2212	-1.2667	1.5317	35.8806	10.0851	1.55887
16600	5.2311	-1.2735	1.5465	36.1129	10.2559	1.57431
16800	5.2500	-1.2867	1.5756	36.5667	10.5850	1.60463
17000	5.2677	-1.2996	1.6038	37.0044	10.8957	1.63401
17200	5.2842	-1.3120	1.6310	37.4242	11.1863	1.66227
17400	5.2995	-1.3239	1.6571	37.8235	11.4549	1.68923
17500	5.3068	-1.3297	1.6696	38.0155	11.5808	1.70220
17600	5.3137	-1.3353	1.6818	38.2019	11.7009	1.71479
17800	5.3268	-1.3462	1.7052	38.5580	11.9237	1.73884
18000	5.3389	-1.3566	1.7272	38.8921	12.1236	1.76136
18200	5.3500	-1.3665	1.7477	39.2047	12.3012	1.78233
18400	5.3602	-1.3760	1.7668	39.4958	12.4571	1.80176
18500	5.3650	-1.3806	1.7758	39.6339	12.5273	1.81091
18600	5.3696	-1.3850	1.7845	39.7668	12.5926	1.81970
18800	5.3783	-1.3937	1.8009	40.0188	12.7089	1.83621
19000	5.3862	-1.4018	1.8159	40.2519	12.8073	1.85132
19200	5.3936	-1.4097	1.8298	40.4692	12.8901	1.86518
19400	5.4003	-1.4172	1.8425	40.6711	12.9582	1.87786
19500	5.4036	-1.4209	1.8485	40.7672	12.9875	1.88380
19600	5.4067	-1.4244	1.8542	40.8598	13.0135	1.88947
19800	5.4125	-1.4313	1.8650	41.0358	13.0574	1.90010
20000	5.4180	-1.4381	1.8750	41.2019	13.0919	1.90986
20500	5.4305	-1.4538	1.8968	41.5785	13.1445	1.93108
21000	5.4417	-1.4685	1.9153	41.9173	13.1664	1.94892
21500	5.4522	-1.4824	1.9318	42.2372	13.1764	1.96474
22000	5.4627	-1.4959	1.9474	42.5548	13.1909	1.97974
22500	5.4736	-1.5092	1.9632	42.8858	13.2251	1.99510
23000	5.4853	-1.5224	1.9803	43.2444	13.2926	2.01189
23500	5.4984	-1.5360	1.9995	43.6449	13.4061	2.03113
24000	5.5130	-1.5500	2.0219	44.0994	13.5765	2.05378
24500	5.5294	-1.5646	2.0482	44.6181	13.8127	2.08068
25000	5.5478	-1.5798	2.0789	45.2063	14.1192	2.11239
25500	5.5678	-1.5957	2.1146	45.8676	14.4974	2.14928
26000	5.5894	-1.6125	2.1552	46.6002	14.9442	2.19141
26500	5.6122	-1.6297	2.2004	47.3957	15.4503	2.23841
27000	5.6356	-1.6474	2.2496	48.2421	16.0028	2.28955
27500	5.6591	-1.6654	2.3018	49.1238	16.5854	2.34385

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.6822	-1.6833	2.3560	50.0232	17.1803	2.40011
28500	5.7045	-1.7010	2.4109	50.9205	17.7684	2.45695
29000	5.7256	-1.7182	2.4652	51.7993	18.3334	2.51313
29500	5.7454	-1.7348	2.5179	52.6447	18.8610	2.56748
30000	5.7636	-1.7508	2.5682	53.4466	19.3418	2.61911
30500	5.7803	-1.7658	2.6153	54.1966	19.7685	2.66732
31000	5.7954	-1.7800	2.6589	54.8918	20.1397	2.71178
31500	5.8092	-1.7936	2.6990	55.5354	20.4580	2.75245
32000	5.8217	-1.8062	2.7356	56.1276	20.7260	2.78938
32500	5.8331	-1.8182	2.7689	56.6763	20.9518	2.82293
33000	5.8437	-1.8296	2.7995	57.1880	21.1425	2.85355
33500	5.8536	-1.8405	2.8278	57.6714	21.3067	2.88179
34000	5.8630	-1.8510	2.8544	58.1353	21.4535	2.90822
34500	5.8721	-1.8612	2.8798	58.5867	21.5911	2.93340
35000	5.8811	-1.8711	2.9045	59.0353	21.7280	2.95798

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8716	0.7610	0.9960	16.7691	2.4803	1.00000
400	2.9986	0.6344	0.9998	17.4959	2.4917	1.00000
500	3.0963	0.5369	1.0011	18.0570	2.4963	1.00000
600	3.1758	0.4576	1.0016	18.5145	2.4984	1.00000
700	3.2430	0.3905	1.0017	18.9009	2.4995	1.00000
800	3.3011	0.3325	1.0018	19.2353	2.5001	1.00000
900	3.3523	0.2814	1.0017	19.5302	2.5005	1.00000
1000	3.3981	0.2353	1.0016	19.7929	2.5007	1.00000
1200	3.4773	0.1562	1.0015	20.2489	2.5009	1.00000
1400	3.5442	0.0893	1.0013	20.6346	2.5010	1.00000
1500	3.5742	0.0593	1.0013	20.8071	2.5010	1.00000
1600	3.6022	0.0314	1.0012	20.9685	2.5009	1.00000
1800	3.6534	-0.0198	1.0011	21.2631	2.5009	1.00000
2000	3.6991	-0.0654	1.0010	21.5264	2.5009	1.00000
2200	3.7405	-0.1068	1.0009	21.7647	2.5008	1.00000
2400	3.7783	-0.1445	1.0008	21.9823	2.5008	1.00000
2500	3.7960	-0.1623	1.0008	22.0845	2.5007	1.00000
2600	3.8130	-0.1793	1.0008	22.1825	2.5007	1.00000
2800	3.8452	-0.2115	1.0007	22.3678	2.5007	1.00000
3000	3.8752	-0.2414	1.0007	22.5401	2.5007	1.00000
3200	3.9032	-0.2695	1.0006	22.7017	2.5007	1.00000
3400	3.9295	-0.2958	1.0006	22.8532	2.5006	1.00000
3500	3.9421	-0.3083	1.0006	22.9257	2.5006	1.00000
3600	3.9543	-0.3205	1.0006	22.9960	2.5006	1.00000
3800	3.9778	-0.3440	1.0005	23.1312	2.5006	1.00000
4000	4.0001	-0.3663	1.0005	23.2596	2.5005	1.00000
4200	4.0213	-0.3874	1.0005	23.3814	2.5005	1.00000
4400	4.0415	-0.4077	1.0005	23.4979	2.5005	1.00000
4500	4.0512	-0.4174	1.0004	23.5539	2.5004	1.00000
4600	4.0608	-0.4270	1.0004	23.6089	2.5005	1.00000
4800	4.0793	-0.4454	1.0004	23.7153	2.5004	1.00000
5000	4.0970	-0.4632	1.0004	23.8174	2.5004	1.00000
5200	4.1140	-0.4802	1.0004	23.9154	2.5004	1.00000
5400	4.1304	-0.4965	1.0004	24.0098	2.5005	1.00000
5500	4.1384	-0.5046	1.0004	24.0558	2.5005	1.00000
5600	4.1462	-0.5123	1.0004	24.1008	2.5005	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.1615	-0.5276	1.0003	24.1886	2.5006	1.00001
6000	4.1762	-0.5423	1.0003	24.2735	2.5007	1.00001
6200	4.1905	-0.5565	1.0003	24.3556	2.5009	1.00002
6400	4.2043	-0.5703	1.0003	24.4354	2.5012	1.00003
6500	4.2111	-0.5770	1.0003	24.4743	2.5014	1.00004
6600	4.2178	-0.5837	1.0003	24.5128	2.5017	1.00004
6800	4.2308	-0.5967	1.0003	24.5882	2.5023	1.00007
7000	4.2436	-0.6093	1.0004	24.6618	2.5033	1.00010
7200	4.2561	-0.6215	1.0004	24.7336	2.5046	1.00015
7400	4.2683	-0.6334	1.0005	24.8039	2.5065	1.00023
7500	4.2743	-0.6393	1.0005	24.8389	2.5076	1.00027
7600	4.2803	-0.6451	1.0006	24.8735	2.5089	1.00033
7800	4.2921	-0.6564	1.0007	24.9418	2.5122	1.00046
8000	4.3039	-0.6675	1.0009	25.0099	2.5164	1.00064
8200	4.3155	-0.6783	1.0011	25.0774	2.5218	1.00086
8400	4.3272	-0.6888	1.0014	25.1450	2.5287	1.00117
8500	4.3330	-0.6941	1.0016	25.1791	2.5327	1.00134
8600	4.3389	-0.6992	1.0017	25.2133	2.5373	1.00155
8800	4.3507	-0.7095	1.0022	25.2823	2.5479	1.00204
9000	4.3626	-0.7195	1.0028	25.3528	2.5609	1.00266
9200	4.3748	-0.7293	1.0035	25.4249	2.5767	1.00341
9400	4.3874	-0.7391	1.0044	25.4996	2.5957	1.00434
9500	4.3938	-0.7439	1.0050	25.5379	2.6066	1.00488
9600	4.4003	-0.7487	1.0055	25.5770	2.6184	1.00547
9800	4.4137	-0.7582	1.0069	25.6581	2.6451	1.00684
10000	4.4276	-0.7677	1.0085	25.7435	2.6766	1.00847
10200	4.4421	-0.7771	1.0103	25.8336	2.7134	1.01042
10400	4.4573	-0.7864	1.0126	25.9292	2.7561	1.01271
10500	4.4652	-0.7911	1.0138	25.9794	2.7797	1.01401
10600	4.4733	-0.7959	1.0152	26.0314	2.8052	1.01541
10800	4.4900	-0.8052	1.0182	26.1406	2.8615	1.01856
11000	4.5076	-0.8148	1.0217	26.2579	2.9257	1.02221
11200	4.5261	-0.8243	1.0257	26.3840	2.9984	1.02641
11400	4.5455	-0.8339	1.0303	26.5196	3.0803	1.03123
11500	4.5556	-0.8388	1.0329	26.5916	3.1251	1.03391
11600	4.5659	-0.8436	1.0356	26.6660	3.1725	1.03675
11800	4.5871	-0.8536	1.0416	26.8241	3.2754	1.04300
12000	4.6093	-0.8637	1.0483	26.9944	3.3897	1.05007
12200	4.6325	-0.8740	1.0559	27.1784	3.5166	1.05902
12400	4.6565	-0.8845	1.0643	27.3764	3.6563	1.06693
12500	4.6688	-0.8898	1.0689	27.4810	3.7314	1.07176
12600	4.6813	-0.8953	1.0738	27.5897	3.8100	1.07686
12800	4.7069	-0.9063	1.0842	27.8188	3.9779	1.08789
13000	4.7331	-0.9177	1.0958	28.0651	4.1610	1.10009
13200	4.7600	-0.9293	1.1085	28.3285	4.3595	1.11353
13400	4.7874	-0.9413	1.1224	28.6102	.4.5739	1.12825
13500	4.8013	-0.9474	1.1298	28.7580	4.6873	1.13611
13600	4.8152	-0.9535	1.1375	28.9101	4.8045	1.14431
13800	4.8433	-0.9661	1.1540	29.2293	5.0516	1.16177
14000	4.8716	-0.9790	1.1718	29.5671	5.3148	1.18065
14200	4.9000	-0.9922	1.1909	29.9232	5.5939	1.20094
14400	4.9284	-1.0056	1.2114	30.2982	5.8885	1.22268
14500	4.9425	-1.0125	1.2222	30.4923	6.0414	1.23409
14600	4.9566	-1.0194	1.2332	30.6907	6.1977	1.24584
14800	4.9846	-1.0333	1.2563	31.1000	6.5206	1.27038

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15000	5.0121	-1.0475	1.2807	31.5249	6.8556	1.29623
15200	5.0392	-1.0618	1.3062	31.9630	7.2007	1.32326
15400	5.0657	-1.0762	1.3327	32.4128	7.5540	1.35139
15500	5.0787	-1.0835	1.3463	32.6415	7.7331	1.36582
15600	5.0915	-1.0907	1.3602	32.8719	7.9131	1.38045
15800	5.1165	-1.1052	1.3883	33.3374	8.2755	1.41026
16000	5.1405	-1.1195	1.4170	33.8061	8.6380	1.44059
16200	5.1637	-1.1337	1.4461	34.2756	8.9978	1.47127
16400	5.1857	-1.1477	1.4753	34.7420	9.3518	1.50202
16500	5.1964	-1.1546	1.4899	34.9734	9.5258	1.51737
16600	5.2068	-1.1615	1.5044	35.2027	9.6971	1.53264
16800	5.2266	-1.1749	1.5332	35.6546	10.0308	1.56288
17000	5.2454	-1.1879	1.5615	36.0939	10.3499	1.59248
17200	5.2630	-1.2007	1.5890	36.5199	10.6530	1.62131
17400	5.2795	-1.2129	1.6157	36.9291	10.9375	1.64911
17500	5.2873	-1.2189	1.6287	37.1273	11.0724	1.66260
17600	5.2948	-1.2247	1.6414	37.3206	11.2024	1.67578
17800	5.3091	-1.2361	1.6659	37.6923	11.4462	1.70114
18000	5.3223	-1.2469	1.6891	38.0443	11.6690	1.72514
18200	5.3345	-1.2573	1.7110	38.3755	11.8702	1.74772
18400	5.3458	-1.2673	1.7316	38.6867	12.0507	1.76885
18500	5.3511	-1.2721	1.7414	38.8346	12.1331	1.77886
18600	5.3563	-1.2768	1.7509	38.9781	12.2109	1.78854
18800	5.3659	-1.2859	1.7689	39.2499	12.3514	1.80680
19000	5.3747	-1.2945	1.7855	39.5031	12.4734	1.82367
19200	5.3829	-1.3028	1.8010	39.7399	12.5789	1.83926
19400	5.3905	-1.3107	1.8153	39.9599	12.6683	1.85357
19500	5.3941	-1.3146	1.8220	40.0647	12.7077	1.86031
19600	5.3975	-1.3184	1.8285	40.1657	12.7436	1.86675
19800	5.4041	-1.3256	1.8407	40.3576	12.8059	1.87885
20000	5.4102	-1.3327	1.8519	40.5380	.12.8572	1.88999
20500	5.4238	-1.3492	1.8766	40.9441	12.9445	1.91415
21000	5.4358	-1.3643	1.8973	41.3023	12.9903	1.93420
21500	5.4469	-1.3787	1.9153	41.6322	13.0141	1.95150
22000	5.4574	-1.3923	1.9317	41.9490	13.0317	1.96723
22500	5.4681	-1.4057	1.5476	42.2693	13.0586	1.98256
23000	5.4793	-1.4189	1.9639	42.6063	13.1082	1.99855
23500	5.4914	-1.4321	1.9817	42.9736	13.1930	2.01619
24000	5.5049	-1.4456	2.0019	43.3837	13.3241	2.03644
24500	5.5199	-1.4597	2.0252	43.8475	13.5112	2.06017
25000	5.5366	-1.4742	2.0523	44.3722	13.7607	2.08805
25500	5.5550	-1.4894	2.0838	44.9632	14.0764	2.12059
26000	5.5751	-1.5053	2.1199	45.6220	14.4580	2.15805
26500	5.5965	-1.5218	2.1605	46.3444	14.9010	2.20033
27000	5.6188	-1.5388	2.2052	47.1226	15.3962	2.24702
27500	5.6416	-1.5562	2.2536	47.9449	15.9312	2.29743
28000	5.6644	-1.5737	2.3046	48.7971	16.4911	2.35062
28500	5.6868	-1.5912	2.3572	49.6621	17.0595	2.40541
29000	5.7084	-1.6085	2.4104	50.5239	17.6198	2.46065
29500	5.7289	-1.6252	2.4629	51.3666	18.1566	2.51513
30000	5.7480	-1.6415	2.5140	52.1785	18.6589	2.56786
30500	5.7657	-1.6570	2.5626	52.9483	19.1165	2.61795
31000	5.7819	-1.6717	2.6084	53.6701	19.5245	2.66485
31500	5.7968	-1.6857	2.6510	54.3437	19.8825	2.70831
32000	5.8103	-1.6989	2.6902	54.9674	20.1908	2.74818

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
32500	5.8227	-1.7114	2.7262	55.5455	20.4539	2.78460
33000	5.8340	-1.7233	2.7593	56.0837	20.6780	2.81789
33500	5.8446	-1.7346	2.7898	56.5875	20.8697	2.84842
34000	5.8545	-1.7454	2.8181	57.0654	21.0368	2.87670
34500	5.8639	-1.7558	2.8448	57.5235	21.1868	2.90322
35000	5.8730	-1.7660	2.8703	57.9712	21.3286	2.92858

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8707	0.8615	0.9949	16.5348	2.4752	1.00000
400	2.9982	0.7344	0.9998	17.2636	2.4896	1.00000
500	3.0961	0.6368	1.0014	17.8255	2.4953	1.00000
600	3.1757	0.5574	1.0020	18.2835	2.4980	1.00000
700	3.2429	0.4903	1.0022	18.6701	2.4994	1.00000
800	3.3011	0.4323	1.0022	19.0046	2.5002	1.00000
900	3.3523	0.3812	1.0022	19.2996	2.5006	1.00000
1000	3.3981	0.3351	1.0021	19.5623	2.5009	1.00000
1200	3.4773	0.2560	1.0019	20.0185	2.5011	1.00000
1400	3.5443	0.1891	1.0017	20.4042	2.5012	1.00000
1500	3.5742	0.1592	1.0016	20.5768	2.5012	1.00000
1600	3.6023	0.1312	1.0015	20.7382	2.5012	1.00000
1800	3.6534	0.0801	1.0014	21.0328	2.5012	1.00000
2000	3.6992	0.0345	1.0013	21.2961	2.5011	1.00000
2200	3.7405	-0.0069	1.0012	21.5345	2.5011	1.00000
2400	3.7783	-0.0447	1.0011	21.7520	2.5010	1.00000
2500	3.7960	-0.0624	1.0010	21.8543	2.5009	1.00000
2600	3.8131	-0.0794	1.0010	21.9522	2.5009	1.00000
2800	3.8453	-0.1116	1.0009	22.1375	2.5009	1.00000
3000	3.8752	-0.1415	1.0009	22.3098	2.5009	1.00000
3200	3.9032	-0.1695	1.0008	22.4715	2.5008	1.00000
3400	3.9296	-0.1958	1.0008	22.6229	2.5008	1.00000
3500	3.9421	-0.2084	1.0007	22.6954	2.5008	1.00000
3600	3.9544	-0.2206	1.0007	22.7657	2.5008	1.00000
3800	3.9778	-0.2441	1.0007	22.9010	2.5007	1.00000
4000	4.0001	-0.2664	1.0006	23.0293	2.5007	1.00000
4200	4.0213	-0.2875	1.0006	23.1512	2.5006	1.00000
4400	4.0415	-0.3077	1.0006	23.2676	2.5006	1.00000
4500	4.0513	-0.3174	1.0006	23.3237	2.5006	1.00000
4600	4.0608	-0.3270	1.0006	23.3787	2.5006	1.00000
4800	4.0793	-0.3455	1.0005	23.4850	2.5006	1.00000
5000	4.0970	-0.3632	1.0005	23.5871	2.5005	1.00000
5200	4.1140	-0.3802	1.0005	23.6852	2.5005	1.00000
5400	4.1304	-0.3966	1.0005	23.7795	2.5006	1.00000
5500	4.1384	-0.4046	1.0005	23.8256	2.5006	1.00000
5600	4.1462	-0.4124	1.0004	23.8705	2.5005	1.00000
5800	4.1615	-0.4276	1.0004	23.9583	2.5006	1.00000
6000	4.1762	-0.4423	1.0004	24.0431	2.5008	1.00001
6200	4.1905	-0.4566	1.0004	24.1254	2.5009	1.00001
6400	4.2043	-0.4704	1.0004	24.2050	2.5012	1.00002
6500	4.2111	-0.4771	1.0004	24.2439	2.5014	1.00003
6600	4.2178	-0.4838	1.0004	24.2825	2.5016	1.00004
6800	4.2308	-0.4967	1.0004	24.3577	2.5022	1.00006
7000	4.2436	-0.5093	1.0004	24.4312	2.5030	1.00009
7200	4.2560	-0.5215	1.0005	24.5029	2.5042	1.00014

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.2682	-0.5334	1.0005	24.5730	2.5059	1.00020
7500	4.2742	-0.5393	1.0006	24.6077	2.5069	1.00024
7600	4.2801	-0.5451	1.0006	24.6422	2.5080	1.00029
7800	4.2919	-0.5564	1.0007	24.7102	2.5110	1.00041
8000	4.3036	-0.5675	1.0009	24.7777	2.5148	1.00057
8200	4.3151	-0.5783	1.0011	24.8447	2.5195	1.00077
8400	4.3267	-0.5888	1.0013	24.9114	2.5257	1.00105
8500	4.3324	-0.5941	1.0015	24.9452	2.5293	1.00120
8600	4.3382	-0.5992	1.0016	24.9787	2.5333	1.00139
8800	4.3498	-0.6094	1.0021	25.0466	2.5428	1.00182
9000	4.3615	-0.6193	1.0026	25.1153	2.5544	1.00237
9200	4.3735	-0.6292	1.0032	25.1859	2.5686	1.00305
9400	4.3857	-0.6389	1.0040	25.2581	2.5855	1.00388
9500	4.3919	-0.6437	1.0045	25.2953	2.5952	1.00436
9600	4.3982	-0.6484	1.0050	25.3329	2.6058	1.00488
9800	4.4111	-0.6579	1.0062	25.4111	2.6297	1.00611
10000	4.4245	-0.6673	1.0076	25.4926	2.6579	1.00757
10200	4.4385	-0.6766	1.0093	25.5784	2.6907	1.00930
10400	4.4530	-0.6859	1.0113	25.6691	2.7289	1.01136
10500	4.4605	-0.6905	1.0124	25.7164	2.7500	1.01251
10600	4.4682	-0.6952	1.0136	25.7655	2.7728	1.01377
10800	4.4842	-0.7044	1.0163	25.8681	2.8232	1.01659
11000	4.5009	-0.7138	1.0194	25.9779	2.8807	1.01985
11200	4.5184	-0.7231	1.0230	26.0955	2.9457	1.02361
11400	4.5368	-0.7325	1.0271	26.2215	3.0191	1.02793
11500	4.5463	-0.7373	1.0294	26.2882	3.0592	1.03032
11600	4.5560	-0.7420	1.0318	26.3571	3.1016	1.03286
11800	4.5762	-0.7517	1.0372	26.5033	3.1939	1.03846
12000	4.5972	-0.7615	1.0432	26.6604	3.2964	1.04480
12200	4.6191	-0.7715	1.0499	26.8296	3.4102	1.05193
12400	4.6419	-0.7817	1.0575	27.0116	3.5357	1.05993
12500	4.6536	-0.7868	1.0616	27.1074	3.6030	1.06425
12600	4.6655	-0.7921	1.0659	27.2070	3.6736	1.06883
12800	4.6898	-0.8027	1.0753	27.4170	3.8245	1.07874
13000	4.7148	-0.8136	1.0856	27.6422	3.9893	1.08971
13200	4.7405	-0.8248	1.0970	27.8834	4.1681	1.10180
13400	4.7667	-0.8362	1.1095	28.1409	4.3615	1.11505
13500	4.7800	-0.8421	1.1161	28.2761	4.4638	1.12214
13600	4.7934	-0.8480	1.1231	28.4153	4.5698	1.12954
13800	4.8205	-0.8600	1.1379	28.7070	4.7933	1.14531
14000	4.8479	-0.8723	1.1539	29.0166	5.0321	1.16240
14200	4.8754	-0.8849	1.1712	29.3435	5.2859	1.18083
14400	4.9030	-0.8978	1.1897	29.6878	5.5545	1.20060
14500	4.9168	-0.9044	1.1995	29.8666	5.6943	1.21101
14600	4.9306	-0.9110	1.2095	30.0493	5.8375	1.22174
14800	4.9580	-0.9243	1.2306	30.4270	6.1338	1.24421
15000	4.9852	-0.9380	1.2528	30.8205	6.4429	1.26798
15200	5.0120	-0.9518	1.2762	31.2281	6.7631	1.29296
15400	5.0383	-0.9657	1.3007	31.6484	7.0928	1.31909
15500	5.0513	-0.9727	1.3134	31.8628	7.2607	1.33255
15600	5.0641	-0.9797	1.3262	32.0797	7.4303	1.34625
15800	5.0893	-0.9938	1.3526	32.5191	7.7731	1.37428
16000	5.1137	-1.0079	1.3796	32.9657	8.1196	1.40307
16200	5.1372	-1.0219	1.4072	33.4153	8.4662	1.43238
16400	5.1599	-1.0358	1.4352	33.8661	8.8109	1.46205

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16500	5.1708	-1.0426	1.4493	34.0908	8.9815	1.47694
16600	5.1816	-1.0495	1.4633	34.3147	9.1505	1.49185
16800	5.2022	-1.0629	1.4914	34.7585	9.4827	1.52155
17000	5.2219	-1.0760	1.5193	35.1939	9.8042	1.55093
17200	5.2404	-1.0890	1.5468	35.6203	10.1139	1.57986
17400	5.2579	-1.1015	1.5737	36.0336	10.4087	1.60307
17500	5.2663	-1.1076	1.5868	36.2349	10.5500	1.62185
17600	5.2744	-1.1136	1.5998	36.4325	10.6871	1.63540
17800	5.2897	-1.1253	1.6249	36.8150	10.9475	1.66169
18000	5.3041	-1.1365	1.6491	37.1803	11.1892	1.68684
18200	5.3174	-1.1474	1.6722	37.5273	11.4114	1.71076
18400	5.3298	-1.1577	1.6941	37.8556	11.6140	1.73336
18500	5.3356	-1.1628	1.7045	38.0125	11.7077	1.74415
18600	5.3413	-1.1677	1.7147	38.1653	11.7969	1.75463
18800	5.3519	-1.1772	1.7341	38.4558	11.9605	1.77453
19000	5.3617	-1.1863	1.7523	38.7282	12.1057	1.79308
19200	5.3709	-1.1951	1.7693	38.9840	12.2339	1.81036
19400	5.3793	-1.2034	1.7851	39.2224	12.3451	1.82633
19500	5.3833	-1.2075	1.7926	39.3361	12.3949	1.83387
19600	5.3871	-1.2115	1.7998	39.4457	12.4412	1.84111
19800	5.3944	-1.2191	1.8134	39.6543	12.5232	1.85475
20000	5.4011	-1.2266	1.8260	39.8501	12.5927	1.86734
20500	5.4162	-1.2438	1.8538	40.2892	12.7192	1.89476
21000	5.4293	-1.2596	1.8770	40.6721	12.7948	1.91740
21500	5.4409	-1.2745	1.8969	41.0175	12.8382	1.93662
22000	5.4519	-1.2884	1.9145	41.3399	12.8656	1.95355
22500	5.4625	-1.3020	1.9310	41.6564	12.8924	1.96938
23000	5.4734	-1.3152	1.9472	41.9796	12.9319	1.98513
23500	5.4849	-1.3282	1.9642	42.3224	12.9962	2.00178
24000	5.4974	-1.3415	1.9827	42.6976	13.0968	2.02027
24500	5.5112	-1.3550	2.0037	43.1159	13.2433	2.04147
25000	5.5265	-1.3690	2.0278	43.5858	13.4437	2.06611
25500	5.5434	-1.3835	2.0556	44.1140	13.7032	2.09481
26000	5.5619	-1.3986	2.0875	44.7041	14.0243	2.12795
26500	5.5818	-1.4144	2.1238	45.3562	14.4058	2.16571
27000	5.6029	-1.4306	2.1641	46.0658	14.8423	2.20792
27500	5.6247	-1.4474	2.2084	46.8253	15.3251	2.25419
28000	5.6470	-1.4644	2.2557	47.6228	15.8417	2.30376
28500	5.6691	-1.4816	2.3054	48.4448	16.3786	2.35575
29000	5.6908	-1.4987	2.3565	49.2770	16.9210	2.40911
29500	5.7117	-1.5155	2.4080	50.1039	17.4542	2.46273
30000	5.7316	-1.5319	2.4589	50.9128	17.9653	2.51559
30500	5.7501	-1.5477	2.5082	51.6917	18.4434	2.56673
31000	5.7674	-1.5628	2.5554	52.4317	18.8803	2.61542
31500	5.7833	-1.5773	2.6000	53.1294	19.2728	2.66119
32000	5.7978	-1.5910	2.6416	53.7814	19.6185	2.70373
32500	5.8111	-1.6040	2.6801	54.3880	19.9187	2.74291
33000	5.8234	-1.6164	2.7157	54.9537	20.1781	2.77893
33500	5.8347	-1.6281	2.7485	55.4809	20.4008	2.81196
34000	5.8452	-1.6393	2.7788	55.9772	20.5933	2.84242
34500	5.8551	-1.6501	2.8072	56.4491	20.7631	2.87074
35000	5.8646	-1.6605	2.8339	56.9026	20.9169	2.89739

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8696	0.9620	0.9936	16.2994	2.4687	1.00000
400	2.9977	0.8344	0.9998	17.0307	2.4869	1.00000
500	3.0959	0.7367	1.0018	17.5937	2.4941	1.00000
600	3.1757	0.6572	1.0025	18.0522	2.4975	1.00000
700	3.2429	0.5901	1.0027	18.4391	2.4993	1.00000
800	3.3011	0.5321	1.0028	18.7738	2.5002	1.00000
900	3.3523	0.4810	1.0027	19.0689	2.5008	1.00000
1000	3.3981	0.4349	1.0026	19.3317	2.5012	1.00000
1200	3.4774	0.3558	1.0024	19.7881	2.5014	1.00000
1400	3.5443	0.2889	1.0021	20.1738	2.5015	1.00000
1500	3.5743	0.2590	1.0020	20.3465	2.5015	1.00000
1600	3.6023	0.2310	1.0019	20.5078	2.5015	1.00000
1800	3.6535	0.1799	1.0017	20.8025	2.5015	1.00000
2000	3.6992	0.1343	1.0016	21.0658	2.5013	1.00000
2200	3.7406	0.0930	1.0015	21.3042	2.5013	1.00000
2400	3.7784	0.0552	1.0013	21.5217	2.5012	1.00000
2500	3.7961	0.0374	1.0013	21.6240	2.5012	1.00000
2600	3.8131	0.0205	1.0012	21.7220	2.5011	1.00000
2800	3.8453	-0.0117	1.0012	21.9073	2.5011	1.00000
3000	3.8752	-0.0416	1.0011	22.0796	2.5011	1.00000
3200	3.9033	-0.0696	1.0010	22.2412	2.5010	1.00000
3400	3.9296	-0.0959	1.0010	22.3927	2.5010	1.00000
3500	3.9422	-0.1085	1.0009	22.4651	2.5009	1.00000
3600	3.9544	-0.1207	1.0009	22.5355	2.5009	1.00000
3800	3.9779	-0.1442	1.0008	22.6708	2.5009	1.00000
4000	4.0001	-0.1664	1.0008	22.7990	2.5008	1.00000
4200	4.0213	-0.1876	1.0008	22.9210	2.5008	1.00000
4400	4.0415	-0.2078	1.0007	23.0373	2.5008	1.00000
4500	4.0513	-0.2175	1.0007	23.0934	2.5007	1.00000
4600	4.0608	-0.2271	1.0007	23.1485	2.5007	1.00000
4800	4.0793	-0.2456	1.0007	23.2549	2.5007	1.00000
5000	4.0970	-0.2633	1.0006	23.3569	2.5007	1.00000
5200	4.1141	-0.2803	1.0006	23.4549	2.5006	1.00000
5400	4.1305	-0.2966	1.0006	23.5493	2.5007	1.00000
5500	4.1384	-0.3046	1.0006	23.5953	2.5007	1.00000
5600	4.1463	-0.3124	1.0006	23.6403	2.5007	1.00000
5800	4.1615	-0.3276	1.0005	23.7280	2.5007	1.00000
6000	4.1762	-0.3424	1.0005	23.8128	2.5008	1.00001
6200	4.1905	-0.3566	1.0005	23.8951	2.5009	1.00001
6400	4.2043	-0.3704	1.0005	23.9747	2.5012	1.00002
6500	4.2111	-0.3771	1.0005	24.0136	2.5014	1.00003
6600	4.2178	-0.3838	1.0005	24.0521	2.5016	1.00004
6800	4.2308	-0.3967	1.0005	24.1272	2.5021	1.00005
7000	4.2435	-0.4093	1.0005	24.2005	2.5028	1.00008
7200	4.2560	-0.4216	1.0005	24.2722	2.5039	1.00012
7400	4.2681	-0.4335	1.0006	24.3422	2.5053	1.00018
7500	4.2741	-0.4393	1.0006	24.3767	2.5063	1.00022
7600	4.2800	-0.4451	1.0007	24.4110	2.5073	1.00026
7800	4.2918	-0.4564	1.0007	24.4787	2.5099	1.00036
8000	4.3033	-0.4675	1.0009	24.5458	2.5133	1.00051
8200	4.3148	-0.4783	1.0010	24.6122	2.5176	1.00069
8400	4.3262	-0.4888	1.0013	24.6783	2.5230	1.00093
8500	4.3319	-0.4941	1.0014	24.7115	2.5263	1.00107
8600	4.3376	-0.4992	1.0016	24.7446	2.5299	1.00124
8800	4.3490	-0.5094	1.0019	24.8114	2.5383	1.00163

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.3606	-0.5192	1.0024	24.8788	2.5487	1.00212
9200	4.3723	-0.5291	1.0030	24.9477	2.5613	1.00272
9400	4.3842	-0.5387	1.0037	25.0180	2.5765	1.00346
9500	4.3902	-0.5435	1.0041	25.0539	2.5851	1.00389
9600	4.3963	-0.5482	1.0046	25.0903	2.5945	1.00436
9800	4.4089	-0.5577	1.0056	25.1657	2.6160	1.00545
10000	4.4218	-0.5670	1.0069	25.2440	2.6412	1.00676
10200	4.4352	-0.5762	1.0084	25.3259	2.6705	1.00831
10400	4.4491	-0.5854	1.0101	25.4122	2.7046	1.01015
10500	4.4563	-0.5900	1.0111	25.4570	2.7236	1.01118
10600	4.4637	-0.5946	1.0122	25.5034	2.7440	1.01230
10800	4.4789	-0.6037	1.0146	25.6002	2.7891	1.01483
11000	4.4948	-0.6129	1.0174	25.7033	2.8405	1.01775
11200	4.5114	-0.6221	1.0206	25.8133	2.8988	1.02112
11400	4.5289	-0.6313	1.0243	25.9308	2.9646	1.02499
11500	4.5379	-0.6359	1.0263	25.9927	3.0004	1.02712
11600	4.5471	-0.6406	1.0285	26.0568	3.0385	1.02940
11800	4.5662	-0.6501	1.0332	26.1922	3.1211	1.03441
12000	4.5861	-0.6596	1.0386.	26.3374	3.2132	1.04009
12200	4.6069	-0.6694	1.0446	26.4935	3.3152	1.04648
12400	4.6284	-0.6792	1.0514	26.6609	3.4279	1.05365
12500	4.6395	-0.6842	1.0551	26.7492	3.4884	1.05754
12600	4.6508	-0.6892	1.0589	26.8405	3.5518	1.06165
12800	4.6739	-0.6995	1.0673	27.0333	3.6875	1.07055
13000	4.6978	-0.7100	1.0765	27.2396	3.8357	1.08040
13200	4.7223	-0.7207	1.0867	27.4605	3.9967	1.09127
13400	4.7473	-0.7317	1.0979	27.6962	4.1710	1.10321
13500	4.7601	-0.7373	1.1039	27.8199	4.2633	1.10960
13600	4.7729	-0.7429	1.1101	27.9475	4.3591	1.11628
13800	4.7989	-0.7544	1.1234	28.2143	4.5610	1.13050
14000	4.8253	-0.7662	1.1378	28.4980	4.7774	1.14596
14200	4.8519	-0.7783	1.1534	28.7979	5.0078	1.16265
14400	4.8787	-0.7906	1.1701	29.1139	5.2521	1.18061
14500	4.8921	-0.7969	1.1789	29.2782	5.3796	1.19008
14600	4.9055	-0.8032	1.1880	29.4464	5.5104	1.19985
14800	4.9323	-0.8160	1.2071	29.7943	5.7816	1.22036
15000	4.9590	-0.8291	1.2274	30.1579	6.0658	1.24214
15200	4.9854	-0.8423	1.2488	30.5355	6.3612	1.26511
15400	5.0115	-0.8557	1.2713	30.9266	6.6671	1.28926
15500	5.0244	-0.8625	1.2830	31.1269	6.8237	1.30175
15600	5.0371	-0.8694	1.2948	31.3300	6.9822	1.31450
15800	5.0622	-0.8830	1.3193	31.7427	7.3041	1.34068
16000	5.0867	-0.8967	1.3445	32.1643	7.6315	1.36774
16200	5.1105	-0.9104	1.3705	32.5916	7.9621	1.39549
16400	5.1336	-0.9241	1.3970	33.0228	8.2934	1.42378
16500	5.1448	-0.9308	1.4103	33.2386	8.4585	1.43806
16600	5.1558	-0.9376	1.4238	33.4550	8.6232	1.45243
16800	5.1771	-0.9510	1.4509	33.8860	8.9490	1.48124
17000	5.1974	-0.9641	1.4780	34.3123	9.2678	1.51000
17200	5.2168	-0.9771	1.5049	34.7334	9.5786	1.53860
17400	5.2352	-0.9897	1.5315	35.1455	9.8781	1.56677
17500	5.2440	-0.9959	1.5447	35.3471	10.0230	1.58063
17600	5.2526	-1.0020	1.5577	35.5463	10.1646	1.59433
17800	5.2690	-1.0139	1.5832	35.9345	10.4365	1.62114
18000	5.2843	-1.0255	1.6079	36.3081	10.6921	1.64704

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.2987	-1.0367	1.6317	36.6668	10.9312	1.67196
18400	5.3122	-1.0475	1.6545	37.0084	11.1521	1.69571
18500	5.3185	-1.0527	1.6655	37.1726	11.2557	1.70714
18600	5.3247	-1.0579	1.6762	37.3327	11.3548	1.71827
18800	5.3363	-1.0678	1.6968	37.6395	11.5393	1.73959
19000	5.3472	-1.0773	1.7163	37.9291	11.7060	1.75966
19200	5.3572	-1.0866	1.7347	38.2025	11.8559	1.77850
19400	5.3666	-1.0953	1.7519	38.4585	11.9884	1.79605
19500	5.3710	-1.0996	1.7601	38.5810	12.0490	1.80439
19600	5.3752	-1.1038	1.7680	38.6993	12.1056	1.81242
19800	5.3833	-1.1118	1.7830	38.9249	12.2078	1.82763
20000	5.3908	-1.1196	1.7971	39.1366	12.2964	1.84173
20500	5.4075	-1.1378	1.8281	39.6122	12.4662	1.87264
21000	5.4218	-1.1543	1.8541	40.0239	12.5762	1.89824
21500	5.4343	-1.1698	1.8762	40.3897	12.6447	1.91977
22000	5.4458	-1.1841	1.8955	40.7238	12.6880	1.93836
22500	5.4567	-1.1979	1.9130	41.0429	12.7214	1.95517
23000	5.4675	-1.2112	1.9296	41.3594	12.7579	1.97120
23500	5.4786	-1.2243	1.9463	41.6856	12.8096	1.98742
24000	5.4904	-1.2373	1.9639	42.0344	12.8878	2.00475
24500	5.5032	-1.2506	1.9831	42.4163	13.0027	2.02405
25000	5.5173	-1.2641	2.0048	42.8402	13.1625	2.04608
25500	5.5329	-1.2779	2.0296	43.3138	13.3736	2.07151
26000	5.5498	-1.2924	2.0579	43.8430	13.6406	2.10086
26500	5.5683	-1.3074	2.0901	44.4290	13.9641	2.13443
27000	5.5880	-1.3230	2.1262	45.0717	14.3423	2.17228
27500	5.6087	-1.3390	2.1662	45.7664	14.7698	2.21426
28000	5.6301	-1.3555	2.2097	46.5047	15.2377	2.25989
28500	5.6517	-1.3721	2.2559	47.2755	15.7346	2.30847
29000	5.6732	-1.3889	2.3043	48.0679	16.2488	2.35921
29500	5.6943	-1.4056	2.3538	48.8675	16.7661	2.41111
30000	5.7145	-1.4220	2.4036	49.6613	17.2740	2.46318
30500	5.7338	-1.4380	2.4529	50.4379	17.7607	2.51449
31000	5.7518	-1.4534	2.5007	51.1856	18.2162	2.56414
31500	5.7686	-1.4683	2.5466	51.8991	18.6348	2.61155
32000	5.7842	-1.4824	2.5900	52.5728	19.0121	2.65623
32500	5.7985	-1.4959	2.6306	53.2048	19.3470	2.69790
33000	5.8117	-1.5088	2.6685	53.7964	19.6409	2.73652
33500	5.8238	-1.5210	2.7037	54.3488	19.8962	2.77214
34000	5.8351	-1.5326	2.7362	54.8673	20.1183	2.80501
34500	5.8456	-1.5438	2.7666	55.3570	20.3126	2.83546
35000	5.8555	-1.5544	2.7949	55.8226	20.4848	2.86386

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8681	1.0628	0.9920	16.0626	2.4605	1.00000
400	2.9971	0.9345	0.9997	16.7971	2.4835	1.00000
500	3.0956	0.8365	1.0022	17.3615	2.4926	1.00000
600	3.1755	0.7569	1.0032	17.8206	2.4969	1.00000
700	3.2429	0.6898	1.0034	18.2079	2.4991	1.00000
800	3.3011	0.6318	1.0035	18.5429	2.5003	1.00000
900	3.3524	0.5807	1.0034	18.8382	2.5010	1.00000
1000	3.3982	0.5346	1.0033	19.1010	2.5015	1.00000
1200	3.4774	0.4555	1.0030	19.5576	2.5018	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5444	0.3887	1.0027	19.9433	2.5019	1.00000
1500	3.5744	0.3588	1.0025	20.1160	2.5019	1.00000
1600	3.6024	0.3309	1.0024	20.2774	2.5019	1.00000
1800	3.6535	0.2798	1.0022	20.5721	2.5019	1.00000
2000	3.6993	0.2341	1.0020	20.8355	2.5017	1.00000
2200	3.7407	0.1928	1.0018	21.0739	2.5017	1.00000
2400	3.7784	0.1551	1.0017	21.2915	2.5016	1.00000
2500	3.7961	0.1373	1.0016	21.3937	2.5015	1.00000
2600	3.8132	0.1203	1.0016	21.4917	2.5015	1.00000
2800	3.8454	0.0882	1.0015	21.6770	2.5015	1.00000
3000	3.8753	0.0583	1.0014	21.8494	2.5013	1.00000
3200	3.9033	0.0303	1.0013	22.0109	2.5013	1.00000
3400	3.9296	0.0040	1.0012	22.1624	2.5012	1.00000
3500	3.9422	-0.0086	1.0012	22.2349	2.5012	1.00000
3600	3.9544	-0.0208	1.0011	22.3053	2.5011	1.00000
3800	3.9779	-0.0443	1.0011	22.4405	2.5011	1.00000
4000	4.0002	-0.0665	1.0010	22.5688	2.5010	1.00000
4200	4.0214	-0.0877	1.0010	22.6908	2.5010	1.00000
4400	4.0416	-0.1079	1.0009	22.8071	2.5010	1.00000
4500	4.0513	-0.1176	1.0009	22.8631	2.5010	1.00000
4600	4.0609	-0.1272	1.0009	22.9182	2.5009	1.00000
4800	4.0793	-0.1456	1.0008	23.0246	2.5009	1.00000
5000	4.0971	-0.1633	1.0008	23.1267	2.5009	1.00000
5200	4.1141	-0.1803	1.0008	23.2246	2.5008	1.00000
5400	4.1305	-0.1967	1.0007	23.3190	2.5008	1.00000
5500	4.1384	-0.2047	1.0007	23.3650	2.5008	1.00000
5600	4.1463	-0.2125	1.0007	23.4100	2.5008	1.00000
5800	4.1615	-0.2277	1.0007	23.4977	2.5008	1.00000
6000	4.1763	-0.2425	1.0007	23.5827	2.5009	1.00001
6200	4.1905	-0.2567	1.0006	23.6648	2.5010	1.00001
6400	4.2043	-0.2705	1.0006	23.7444	2.5012	1.00002
6500	4.2111	-0.2772	1.0006	23.7832	2.5014	1.00002
6600	4.2178	-0.2839	1.0006	23.8218	2.5016	1.00003
6800	4.2309	-0.2967	1.0006	23.8967	2.5021	1.00004
7000	4.2435	-0.3093	1.0006	23.9699	2.5027	1.00007
7200	4.2559	-0.3216	1.0006	24.0415	2.5037	1.00011
7400	4.2680	-0.3335	1.0007	24.1114	2.5049	1.00016
7500	4.2740	-0.3393	1.0007	24.1457	2.5058	1.00019
7600	4.2799	-0.3451	1.0007	24.1799	2.5067	1.00023
7800	4.2916	-0.3564	1.0008	24.2473	2.5090	1.00032
8000	4.3031	-0.3675	1.0009	24.3139	2.5120	1.00045
8200	4.3145	-0.3783	1.0011	24.3800	2.5158	1.00061
8400	4.3258	-0.3888	1.0013	24.4454	2.5207	1.00083
8500	4.3314	-0.3940	1.0014	24.4781	2.5236	1.00096
8600	4.3371	-0.3992	1.0015	24.5110	2.5268	1.00111
8800	4.3483	-0.4093	1.0018	24.5767	2.5343	1.00145
9000	4.3597	-0.4192	1.0023	24.6430	2.5436	1.00189
9200	4.3712	-0.4290	1.0028	24.7103	2.5549	1.00243
9400	4.3828	-0.4386	1.0034	24.7790	2.5685	1.00309
9500	4.3887	-0.4434	1.0038	24.8138	2.5762	1.00348
9600	4.3947	-0.4481	1.0042	24.8492	2.5846	1.00389
9800	4.4068	-0.4574	1.0051	24.9219	2.6038	1.00487
10000	4.4193	-0.4667	1.0062	24.9973	2.6263	1.00604
10200	4.4323	-0.4758	1.0076	25.0757	2.6525	1.00743
10400	4.4457	-0.4850	1.0091	25.1582	2.6831	1.00907

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.4526	-0.4895	1.0100	25.2007	2.7000	1.01000
10600	4.4596	-0.4940	1.0110	25.2447	2.7183	1.01100
10800	4.4741	-0.5031	1.0131	25.3362	2.7586	1.01326
11000	4.4893	-0.5121	1.0156	25.4334	2.8047	1.01587
11200	4.5051	-0.5212	1.0185	25.5366	2.8569	1.01889
11400	4.5217	-0.5303	1.0217	25.6465	2.9158	1.02235
11500	4.5302	-0.5348	1.0236	25.7043	2.9480	1.02426
11600	4.5390	-0.5394	1.0255	25.7640	2.9821	1.02631
11800	4.5571	-0.5486	1.0297	25.8897	3.0562	1.03080
12000	4.5759	-0.5579	1.0345	26.0244	3.1388	1.03588
12200	4.5956	-0.5674	1.0399	26.1687	3.2304	1.04162
12400	4.6161	-0.5769	1.0460	26.3231	3.3315	1.04805
12500	4.6265	-0.5818	1.0492	26.4045	3.3858	1.05155
12600	4.6373	-0.5867	1.0527	26.4887	3.4429	1.05523
12800	4.6593	-0.5966	1.0602	26.6659	3.5649	1.06323
13000	4.6819	-0.6067	1.0684	26.8554	3.6982	1.07209
13200	4.7053	-0.6170	1.0775	27.0577	3.8431	1.08185
13400	4.7292	-0.6275	1.0875	27.2738	4.0003	1.09259
13500	4.7414	-0.6329	1.0929	27.3872	4.0835	1.09834
13600	4.7537	-0.6384	1.0985	27.5043	4.1700	1.10437
13800	4.7786	-0.6493	1.1104	27.7486	4.3525	1.11720
14000	4.8040	-0.6607	1.1234	28.0086	4.5483	1.13116
14200	4.8296	-0.6722	1.1373	28.2833	4.7571	1.14625
14400	4.8555	-0.6840	1.1524	28.5736	4.9792	1.16255
14500	4.8685	-0.6900	1.1604	28.7244	5.0951	1.17114
14600	4.8816	-0.6961	1.1686	28.8790	5.2144	1.18002
14800	4.9076	-0.7083	1.1859	29.1994	5.4622	1.19871
15000	4.9337	-0.7208	1.2043	29.5345	5.7223	1.21859
15200	4.9596	-0.7335	1.2238	29.8837	5.9939	1.23965
15400	4.9852	-0.7464	1.2443	30.2463	6.2764	1.26186
15500	4.9980	-0.7530	1.2550	30.4325	6.4215	1.27339
15600	5.0106	-0.7596	1.2659	30.6216	6.5686	1.28517
15800	5.0356	-0.7727	1.2884	31.0074	6.8690	1.30948
16000	5.0600	-0.7860	1.3118	31.4027	7.1760	1.33471
16200	5.0839	-0.7993	1.3360	31.8062	7.4884	1.36077
16400	5.1071	-0.8127	1.3609	32.2154	7.8038	1.38751
16500	5.1185	-0.8193	1.3735	32.4212	7.9618	1.40107
16600	5.1297	-0.8260	1.3862	32.6285	8.1203	1.41478
16800	5.1514	-0.8392	1.4120	33.0432	8.4357	1.44244
17000	5.1723	-0.8522	1.4380	33.4566	8.7477	1.47027
17200	5.1924	-0.8651	1.4641	33.8677	9.0544	1.49816
17400	5.2115	-0.8778	1.4901	34.2733	9.3536	1.52590
17500	5.2207	-0.8840	1.5030	34.4728	9.4992	1.53963
17600	5.2297	-0.8902	1.5159	34.6713	9.6431	1.55329
17800	5.2470	-0.9023	1.5412	35.0594	9.9208	1.58018
18000	5.2633	-0.9141	1.5660	35.4369	10.1859	1.60644
18200	5.2786	-0.9256	1.5902	35.8018	10.4368	1.63193
18400	5.2931	-0.9366	1.6136	36.1522	10.6721	1.65649
18500	5.2999	-0.9420	1.6249	36.3220	10.7838	1.66840
18600	5.3066	-0.9473	1.6360	36.4878	10.8912	1.68004
18800	5.3192	-0.9576	1.6576	36.8081	11.0939	1.70253
19000	5.3310	-0.9675	1.6781	37.1120	11.2796	1.72387
19200	5.3421	-0.9772	1.6977	37.4008	11.4491	1.74409
19400	5.3523	-0.9863	1.7161	37.6729	11.6022	1.76310
19500	5.3572	-0.9908	1.7250	37.8036	11.6729	1.77219

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.3619	-0.9952	1.7335	37.9301	11.7396	1.78096
19800	5.3708	-1.0037	1.7499	38.1721	11.8617	1.79767
20000	5.3791	-1.0118	1.7652	38.3996	11.9694	1.81324
20500	5.3975	-1.0309	1.7995	38.9125	12.1840	1.84771
21000	5.4133	-1.0483	1.8284	39.3557	12.3320	1.87648
21500	5.4269	-1.0643	1.8531	39.7456	12.4303	1.90063
22000	5.4392	-1.0793	1.8744	40.0966	12.4949	1.92128
22500	5.4505	-1.0934	1.8933	40.4238	12.5406	1.93950
23000	5.4614	-1.1069	1.9108	40.7398	12.5807	1.95629
23500	5.4724	-1.1201	1.9276	41.0570	12.6269	1.97262
24000	5.4837	-1.1330	1.9447	41.3871	12.6906	1.98935
24500	5.4958	-1.1461	1.9629	41.7411	12.7818	2.00736
25000	5.5088	-1.1592	1.9828	42.1277	12.9089	2.02739
25500	5.5231	-1.1727	2.0050	42.5552	13.0793	2.05016
26000	5.5388	-1.1866	2.0303	43.0309	13.2988	2.07625
26500	5.5558	-1.2009	2.0590	43.5571	13.5697	2.10605
27000	5.5742	-1.2157	2.0912	44.1370	13.8930	2.13986
27500	5.5936	-1.2311	2.1272	44.7681	14.2659	2.17766
28000	5.6140	-1.2470	2.1667	45.4462	14.6829	2.21925
28500	5.6348	-1.2631	2.2092	46.1621	15.1351	2.26415
29000	5.6559	-1.2794	2.2544	46.9073	15.6129	2.31172
29500	5.6768	-1.2958	2.3013	47.6699	16.1042	2.36117
30000	5.6972	-1.3121	2.3493	48.4376	16.5971	2.41161
30500	5.7168	-1.3281	2.3975	49.1996	17.0807	2.46216
31000	5.7355	-1.3437	2.4451	49.9442	17.5441	2.51192
31500	5.7531	-1.3588	2.4915	50.6641	17.9798	2.56022
32000	5.7695	-1.3733	2.5361	51.3518	18.3812	2.60643
32500	5.7848	-1.3873	2.5784	52.0036	18.7451	2.65012
33000	5.7989	-1.4005	2.6183	52.6176	19.0706	2.69104
33500	5.8119	-1.4132	2.6555	53.1937	19.3576	2.72910
34000	5.8240	-1.4253	2.6903	53.7352	19.6107	2.76441
34500	5.8352	-1.4368	2.7226	54.2444	19.8321	2.79713
35000	5.8457	-1.4478	2.7529	54.7262	20.0273	2.82754

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8663	1.1637	0.9899	15.8241	2.4502	1.00000
400	2.9964	1.0345	0.9996	16.5627	2.4793	1.00000
500	3.0953	0.9362	1.0028	17.1287	2.4907	1.00000
600	3.1754	0.8565	1.0040	17.5887	2.4960	1.00000
700	3.2428	0.7894	1.0043	17.9765	2.4988	1.00000
800	3.3011	0.7314	1.0044	18.3118	2.5004	1.00000
900	3.3524	0.6803	1.0043	18.6073	2.5013	1.00000
1000	3.3983	0.6343	1.0041	18.8703	2.5018	1.00000
1200	3.4775	0.5552	1.0037	19.3271	2.5023	1.00000
1400	3.5445	0.4884	1.0034	19.7129	2.5024	1.00000
1500	3.5744	0.4585	1.0032	19.8855	2.5024	1.00000
1600	3.6025	0.4306	1.0030	20.0470	2.5024	1.00000
1800	3.6536	0.3796	1.0028	20.3417	2.5024	1.00000
2000	3.6994	0.3339	1.0025	20.6053	2.5022	1.00000
2200	3.7407	0.2926	1.0023	20.8436	2.5021	1.00000
2400	3.7785	0.2549	1.0021	21.0612	2.5020	1.00000
2500	3.7962	0.2371	1.0020	21.1634	2.5020	1.00000
2600	3.8132	0.2202	1.0020	21.2615	2.5019	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8454	0.1880	1.0018	21.4467	2.5018	1.00000
3000	3.8754	0.1582	1.0017	21.6192	2.5017	1.00000
3200	3.9034	0.1301	1.0016	21.7807	2.5016	1.00000
3400	3.9297	0.1039	1.0015	21.9322	2.5015	1.00000
3500	3.9423	0.0913	1.0015	22.0047	2.5015	1.00000
3600	3.9545	0.0791	1.0014	22.0750	2.5014	1.00000
3800	3.9780	0.0556	1.0013	22.2102	2.5014	1.00000
4000	4.0002	0.0334	1.0013	22.3386	2.5013	1.00000
4200	4.0214	0.0122	1.0012	22.4606	2.5012	1.00000
4400	4.0416	-0.0080	1.0011	22.5769	2.5012	1.00000
4500	4.0514	-0.0177	1.0011	22.6329	2.5012	1.00000
4600	4.0609	-0.0273	1.0011	22.6880	2.5012	1.00000
4800	4.0794	-0.0457	1.0011	22.7943	2.5012	1.00000
5000	4.0971	-0.0634	1.0010	22.8965	2.5011	1.00000
5200	4.1141	-0.0804	1.0010	22.9944	2.5011	1.00000
5400	4.1305	-0.0968	1.0009	23.0887	2.5010	1.00000
5500	4.1385	-0.1048	1.0009	23.1348	2.5010	1.00000
5600	4.1463	-0.1126	1.0009	23.1797	2.5010	1.00000
5800	4.1615	-0.1278	1.0009	23.2674	2.5010	1.00000
6000	4.1763	-0.1425	1.0008	23.3524	2.5011	1.00001
6200	4.1905	-0.1567	1.0008	23.4344	2.5012	1.00001
6400	4.2044	-0.1705	1.0008	23.5140	2.5013	1.00002
6500	4.2111	-0.1772	1.0008	23.5528	2.5015	1.00002
6600	4.2178	-0.1839	1.0008	23.5914	2.5016	1.00003
6800	4.2303	-0.1968	1.0008	23.6663	2.5021	1.00004
7000	4.2435	-0.2094	1.0008	23.7394	2.5027	1.00006
7200	4.2559	-0.2217	1.0008	23.8109	2.5035	1.00010
7400	4.2680	-0.2336	1.0008	23.8807	2.5047	1.00014
7500	4.2739	-0.2394	1.0008	23.9149	2.5053	1.00017
7600	4.2798	-0.2452	1.0008	23.9490	2.5062	1.00021
7800	4.2915	-0.2565	1.0009	24.0161	2.5083	1.00029
8000	4.3029	-0.2675	1.0010	24.0823	2.5109	1.00040
8200	4.3142	-0.2783	1.0011	24.1479	2.5143	1.00055
8400	4.3255	-0.2889	1.0013	24.2129	2.5187	1.00074
8500	4.3310	-0.2940	1.0014	24.2451	2.5212	1.00086
8600	4.3366	-0.2992	1.0015	24.2777	2.5241	1.00099
8800	4.3477	-0.3093	1.0018	24.3425	2.5308	1.00130
9000	4.3589	-0.3192	1.0022	24.4078	2.5391	1.00168
9200	4.3702	-0.3290	1.0026	24.4737	2.5492	1.00216
9400	4.3816	-0.3385	1.0032	24.5408	2.5613	1.00276
9500	4.3874	-0.3432	1.0035	24.5747	2.5682	1.00310
9600	4.3932	-0.3479	1.0039	24.6092	2.5757	1.00348
9800	4.4050	-0.3572	1.0047	24.6796	2.5929	1.00435
10000	4.4171	-0.3664	1.0057	24.7523	2.6130	1.00539
10200	4.4296	-0.3755	1.0069	24.8278	2.6365	1.00664
10400	4.4425	-0.3846	1.0083	24.9067	2.6639	1.00811
10500	4.4492	-0.3891	1.0091	24.9473	2.6790	1.00894
10600	4.4559	-0.3936	1.0099	24.9891	2.6954	1.00984
10800	4.4698	-0.4025	1.0118	25.0759	2.7315	1.01185
11000	4.4843	-0.4115	1.0140	25.1678	2.7727	1.01420
11200	4.4994	-0.4204	1.0166	25.2649	2.8195	1.01689
11400	4.5151	-0.4293	1.0195	25.3680	2.8724	1.02000
11500	4.5233	-0.4338	1.0211	25.4223	2.9013	1.02171
11600	4.5316	-0.4383	1.0229	25.4780	2.9318	1.02355
11800	4.5488	-0.4473	1.0266	25.5950	2.9983	1.02757

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12000	4.5667	-0.4564	1.0309	25.7201	3.0724	1.03213
12200	4.5853	-0.4656	1.0357	25.8540	3.1546	1.03727
12400	4.6047	-0.4749	1.0411	25.9968	3.2455	1.04304
12500	4.6147	-0.4796	1.0440	26.0719	3.2943	1.04618
12600	4.6248	-0.4844	1.0471	26.1497	3.3456	1.04949
12800	4.6457	-0.4940	1.0538	26.3128	3.4554	1.05667
13000	4.6673	-0.5038	1.0612	26.4873	3.5753	1.06463
13200	4.6894	-0.5137	1.0693	26.6731	3.7057	1.07341
13400	4.7123	-0.5238	1.0783	26.8716	3.8474	1.08308
13500	4.7239	-0.5290	1.0831	26.9757	3.9225	1.08826
13600	4.7357	-0.5342	1.0881	27.0831	4.0006	1.09369
13800	4.7595	-0.5448	1.0988	27.3073	4.1654	1.10526
14000	4.7839	-0.5556	1.1104	27.5457	4.3425	1.11786
14200	4.8085	-0.5666	1.1230	27.7974	4.5315	1.13150
14400	4.8335	-0.5780	1.1366	28.0642	4.7332	1.14626
14500	4.8461	-0.5837	1.1437	28.2025	4.8385	1.15404
14600	4.8587	-0.5895	1.1511	28.3446	4.9469	1.16211
14800	4.8840	-0.6013	1.1667	28.6395	5.1729	1.17910
15000	4.9093	-0.6132	1.1834	28.9479	5.4106	1.19721
15200	4.9346	-0.6254	1.2011	29.2706	5.6598	1.21647
15400	4.9598	-0.6378	1.2198	29.6059	5.9196	1.23682
15500	4.9723	-0.6440	1.2295	29.7784	6.0534	1.24740
15600	4.9848	-0.6503	1.2395	29.9539	6.1894	1.25825
15800	5.0094	-0.6631	1.2601	30.3135	6.4683	1.28072
16000	5.0337	-0.6758	1.2817	30.6826	6.7545	1.30413
16200	5.0576	-0.6888	1.3040	31.0615	7.0475	1.32844
16400	5.0808	-0.7018	1.3272	31.4475	7.3452	1.35352
16500	5.0923	-0.7082	1.3389	31.6424	7.4951	1.36630
16600	5.1035	-0.7147	1.3509	31.8391	7.6459	1.37925
16800	5.1256	-0.7277	1.3752	32.2347	7.9480	1.40552
17000	5.1469	-0.7405	1.3998	32.6318	8.2494	1.43216
17200	5.1674	-0.7533	1.4248	33.0289	8.5483	1.45904
17400	5.1871	-0.7659	1.4498	33.4235	8.8424	1.48598
17500	5.1967	-0.7720	1.4623	33.6189	8.9869	1.49942
17600	5.2060	-0.7783	1.4748	33.8141	9.1303	1.51285
17800	5.2240	-0.7904	1.4997	34.1976	9.4094	1.53944
18000	5.2411	-0.8024	1.5243	34.5742	9.6792	1.56567
18200	5.2573	-0.8140	1.5484	34.9405	9.9371	1.59134
18400	5.2727	-0.8252	1.5719	35.2952	10.1821	1.61632
18500	5.2800	-0.8308	1.5835	35.4683	10.2996	1.62852
18600	5.2871	-0.8362	1.5948	35.6380	10.4134	1.64051
18800	5.3007	-0.8469	1.6170	35.9678	10.6304	1.66384
19000	5.3135	-0.8571	1.6382	36.2824	10.8319	1.68615
19200	5.3254	-0.8670	1.6586	36.5833	11.0181	1.70747
19400	5.3366	-0.8766	1.6781	36.8695	11.1893	1.72773
19500	5.3419	-0.8813	1.6875	37.0070	11.2691	1.73744
19600	5.3471	-0.8858	1.6966	37.1405	11.3449	1.74687
19800	5.3568	-0.8947	1.7141	37.3978	11.4861	1.76496
20000	5.3660	-0.9032	1.7307	37.6401	11.6126	1.78193
20500	5.3863	-0.9233	1.7680	38.1902	11.8724	1.81991
21000	5.4036	-0.9415	1.8000	38.6665	12.0605	1.85195
21500	5.4185	-0.9582	1.8273	39.0837	12.1924	1.87899
22000	5.4317	-0.9738	1.8508	39.4558	12.2829	1.90203
22500	5.4437	-0.9884	1.8715	39.7962	12.3464	1.92206
23000	5.4550	-1.0022	1.8902	40.1172	12.3956	1.94005

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23500	5.4660	-1.0156	1.9077	40.4318	12.4430	1.95695
24000	5.4771	-1.0286	1.9249	40.7501	12.4992	1.97361
24500	5.4887	-1.0416	1.9424	41.0841	12.5743	1.99088
25000	5.5009	-1.0544	1.9611	41.4411	12.6766	2.00951
25500	5.5142	-1.0676	1.9815	41.8314	12.8146	2.03022
26000	5.5287	-1.0810	2.0044	42.2614	12.9940	2.05364
26500	5.5444	-1.0947	2.0300	42.7353	13.2188	2.08022
27000	5.5614	-1.1090	2.0588	43.2582	13.4921	2.11039
27500	5.5796	-1.1237	2.0910	43.8293	13.8126	2.14427
28000	5.5988	-1.1389	2.1266	44.4471	14.1781	2.18186
28500	5.6187	-1.1544	2.1654	45.1059	14.5824	2.22290
29000	5.6390	-1.1702	2.2070	45.7989	15.0179	2.26694
29500	5.6595	-1.1862	2.2509	46.5170	15.4753	2.31338
30000	5.6797	-1.2022	2.2964	47.2501	15.9447	2.36151
30500	5.6995	-1.2180	2.3429	47.9873	16.4146	2.41053
31000	5.7186	-1.2337	2.3895	48.7187	16.8752	2.45961
31500	5.7368	-1.2490	2.4356	49.4347	17.3175	2.50799
32000	5.7540	-1.2637	2.4806	50.1270	17.7339	2.55496
32500	5.7700	-1.2780	2.5239	50.7904	18.1192	2.60001
33000	5.7850	-1.2917	2.5652	51.4212	18.4707	2.64275
33500	5.7989	-1.3047	2.6043	52.0171	18.7869	2.68294
34000	5.8118	-1.3173	2.6410	52.5802	19.0693	2.72056
34500	5.8238	-1.3292	2.6754	53.1100	19.3192	2.75557
35000	5.8350	-1.3406	2.7076	53.6106	19.5402	2.78817

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8640	1.2649	0.9872	15.5835	2.4371	1.00000
400	2.9955	1.1346	0.9995	16.3271	2.4739	1.00000
500	3.0949	1.0359	1.0035	16.8954	2.4883	1.00000
600	3.1752	0.9561	1.0050	17.3564	2.4950	1.00000
700	3.2428	0.8889	1.0055	17.7449	2.4985	1.00000
800	3.3011	0.8309	1.0055	18.0806	2.5005	1.00000
900	3.3525	0.7798	1.0054	18.3763	2.5016	1.00000
1000	3.3983	0.7338	1.0052	18.6395	2.5023	1.00000
1200	3.4776	0.6548	1.0047	19.0965	2.5029	1.00000
1400	3.5446	0.5880	1.0042	19.4824	2.5031	1.00000
1500	3.5746	0.5582	1.0040	19.6551	2.5031	1.00000
1600	3.6026	0.5302	1.0038	19.8167	2.5031	1.00000
1800	3.6537	0.4792	1.0035	20.1114	2.5030	1.00000
2000	3.6995	0.4336	1.0032	20.3749	2.5028	1.00000
2200	3.7408	0.3923	1.0029	20.6133	2.5026	1.00000
2400	3.7786	0.3546	1.0027	20.8310	2.5025	1.00000
2500	3.7963	0.3370	1.0026	20.9330	2.5025	1.00000
2600	3.8133	0.3199	1.0025	21.0312	2.5024	1.00000
2800	3.8455	0.2878	1.0023	21.2165	2.5023	1.00000
3000	3.8754	0.2580	1.0022	21.3889	2.5021	1.00000
3200	3.9034	0.2299	1.0020	21.5504	2.5020	1.00000
3400	3.9297	0.2037	1.0019	21.7019	2.5019	1.00000
3500	3.9423	0.1911	1.0018	21.7745	2.5019	1.00000
3600	3.9546	0.1789	1.0018	21.8448	2.5018	1.00000
3800	3.9780	0.1555	1.0017	21.9800	2.5018	1.00000
4000	4.0003	0.1332	1.0016	22.1084	2.5017	1.00000
4200	4.0215	0.1120	1.0015	22.2303	2.5016	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0417	0.0919	1.0014	22.3467	2.5016	1.00000
4500	4.0514	0.0822	1.0014	22.4027	2.5015	1.00000
4600	4.0610	0.0726	1.0014	22.4578	2.5015	1.00000
4800	4.0794	0.0542	1.0013	22.5639	2.5014	1.00000
5000	4.0972	0.0364	1.0013	22.6662	2.5014	1.00000
5200	4.1142	0.0195	1.0012	22.7642	2.5013	1.00000
5400	4.1306	0.0031	1.0012	22.8585	2.5013	1.00000
5500	4.1385	-0.0049	1.0011	22.9046	2.5013	1.00000
5600	4.1463	-0.0127	1.0011	22.9495	2.5013	1.00000
5800	4.1616	-0.0279	1.0011	23.0372	2.5013	1.00000
6000	4.1763	-0.0426	1.0010	23.1220	2.5013	1.00001
6200	4.1906	-0.0568	1.0010	23.2042	2.5013	1.00001
6400	4.2044	-0.0706	1.0010	23.2838	2.5015	1.00001
6500	4.2111	-0.0773	1.0010	23.3226	2.5016	1.00002
6600	4.2178	-0.0839	1.0010	23.3610	2.5017	1.00002
6800	4.2308	-0.0969	1.0009	23.4360	2.5022	1.00003
7000	4.2435	-0.1095	1.0009	23.5090	2.5026	1.00005
7200	4.2559	-0.1217	1.0009	23.5803	2.5034	1.00009
7400	4.2679	-0.1337	1.0009	23.6500	2.5044	1.00013
7500	4.2739	-0.1395	1.0010	23.6842	2.5050	1.00015
7600	4.2798	-0.1453	1.0010	23.7182	2.5058	1.00019
7800	4.2914	-0.1565	1.0010	23.7851	2.5076	1.00026
8000	4.3028	-0.1675	1.0011	23.8509	2.5100	1.00035
8200	4.3140	-0.1783	1.0012	23.9160	2.5130	1.00049
8400	4.3251	-0.1889	1.0014	23.9806	2.5169	1.00066
8500	4.3307	-0.1940	1.0015	24.0125	2.5192	1.00076
8600	4.3362	-0.1992	1.0016	24.0447	2.5218	1.00088
8800	4.3472	-0.2093	1.0018	24.1088	2.5277	1.00116
9000	4.3582	-0.2192	1.0021	24.1731	2.5352	1.00150
9200	4.3693	-0.2289	1.0025	24.2378	2.5441	1.00193
9400	4.3805	-0.2384	1.0030	24.3034	2.5550	1.00246
9500	4.3862	-0.2431	1.0033	24.3367	2.5612	1.00277
9600	4.3919	-0.2478	1.0036	24.3702	2.5679	1.00311
9800	4.4034	-0.2571	1.0044	24.4386	2.5832	1.00389
10000	4.4152	-0.2663	1.0052	24.5091	2.6012	1.00482
10200	4.4273	-0.2753	1.0063	24.5819	2.6223	1.00594
10400	4.4398	-0.2843	1.0075	24.6576	2.6468	1.00725
10500	4.4461	-0.2887	1.0082	24.6964	2.6604	1.00800
10600	4.4526	-0.2932	1.0090	24.7363	2.6749	1.00879
10800	4.4660	-0.3020	1.0107	24.8189	2.7073	1.01060
11000	4.4798	-0.3109	1.0127	24.9060	2.7442	1.01270
11200	4.4942	-0.3196	1.0149	24.9976	2.7862	1.01511
11400	4.5092	-0.3284	1.0176	25.0947	2.8336	1.01790
11500	4.5170	-0.3329	1.0190	25.1456	2.8596	1.01943
11600	4.5249	-0.3373	1.0205	25.1978	2.8869	1.02108
11800	4.5412	-0.3461	1.0239	25.3073	2.9466	1.02469
12000	4.5582	-0.3550	1.0277	25.4239	3.0131	1.02877
12200	4.5759	-0.3641	1.0320	25.5483	3.0870	1.03339
12400	4.5943	-0.3731	1.0368	25.6807	3.1686	1.03858
12500	4.6038	-0.3777	1.0394	25.7502	3.2125	1.04138
12600	4.6134	-0.3824	1.0422	25.8223	3.2586	1.04436
12800	4.6332	-0.3916	1.0482	25.9728	3.3573	1.05081
13000	4.6537	-0.4011	1.0548	26.1339	3.4653	1.05797
13200	4.6748	-0.4107	1.0621	26.3050	3.5829	1.06587
13400	4.6966	-0.4205	1.0701	26.4877	3.7106	1.07457

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	4.7076	-0.4255	1.0744	26.5834	3.7784	1.07924
13600	4.7189	-0.4305	1.0788	26.6819	3.8489	1.08413
13800	4.7417	-0.4407	1.0884	26.8880	3.9978	1.09456
14000	4.7650	-0.4511	1.0988	27.1067	4.1578	1.10592
14200	4.7887	-0.4616	1.1101	27.3379	4.3290	1.11825
14400	4.8127	-0.4725	1.1223	27.5828	4.5119	1.13159
14500	4.8248	-0.4780	1.1287	27.7100	4.6076	1.13865
14600	4.8370	-0.4835	1.1354	27.8405	4.7061	1.14596
14800	4.8615	-0.4948	1.1495	28.1118	4.9119	1.16138
15000	4.8861	-0.5062	1.1645	28.3958	5.1287	1.17785
15200	4.9107	-0.5180	1.1805	28.6933	5.3567	1.19542
15400	4.9353	-0.5298	1.1975	29.0029	5.5949	1.21401
15500	4.9476	-0.5358	1.2063	29.1627	5.7180	1.22371
15600	4.9598	-0.5418	1.2154	29.3251	5.8432	1.23366
15800	4.9841	-0.5541	1.2342	29.6589	6.1009	1.25433
16000	5.0080	-0.5664	1.2539	30.0027	6.3665	1.27595
16200	5.0317	-0.5788	1.2745	30.3566	6.6396	1.29849
16400	5.0549	-0.5914	1.2959	30.7191	6.9188	1.32187
16500	5.0663	-0.5977	1.3068	30.9028	7.0601	1.33383
16600	5.0776	-0.6040	1.3179	31.0880	7.2022	1.34596
16800	5.0997	-0.6166	1.3406	31.4630	7.4892	1.37073
17000	5.1213	-0.6292	1.3638	31.8416	7.7773	1.39600
17200	5.1421	-0.6417	1.3874	32.2222	8.0652	1.42166
17400	5.1623	-0.6541	1.4112	32.6024	8.3508	1.44755
17500	5.1721	-0.6603	1.4232	32.7923	8.4924	1.46055
17600	5.1817	-0.6665	1.4352	32.9820	8.6331	1.47359
17800	5.2003	-0.6786	1.4593	33.3575	8.9095	1.49958
18000	5.2181	-0.6905	1.4832	33.7280	9.1790	1.52540
18200	5.2350	-0.7022	1.5070	34.0917	9.4397	1.55089
18400	5.2511	-0.7136	1.5303	34.4462	9.6899	1.57591
18500	5.2589	-0.7192	1.5418	34.6204	9.8112	1.58822
18600	5.2664	-0.7248	1.5532	34.7917	9.9292	1.60037
18800	5.2809	-0.7356	1.5756	35.1263	10.1564	1.62416
19000	5.2945	-0.7461	1.5972	35.4481	10.3699	1.64712
19200	5.3074	-0.7563	1.6182	35.7578	10.5699	1.66925
19400	5.3195	-0.7663	1.6384	36.0549	10.7563	1.69048
19500	5.3252	-0.7711	1.6482	36.1979	10.8439	1.70071
19600	5.3308	-0.7757	1.6577	36.3373	10.9280	1.71068
19800	5.3415	-0.7850	1.6762	36.6075	11.0862	1.72996
20000	5.3514	-0.7939	1.6938	36.8633	11.2299	1.74818
20500	5.3737	-0.8148	1.7339	37.4476	11.5330	1.78940
21000	5.3927	-0.8339	1.7687	37.9568	11.7617	1.82467
21500	5.4091	-0.8514	1.7987	38.4030	11.9292	1.85470
22000	5.4234	-0.8676	1.8247	38.7988	12.0491	1.88033
22500	5.4362	-0.8828	1.8474	39.1563	12.1348	1.90248
23000	5.4480	-0.8970	1.8676	39.4875	12.1987	1.92206
23500	5.4593	-0.9107	1.8862	39.8047	12.2529	1.93997
24000	5.4704	-0.9238	1.9038	40.1181	12.3079	1.95704
24500	5.4817	-0.9368	1.9213	40.4386	12.3737	1.97410
25000	5.4934	-0.9496	1.9393	40.7743	12.4589	1.99189
25500	5.5059	-0.9625	1.9585	41.1350	12.5716	2.01113
26000	5.5194	-0.9755	1.9794	41.5271	12.7182	2.03245
26500	5.5340	-0.9888	2.0025	41.9564	12.9039	2.05636
27000	5.5497	-1.0026	2.0284	42.4288	13.1327	2.08337
27500	5.5666	-1.0167	2.0573	42.9451	13.4055	2.11372

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.5846	-1.0312	2.0893	43.5053	13.7217	2.14754
28500	5.6034	-1.0461	2.1244	44.1079	14.0782	2.18480
29000	5.6228	-1.0614	2.1625	44.7471	14.4692	2.22519
29500	5.6427	-1.0768	2.2030	45.4165	14.8878	2.26833
30000	5.6625	-1.0925	2.2456	46.1081	15.3254	2.31365
30500	5.6822	-1.1081	2.2897	46.8125	15.7729	2.36047
31000	5.7014	-1.1236	2.3347	47.5205	16.2206	2.40807
31500	5.7200	-1.1389	2.3798	48.2223	16.6595	2.45571
32000	5.7377	-1.1538	2.4244	48.9098	17.0813	2.50270
32500	5.7544	-1.1682	2.4680	49.5763	17.4800	2.54841
33000	5.7702	-1.1822	2.5102	50.2171	17.8510	2.59240
33500	5.7849	-1.1956	2.5505	50.8274	18.1907	2.63426
34000	5.7986	-1.2086	2.5888	51.4081	18.4994	2.67385
34500	5.8114	-1.2210	2.6250	51.9568	18.7762	2.71098
35000	5.8234	-1.2328	2.6590	52.4761	19.0234	2.74573

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8610	1.3664	0.9838	15.3400	2.4206	1.00000
400	2.9943	1.2346	0.9994	16.0903	2.4672	1.00000
500	3.0943	1.1355	1.0045	16.6611	2.4853	1.00000
600	3.1750	1.0555	1.0063	17.1236	2.4937	1.00000
700	3.2427	0.9883	1.0069	17.5128	2.4982	1.00000
800	3.3011	0.9303	1.0069	17.8490	2.5006	1.00000
900	3.3525	0.8792	1.0068	18.1451	2.5020	1.00000
1000	3.3984	0.8332	1.0065	18.4085	2.5029	1.00000
1200	3.4778	0.7543	1.0059	18.8657	2.5037	1.00000
1400	3.5447	0.6876	1.0053	19.2519	2.5039	1.00000
1500	3.5747	0.6577	1.0051	19.4246	2.5039	1.00000
1600	3.6027	0.6298	1.0048	19.5863	2.5038	1.00000
1800	3.6539	0.5788	1.0044	19.8810	2.5037	1.00000
2000	3.6996	0.5333	1.0040	20.1445	2.5035	1.00000
2200	3.7409	0.4920	1.0037	20.3829	2.5033	1.00000
2400	3.7787	0.4543	1.0034	20.6006	2.5032	1.00000
2500	3.7964	0.4367	1.0032	20.7026	2.5031	1.00000
2600	3.8134	0.4196	1.0031	20.8009	2.5030	1.00000
2800	3.8456	0.3875	1.0029	20.9863	2.5028	1.00000
3000	3.8755	0.3577	1.0027	21.1587	2.5027	1.00000
3200	3.9035	0.3298	1.0025	21.3200	2.5025	1.00000
3400	3.9298	0.3035	1.0024	21.4717	2.5024	1.00000
3500	3.9424	0.2909	1.0023	21.5443	2.5024	1.00000
3600	3.9546	0.2787	1.0022	21.6145	2.5023	1.00000
3800	3.9781	0.2553	1.0021	21.7498	2.5022	1.00000
4000	4.0004	0.2330	1.0020	21.8780	2.5021	1.00000
4200	4.0215	0.2119	1.0019	22.0001	2.5020	1.00000
4400	4.0417	0.1917	1.0018	22.1164	2.5019	1.00000
4500	4.0515	0.1820	1.0018	22.1724	2.5019	1.00000
4600	4.0610	0.1724	1.0017	22.2275	2.5019	1.00000
4800	4.0795	0.1541	1.0017	22.3338	2.5018	1.00000
5000	4.0972	0.1363	1.0016	22.4360	2.5017	1.00000
5200	4.1142	0.1193	1.0015	22.5340	2.5017	1.00000
5400	4.1306	0.1030	1.0015	22.6283	2.5016	1.00000
5500	4.1386	0.0950	1.0014	22.6743	2.5016	1.00000
5600	4.1464	0.0872	1.0014	22.7193	2.5015	1.00000

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.1615	0.0720	1.0014	22.8070	2.5016	1.00000
6000	4.1764	0.0573	1.0013	22.8917	2.5015	1.00001
6200	4.1906	0.0430	1.0013	22.9740	2.5016	1.00001
6400	4.2044	0.0293	1.0012	23.0535	2.5018	1.00001
6500	4.2112	0.0226	1.0012	23.0923	2.5018	1.00002
6600	4.2178	0.0160	1.0012	23.1306	2.5019	1.00002
6800	4.2308	0.0030	1.0012	23.2057	2.5023	1.00003
7000	4.2435	-0.0096	1.0012	23.2787	2.5027	1.00005
7200	4.2559	-0.0218	1.0011	23.3497	2.5033	1.00008
7400	4.2679	-0.0338	1.0011	23.4194	2.5042	1.00011
7500	4.2738	-0.0396	1.0012	23.4535	2.5048	1.00013
7600	4.2797	-0.0454	1.0012	23.4874	2.5055	1.00017
7800	4.2913	-0.0566	1.0012	23.5541	2.5071	1.00023
8000	4.3026	-0.0676	1.0013	23.6197	2.5092	1.00032
8200	4.3138	-0.0784	1.0014	23.6844	2.5119	1.00043
8400	4.3249	-0.0890	1.0015	23.7485	2.5154	1.00059
8500	4.3304	-0.0941	1.0016	23.7803	2.5174	1.00068
8600	4.3359	-0.0992	1.0016	23.8121	2.5197	1.00078
8800	4.3468	-0.1093	1.0019	23.8754	2.5251	1.00104
9000	4.3577	-0.1192	1.0021	23.9388	2.5317	1.00134
9200	4.3686	-0.1289	1.0025	24.0026	2.5397	1.00173
9400	4.3796	-0.1384	1.0029	24.0669	2.5494	1.00220
9500	4.3851	-0.1431	1.0032	24.0994	2.5549	1.00247
9600	4.3907	-0.1478	1.0035	24.1322	2.5610	1.00278
9800	4.4019	-0.1570	1.0041	24.1988	2.5746	1.00348
10000	4.4134	-0.1662	1.0049	24.2673	2.5908	1.00431
10200	4.4252	-0.1752	1.0058	24.3376	2.6097	1.00531
10400	4.4372	-0.1841	1.0069	24.4104	2.6316	1.00648
10500	4.4434	-0.1885	1.0076	24.4478	2.6438	1.00716
10600	4.4497	-0.1929	1.0082	24.4859	2.6567	1.00787
10800	4.4625	-0.2016	1.0097	24.5648	2.6858	1.00949
11000	4.4758	-0.2104	1.0115	24.6476	2.7189	1.01137
11200	4.4896	-0.2190	1.0135	24.7344	2.7565	1.01353
11400	4.5039	-0.2277	1.0158	24.8261	2.7991	1.01603
11500	4.5113	-0.2320	1.0171	24.8739	2.8223	1.01740
11600	4.5188	-0.2364	1.0185	24.9230	2.8469	1.01887
11800	4.5344	-0.2451	1.0215	25.0258	2.9005	1.02212
12000	4.5505	-0.2539	1.0249	25.1347	2.9603	1.02578
12200	4.5673	-0.2627	1.0287	25.2506	3.0266	1.02992
12400	4.5848	-0.2715	1.0330	25.3738	3.1001	1.03458
12500	4.5938	-0.2760	1.0354	25.4385	3.1396	1.03710
12600	4.6029	-0.2805	1.0378	25.5051	3.1810	1.03978
12800	4.6217	-0.2895	1.0432	25.6445	3.2698	1.04557
13000	4.6412	-0.2988	1.0491	25.7934	3.3671	1.05200
13200	4.6613	-0.3081	1.0556	25.9514	3.4731	1.05911
13400	4.6820	-0.3175	1.0627	26.1198	3.5883	1.06695
13500	4.6926	-0.3224	1.0666	26.2079	3.6494	1.07115
13600	4.7033	-0.3272	1.0706	26.2985	3.7130	1.07555
13800	4.7251	-0.3370	1.0792	26.4883	3.8475	1.08495
14000	4.7473	-0.3470	1.0885	26.6893	3.9922	1.09521
14200	4.7701	-0.3571	1.0986	26.9020	4.1473	1.10635
14400	4.7931	-0.3675	1.1095	27.1270	4.3130	1.11841
14500	4.8048	-0.3728	1.1153	27.2441	4.3999	1.12480
14600	4.8165	-0.3781	1.1213	27.3641	4.4894	1.13142
14800	4.8402	-0.3889	1.1340	27.6136	4.6765	1.14540

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15000	4.8640	-0.3999	1.1475	27.8754	4.8741	1.16037
15200	4.8879	-0.4111	1.1620	28.1495	5.0824	1.17635
15400	4.9118	-0.4224	1.1773	28.4351	5.3005	1.19331
15500	4.9238	-0.4282	1.1853	28.5830	5.4135	1.20219
15600	4.9357	-0.4340	1.1935	28.7331	5.5286	1.21129
15800	4.9595	-0.4457	1.2107	29.0422	5.7657	1.23024
16000	4.9831	-0.4575	1.2287	29.3620	6.0115	1.25015
16200	5.0064	-0.4695	1.2475	29.6917	6.2649	1.27096
16400	5.0294	-0.4817	1.2671	30.0307	6.5253	1.29265
16500	5.0408	-0.4877	1.2772	30.2029	6.6575	1.30378
16600	5.0520	-0.4938	1.2874	30.3769	6.7909	1.31509
16800	5.0742	-0.5061	1.3085	30.7301	7.0610	1.33825
17000	5.0958	-0.5183	1.3300	31.0884	7.3343	1.36202
17200	5.1169	-0.5306	1.3521	31.4506	7.6090	1.38631
17400	5.1373	-0.5427	1.3746	31.8145	7.8836	1.41096
17500	5.1472	-0.5488	1.3860	31.9970	8.0205	1.42341
17600	5.1570	-0.5548	1.3974	32.1796	8.1569	1.43592
17800	5.1761	-0.5668	1.4204	32.5435	8.4271	1.46101
18000	5.1944	-0.5787	1.4434	32.9043	8.6924	1.48611
18200	5.2120	-0.5904	1.4665	33.2614	8.9519	1.51111
18400	5.2288	-0.6018	1.4893	33.6119	9.2034	1.53582
18500	5.2369	-0.6075	1.5007	33.7852	9.3263	1.54809
18600	5.2448	-0.6131	1.5119	33.9560	9.4465	1.56022
18800	5.2600	-0.6240	1.5341	34.2910	9.6793	1.58410
19000	5.2744	-0.6347	1.5558	34.6162	9.9010	1.60738
19200	5.2881	-0.6451	1.5770	34.9312	10.1111	1.62999
19400	5.3010	-0.6553	1.5976	35.2351	10.3092	1.65187
19500	5.3072	-0.6603	1.6076	35.3824	10.4031	1.66248
19600	5.3132	-0.6651	1.6174	35.5264	10.4939	1.67287
19800	5.3247	-0.6746	1.6366	35.8060	10.6661	1.69304
20000	5.3355	-0.6838	1.6549	36.0731	10.8252	1.71229
20500	5.3597	-0.7056	1.6973	36.6873	11.1677	1.75636
21000	5.3805	-0.7254	1.7347	37.2279	11.4361	1.79468
21500	5.3984	-0.7437	1.7673	37.7036	11.6404	1.82770
22000	5.4140	-0.7607	1.7958	38.1250	11.7921	1.85608
22500	5.4279	-0.7764	1.8207	38.5028	11.9036	1.88059
23000	5.4404	-0.7912	1.8427	38.8483	11.9865	1.90207
23500	5.4521	-0.8052	1.8626	39.1727	12.0524	1.92135
24000	5.4634	-0.8187	1.8812	39.4868	12.1121	1.93926
24500	5.4746	-0.8317	1.8990	39.7998	12.1749	1.95657
25000	5.4861	-0.8445	1.9168	40.1211	12.2494	1.97404
25500	5.4980	-0.8573	1.9352	40.4592	12.3441	1.99235
26000	5.5107	-0.8701	1.9548	40.8210	12.4653	2.01212
26500	5.5243	-0.8830	1.9761	41.2134	12.6191	2.03394
27000	5.5389	-0.8964	1.9996	41.6422	12.8101	2.05833
27500	5.5546	-0.9099	2.0256	42.1093	13.0401	2.08559
28000	5.5714	-0.9238	2.0544	42.6173	13.3109	2.11601
28500	5.5891	-0.9382	2.0861	43.1660	13.6210	2.14967
29000	5.6075	-0.9529	2.1206	43.7515	13.9669	2.18644
29500	5.6265	-0.9678	2.1577	44.3699	14.3435	2.22610
30000	5.6458	-0.9830	2.1972	45.0158	14.7448	2.26826
30500	5.6651	-0.9982	2.2385	45.6811	15.1631	2.31241
31000	5.6842	-1.0135	2.2812	46.3579	15.5896	2.35794
31500	5.7029	-1.0287	2.3246	47.0369	16.0160	2.40416
32000	5.7209	-1.0436	2.3682	47.7106	16.4340	2.45042

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
32500	5.7381	-1.0581	2.4114	48.3710	16.8366	2.49607
33000	5.7545	-1.0724	2.4538	49.0138	17.2190	2.54063
33500	5.7700	-1.0861	2.4948	49.6319	17.5758	2.58358
34000	5.7845	-1.0993	2.5342	50.2241	17.9052	2.62463
34500	5.7980	-1.1121	2.5718	50.7883	18.2057	2.66357
35000	5.8107	-1.1243	2.6074	51.3238	18.4775	2.70027

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8573	1.4682	0.9796	15.0931	2.3996	1.00000
400	2.9928	1.3347	0.9992	15.8517	2.4587	1.00000
500	3.0937	1.2350	1.0056	16.4259	2.4815	1.00000
600	3.1747	1.1548	1.0079	16.8901	2.4921	1.00000
700	3.2426	1.0876	1.0086	17.2803	2.4977	1.00000
800	3.3012	1.0295	1.0087	17.6172	2.5008	1.00000
900	3.3526	0.9785	1.0085	17.9136	2.5025	1.00000
1000	3.3986	0.9325	1.0082	18.1773	2.5037	1.00000
1200	3.4779	0.8536	1.0074	18.6348	2.5046	1.00000
1400	3.5449	0.7870	1.0067	19.0212	2.5048	1.00000
1500	3.5749	0.7572	1.0063	19.1940	2.5049	1.00000
1600	3.6029	0.7292	1.0060	19.3557	2.5048	1.00000
1800	3.6540	0.6783	1.0055	19.6506	2.5047	1.00000
2000	3.6997	0.6328	1.0050	19.9142	2.5044	1.00000
2200	3.7411	0.5916	1.0046	20.1525	2.5042	1.00000
2400	3.7789	0.5540	1.0042	20.3702	2.5040	1.00000
2500	3.7966	0.5363	1.0041	20.4724	2.5039	1.00000
2600	3.8136	0.5193	1.0039	20.5706	2.5038	1.00000
2800	3.8457	0.4872	1.0037	20.7559	2.5036	1.00000
3000	3.8757	0.4574	1.0034	20.9285	2.5034	1.00000
3200	3.9036	0.4295	1.0032	21.0897	2.5032	1.00000
3400	3.9300	0.4032	1.0030	21.2415	2.5031	1.00000
3500	3.9425	0.3906	1.0029	21.3140	2.5030	1.00000
3600	3.9548	0.3785	1.0028	21.3843	2.5029	1.00000
3800	3.9782	0.3550	1.0027	21.5196	2.5028	1.00000
4000	4.0005	0.3329	1.0025	21.6477	2.5027	1.00000
4200	4.0216	0.3117	1.0024	21.7698	2.5025	1.00000
4400	4.0418	0.2915	1.0023	21.8861	2.5024	1.00000
4500	4.0516	0.2818	1.0022	21.9422	2.5024	1.00000
4600	4.0611	0.2723	1.0022	21.9972	2.5024	1.00000
4800	4.0796	0.2539	1.0021	22.1035	2.5023	1.00000
5000	4.0973	0.2361	1.0020	22.2057	2.5022	1.00000
5200	4.1143	0.2192	1.0019	22.3038	2.5021	1.00000
5400	4.1307	0.2028	1.0018	22.3981	2.5020	1.00000
5500	4.1386	0.1948	1.0018	22.4440	2.5019	1.00000
5600	4.1465	0.1870	1.0018	22.4891	2.5019	1.00000
5800	4.1617	0.1718	1.0017	22.5768	2.5020	1.00000
6000	4.1764	0.1572	1.0016	22.6615	2.5019	1.00000
6200	4.1907	0.1429	1.0016	22.7437	2.5020	1.00001
6400	4.2045	0.1291	1.0015	22.8233	2.5020	1.00001
6500	4.2112	0.1224	1.0015	22.8621	2.5021	1.00001
6600	4.2179	0.1158	1.0015	22.9003	2.5022	1.00002
6800	4.2309	0.1029	1.0015	22.9754	2.5025	1.00003
7000	4.2435	0.0903	1.0014	23.0483	2.5028	1.00004
7200	4.2559	0.0781	1.0014	23.1193	2.5035	1.00007

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.2679	0.0661	1.0014	23.1888	2.5042	1.00010
7500	4.2738	0.0603	1.0014	23.2229	2.5047	1.00012
7600	4.2797	0.0546	1.0014	23.2566	2.5053	1.00015
7800	4.2912	0.0433	1.0014	23.3232	2.5067	1.00021
8000	4.3025	0.0323	1.0015	23.3885	2.5086	1.00029
8200	4.3137	0.0215	1.0015	23.4530	2.5110	1.00039
8400	4.3247	0.0110	1.0016	23.5166	2.5141	1.00052
8500	4.3301	0.0058	1.0017	23.5482	2.5159	1.00060
8600	4.3355	0.0007	1.0018	23.5796	2.5180	1.00070
8800	4.3464	-0.0093	1.0020	23.6422	2.5228	1.00093
9000	4.3571	-0.0192	1.0022	23.7050	2.5287	1.00120
9200	4.3679	-0.0289	1.0025	23.7679	2.5358	1.00155
9400	4.3787	-0.0384	1.0029	23.8312	2.5445	1.00197
9500	4.3842	-0.0431	1.0031	23.8631	2.5494	1.00221
9600	4.3896	-0.0477	1.0034	23.8951	2.5548	1.00249
9800	4.4007	-0.0569	1.0039	23.9602	2.5671	1.00311
10000	4.4119	-0.0661	1.0046	24.0267	2.5815	1.00386
10200	4.4233	-0.0750	1.0055	24.0948	2.5984	1.00475
10400	4.4350	-0.0838	1.0064	24.1651	2.6180	1.00580
10500	4.4410	-0.0882	1.0070	24.2010	2.6289	1.00640
10600	4.4470	-0.0926	1.0076	24.2378	2.6406	1.00704
10800	4.4594	-0.1013	1.0089	24.3133	2.6667	1.00849
11000	4.4722	-0.1099	1.0105	24.3922	2.6964	1.01018
11200	4.4854	-0.1185	1.0123	24.4748	2.7301	1.01211
11400	4.4991	-0.1271	1.0144	24.5616	2.7683	1.01435
11500	4.5062	-0.1313	1.0155	24.6067	2.7892	1.01558
11600	4.5134	-0.1356	1.0167	24.6531	2.8113	1.01691
11800	4.5282	-0.1442	1.0194	24.7498	2.8594	1.01982
12000	4.5435	-0.1528	1.0224	24.8519	2.9131	1.02311
12200	4.5595	-0.1615	1.0259	24.9602	2.9728	1.02683
12400	4.5761	-0.1701	1.0297	25.0750	3.0388	1.03101
12500	4.5847	-0.1745	1.0318	25.1354	3.0744	1.03328
12600	4.5934	-0.1789	1.0340	25.1973	3.1117	1.03568
12800	4.6112	-0.1877	1.0387	25.3267	3.1917	1.04089
13000	4.6297	-0.1966	1.0440	25.4646	3.2793	1.04667
13200	4.6488	-0.2057	1.0498	25.6111	3.3750	1.05307
13400	4.6685	-0.2149	1.0562	25.7664	3.4789	1.06012
13500	4.6786	-0.2195	1.0597	25.8477	3.5340	1.06390
13600	4.6888	-0.2242	1.0632	25.9313	3.5915	1.06787
13800	4.7096	-0.2336	1.0709	26.1062	3.7130	1.07635
14000	4.7309	-0.2432	1.0793	26.2914	3.8439	1.08561
14200	4.7527	-0.2530	1.0883	26.4873	3.9844	1.09566
14400	4.7748	-0.2630	1.0981	26.6944	4.1346	1.10657
14500	4.7860	-0.2681	1.1033	26.8023	4.2135	1.11235
14600	4.7973	-0.2732	1.1087	26.9125	4.2947	1.11834
14800	4.8201	-0.2835	1.1201	27.1422	4.4648	1.13101
15000	4.8431	-0.2941	1.1323	27.3835	4.6448	1.14460
15200	4.8662	-0.3048	1.1453	27.6362	4.8347	1.15913
15400	4.8894	-0.3156	1.1591	27.8998	5.0341	1.17458
15500	4.9011	-0.3212	1.1664	28.0364	5.1376	1.18268
15600	4.9127	-0.3267	1.1738	28.1754	5.2433	1.19099
15800	4.9359	-0.3379	1.1893	28.4613	5.4611	1.20833
16000	4.9591	-0.3493	1.2057	28.7582	5.6878	1.22660
16200	4.9820	-0.3608	1.2228	29.0645	5.9221	1.24574
16400	5.0047	-0.3726	1.2408	29.3805	6.1639	1.26577

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16500	5.0159	-0.3784	1.2500	29.5415	6.2870	1.27608
16600	5.0271	-0.3843	1.2594	29.7043	6.4115	1.28657
16800	5.0491	-0.3961	1.2787	30.0355	6.6645	1.30812
17000	5.0707	-0.4079	1.2987	30.3730	6.9217	1.33034
17200	5.0918	-0.4199	1.3193	30.7160	7.1820	1.35317
17400	5.1124	-0.4318	1.3403	31.0624	7.4439	1.37649
17500	5.1224	-0.4377	1.3510	31.2364	7.5749	1.38829
17600	5.1323	-0.4436	1.3617	31.4111	7.7059	1.40020
17800	5.1517	-0.4554	1.3835	31.7606	7.9669	1.42419
18000	5.1704	-0.4670	1.4054	32.1093	8.2253	1.44834
18200	5.1885	-0.4786	1.4275	32.4565	8.4799	1.47258
18400	5.2058	-0.4900	1.4495	32.7993	8.7289	1.49670
18500	5.2142	-0.4957	1.4605	32.9697	8.8514	1.50874
18600	5.2224	-0.5013	1.4714	33.1379	8.9717	1.52068
18800	5.2383	-0.5123	1.4932	33.4701	9.2067	1.54435
19000	5.2534	-0.5230	1.5147	33.7945	9.4327	1.56760
19200	5.2678	-0.5336	1.5357	34.1109	9.6490	1.59036
19400	5.2815	-0.5439	1.5564	34.4180	9.8551	1.61256
19500	5.2880	-0.5490	1.5665	34.5678	9.9540	1.62340
19600	5.2944	-0.5539	1.5764	34.7147	10.0498	1.63405
19800	5.3067	-0.5637	1.5959	35.0010	10.2333	1.65485
20000	5.3183	-0.5732	1.6148	35.2764	10.4049	1.67486
20500	5.3444	-0.5956	1.6589	35.9150	10.7819	1.72126
21000	5.3670	-0.6162	1.6984	36.4834	11.0869	1.76228
21500	5.3866	-0.6353	1.7334	36.9873	11.3271	1.79812
22000	5.4036	-0.6529	1.7642	37.4343	11.5115	1.82921
22500	5.4185	-0.6694	1.7913	37.8340	11.6507	1.85618
23000	5.4320	-0.6847	1.8153	38.1965	11.7560	1.87976
23500	5.4444	-0.6991	1.8368	38.5322	11.8381	1.90072
24000	5.4560	-0.7130	1.8565	38.8514	11.9072	1.91984
24500	5.4673	-0.7262	1.8751	39.1628	11.9724	1.93784
25000	5.4787	-0.7391	1.8932	39.4757	12.0426	1.95545
25500	5.4902	-0.7519	1.9113	39.7979	12.1257	1.97334
26000	5.5023	-0.7645	1.9301	40.1369	12.2283	1.99211
26500	5.5152	-0.7773	1.9500	40.4995	12.3569	2.01239
27000	5.5288	-0.7902	1.9717	40.8917	12.5165	2.03468
27500	5.5435	-0.8033	1.9953	41.3162	12.7098	2.05936
28000	5.5591	-0.8168	2.0214	41.7777	12.9402	2.08681
28500	5.5757	-0.8306	2.0500	42.2764	13.2075	2.11720
29000	5.5931	-0.8447	2.0812	42.8110	13.5101	2.15056
29500	5.6111	-0.8591	2.1150	43.3795	13.8450	2.18681
30000	5.6297	-0.8738	2.1513	43.9783	14.2079	2.22574
30500	5.6484	-0.8887	2.1896	44.6007	14.5921	2.26693
31000	5.6672	-0.9036	2.2297	45.2399	14.9909	2.30990
31500	5.6857	-0.9185	2.2709	45.8888	15.3966	2.35410
32000	5.7039	-0.9333	2.3129	46.5401	15.8023	2.39896
32500	5.7214	-0.9478	2.3550	47.1863	16.2005	2.44385
33000	5.7382	-0.9622	2.3969	47.8219	16.5856	2.48827
33500	5.7543	-0.9761	2.4379	48.4405	16.9520	2.53167
34000	5.7694	-0.9896	2.4778	49.0376	17.2958	2.57364
34500	5.7837	-1.0026	2.5164	49.6120	17.6150	2.61392
35000	5.7971	-1.0151	2.5532	50.1595	17.9076	2.65222

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8524	1.5707	0.9741	14.8415	2.3729	1.00000
400	2.9909	1.4348	0.9990	15.6109	2.4480	1.00000
500	3.0928	1.3344	1.0071	16.1895	2.4767	1.00000
600	3.1744	1.2540	1.0099	16.6558	2.4901	1.00000
700	3.2425	1.1866	1.0108	17.0473	2.4971	1.00000
800	3.3012	1.1286	1.0109	17.3849	2.5010	1.00000
900	3.3527	1.0775	1.0107	17.6818	2.5032	1.00000
1000	3.3987	1.0316	1.0103	17.9458	2.5046	1.00000
1200	3.4781	0.9528	1.0093	18.4039	2.5058	1.00000
1400	3.5451	0.8863	1.0084	18.7905	2.5061	1.00000
1500	3.5751	0.8565	1.0080	18.9633	2.5061	1.00000
1600	3.6031	0.8286	1.0076	19.1251	2.5061	1.00000
1800	3.6542	0.7777	1.0069	19.4200	2.5059	1.00000
2000	3.6999	0.7323	1.0063	19.6837	2.5056	1.00000
2200	3.7413	0.6911	1.0058	19.9222	2.5053	1.00000
2400	3.7790	0.6535	1.0053	20.1398	2.5051	1.00000
2500	3.7967	0.6358	1.0051	20.2422	2.5049	1.00000
2600	3.8137	0.6189	1.0049	20.3402	2.5048	1.00000
2800	3.8459	0.5869	1.0046	20.5256	2.5045	1.00000
3000	3.8758	0.5570	1.0043	20.6982	2.5043	1.00000
3200	3.9038	0.5291	1.0040	20.8595	2.5040	1.00000
3400	3.9301	0.5029	1.0038	21.0112	2.5038	1.00000
3500	3.9427	0.4903	1.0037	21.0837	2.5038	1.00000
3600	3.9549	0.4782	1.0036	21.1540	2.5037	1.00000
3800	3.9783	0.4547	1.0034	21.2894	2.5035	1.00000
4000	4.0006	0.4326	1.0032	21.4174	2.5033	1.00000
4200	4.0217	0.4115	1.0030	21.5395	2.5032	1.00000
4400	4.0419	0.3913	1.0029	21.6558	2.5030	1.00000
4500	4.0517	0.3816	1.0028	21.7121	2.5030	1.00000
4600	4.0612	0.3721	1.0028	21.7670	2.5030	1.00000
4800	4.0797	0.3536	1.0026	21.8733	2.5029	1.00000
5000	4.0974	0.3360	1.0025	21.9754	2.5027	1.00000
5200	4.1144	0.3189	1.0024	22.0736	2.5026	1.00000
5400	4.1308	0.3026	1.0023	22.1680	2.5025	1.00000
5500	4.1387	0.2946	1.0023	22.2137	2.5025	1.00000
5600	4.1466	0.2869	1.0022	22.2588	2.5024	1.00000
5900	4.1618	0.2716	1.0021	22.3466	2.5024	1.00000
6000	4.1765	0.2570	1.0021	22.4313	2.5024	1.00000
6200	4.1907	0.2427	1.0020	22.5135	2.5024	1.00001
6400	4.2045	0.2289	1.0019	22.5930	2.5024	1.00001
6500	4.2113	0.2223	1.0019	22.6318	2.5025	1.00001
6600	4.2179	0.2157	1.0019	22.6700	2.5025	1.00002
6800	4.2309	0.2027	1.0018	22.7450	2.5028	1.00003
7000	4.2436	0.1901	1.0018	22.8180	2.5031	1.00004
7200	4.2559	0.1779	1.0018	22.8889	2.5036	1.00006
7400	4.2679	0.1660	1.0017	22.9581	2.5043	1.00009
7500	4.2738	0.1602	1.0017	22.9924	2.5047	1.00010
7600	4.2797	0.1545	1.0017	23.0258	2.5053	1.00013
7800	4.2912	0.1432	1.0017	23.0923	2.5065	1.00018
8000	4.3024	0.1322	1.0018	23.1573	2.5082	1.00026
8200	4.3135	0.1214	1.0018	23.2216	2.5103	1.00035
8400	4.3245	0.1109	1.0019	23.2849	2.5131	1.00047
8500	4.3299	0.1057	1.0019	23.3163	2.5147	1.00054
8600	4.3353	0.1006	1.0020	23.3475	2.5165	1.00062
8800	4.3460	0.0906	1.0021	23.4095	2.5208	1.00083

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.3567	0.0807	1.0023	23.4717	2.5261	1.00107
9200	4.3673	0.0711	1.0026	23.5337	2.5324	1.00138
9400	4.3780	0.0616	1.0029	23.5959	2.5402	1.00176
9500	4.3833	0.0569	1.0031	23.6273	2.5446	1.00198
9600	4.3887	0.0523	1.0034	23.6586	2.5495	1.00222
9800	4.3995	0.0431	1.0039	23.7224	2.5604	1.00278
10000	4.4105	0.0340	1.0045	23.7872	2.5733	1.00346
10200	4.4216	0.0251	1.0052	23.8534	2.5885	1.00425
10400	4.4330	0.0163	1.0061	23.9214	2.6060	1.00519
10500	4.4388	0.0120	1.0066	23.9561	2.6158	1.00573
10600	4.4447	0.0076	1.0071	23.9915	2.6263	1.00630
10800	4.4566	-0.0010	1.0083	24.0642	2.6496	1.00761
11000	4.4689	-0.0095	1.0097	24.1395	2.6764	1.00911
11200	4.4816	-0.0181	1.0113	24.2184	2.7066	1.01085
11400	4.4948	-0.0265	1.0131	24.3008	2.7409	1.01285
11500	4.5015	-0.0308	1.0141	24.3436	2.7597	1.01397
11600	4.5084	-0.0350	1.0152	24.3874	2.7795	1.01515
11800	4.5226	-0.0435	1.0176	24.4787	2.8227	1.01777
12000	4.5372	-0.0519	1.0203	24.5747	2.8711	1.02072
12200	4.5525	-0.0604	1.0233	24.6762	2.9248	1.02406
12400	4.5683	-0.0689	1.0268	24.7837	2.9842	1.02781
12500	4.5764	-0.0732	1.0286	24.8400	3.0163	1.02986
12600	4.5847	-0.0775	1.0306	24.8977	3.0499	1.03202
12800	4.6016	-0.0860	1.0348	25.0182	3.1219	1.03670
13000	4.6192	-0.0947	1.0395	25.1462	3.2010	1.04190
13200	4.6374	-0.1036	1.0447	25.2822	3.2872	1.04766
13400	4.6562	-0.1125	1.0504	25.4260	3.3811	1.05402
13500	4.6657	-0.1170	1.0535	25.5012	3.4308	1.05742
13600	4.6755	-0.1215	1.0567	25.5785	3.4827	1.06100
13800	4.6953	-0.1306	1.0636	25.7401	3.5927	1.06865
14000	4.7156	-0.1399	1.0710	25.9111	3.7111	1.07700
14200	4.7364	-0.1494	1.0792	26.0918	3.8384	1.08608
14400	4.7577	-0.1590	1.0879	26.2827	3.9746	1.09595
14500	4.7684	-0.1639	1.0926	26.3822	4.0462	1.10118
14600	4.7792	-0.1687	1.0974	26.4838	4.1200	1.10660
14800	4.8011	-0.1786	1.1076	26.6955	4.2745	1.11808
15000	4.8233	-0.1888	1.1186	26.9180	4.4384	1.13041
15200	4.8457	-0.1991	1.1303	27.1510	4.6115	1.14359
15400	4.8682	-0.2094	1.1427	27.3946	4.7938	1.15766
15500	4.8795	-0.2148	1.1493	27.5206	4.8884	1.16503
15600	4.8908	-0.2201	1.1560	27.6492	4.9853	1.17263
15800	4.9134	-0.2308	1.1700	27.9139	5.1852	1.18846
16000	4.9360	-0.2418	1.1849	28.1889	5.3937	1.20518
16200	4.9585	-0.2528	1.2004	28.4734	5.6100	1.22276
16400	4.9808	-0.2640	1.2168	28.7674	5.8337	1.24119
16500	4.9919	-0.2697	1.2252	28.9175	5.9479	1.25070
16600	5.0029	-0.2753	1.2338	29.0696	6.0638	1.26041
16800	5.0246	-0.2867	1.2515	29.3794	6.2997	1.28038
17000	5.0461	-0.2982	1.2699	29.6966	6.5408	1.30106
17200	5.0671	-0.3097	1.2889	30.0194	6.7857	1.32238
17400	5.0877	-0.3213	1.3084	30.3472	7.0335	1.34427
17500	5.0978	-0.3271	1.3183	30.5123	7.1580	1.35540
17600	5.1078	-0.3328	1.3283	30.6781	7.2826	1.36662
17800	5.1274	-0.3443	1.3487	31.0115	7.5325	1.38936
18000	5.1463	-0.3558	1.3694	31.3462	7.7816	1.41240

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.1647	-0.3672	1.3903	31.6805	8.0286	1.43564
18400	5.1824	-0.3784	1.4113	32.0129	8.2721	1.45893
18500	5.1911	-0.3841	1.4218	32.1789	8.3927	1.47061
18600	5.1995	-0.3895	1.4323	32.3429	8.5114	1.48222
18800	5.2159	-0.4006	1.4534	32.6691	8.7452	1.50541
19000	5.2316	-0.4113	1.4743	32.9893	8.9718	1.52833
19200	5.2467	-0.4219	1.4950	33.3036	9.1909	1.55094
19400	5.2610	-0.4323	1.5153	33.6104	9.4014	1.57314
19500	5.2679	-0.4374	1.5254	33.7611	9.5032	1.58406
19600	5.2746	-0.4424	1.5353	33.9090	9.6025	1.59483
19800	5.2876	-0.4524	1.5549	34.1992	9.7941	1.61596
20000	5.2999	-0.4621	1.5739	34.4794	9.9748	1.63644
20500	5.3279	-0.4850	1.6190	35.1357	10.3798	1.68451
21000	5.3523	-0.5064	1.6602	35.7274	10.7174	1.72776
21500	5.3735	-0.5261	1.6972	36.2566	10.9912	1.76613
22000	5.3920	-0.5445	1.7301	36.7286	11.2080	1.79982
22500	5.4082	-0.5615	1.7593	37.1508	11.3764	1.82928
23000	5.4227	-0.5774	1.7853	37.5323	11.5063	1.85510
23500	5.4358	-0.5924	1.8086	37.8823	11.6078	1.87796
24000	5.4480	-0.6066	1.8297	38.2102	11.6903	1.89857
24500	5.4597	-0.6202	1.8493	38.5245	11.7626	1.91758
25000	5.4711	-0.6333	1.8680	38.8338	11.8339	1.93573
25500	5.4825	-0.6461	1.8862	39.1460	11.9111	1.95363
26000	5.4942	-0.6588	1.9047	39.4687	12.0016	1.97191
26500	5.5064	-0.6714	1.9238	39.8080	12.1115	1.99115
27000	5.5194	-0.6841	1.9440	40.1702	12.2461	2.01186
27500	5.5331	-0.6969	1.9659	40.5596	12.4095	2.03450
28000	5.5477	-0.7099	1.9897	40.9802	12.6048	2.05945
28500	5.5632	-0.7233	2.0156	41.4343	12.8337	2.08698
29000	5.5795	-0.7369	2.0440	41.9218	13.0959	2.11723
29500	5.5966	-0.7507	2.0747	42.4421	13.3900	2.15024
30000	5.6143	-0.7650	2.1078	42.9938	13.7135	2.18591
30500	5.6323	-0.7794	2.1431	43.5710	14.0611	2.22400
31000	5.6506	-0.7939	2.1802	44.1693	14.4281	2.26413
31500	5.6688	-0.8085	2.2190	44.7833	14.8081	2.30594
32000	5.6868	-0.8230	2.2588	45.4060	15.1944	2.34889
32500	5.7045	-0.8375	2.2994	46.0311	15.5810	2.39245
33000	5.7216	-0.8517	2.3401	46.6510	15.9603	2.43604
33500	5.7380	-0.8658	2.3806	47.2620	16.3283	2.47924
34000	5.7537	-0.8794	2.4204	47.8577	16.6795	2.52153
34500	5.7685	-0.8926	2.4593	48.4343	17.0104	2.56255
35000	5.7826	-0.9054	2.4968	48.9898	17.3192	2.60201

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8462	1.6738	0.9672	14.5842	2.3390	1.00000
400	2.9885	1.5349	0.9988	15.3674	2.4345	1.00000
500	3.0918	1.4336	1.0089	15.9514	2.4708	1.00000
600	3.1739	1.3529	1.0125	16.4205	2.4876	1.00000
700	3.2424	1.2854	1.0136	16.8135	2.4964	1.00000
800	3.3012	1.2274	1.0137	17.1521	2.5012	1.00000
900	3.3529	1.1764	1.0134	17.4497	2.5040	1.00000
1000	3.3989	1.1305	1.0129	17.7141	2.5057	1.00000
1200	3.4784	1.0517	1.0117	18.1727	2.5073	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5454	0.9854	1.0106	18.5595	2.5077	1.00000
1500	3.5754	0.9556	1.0100	18.7326	2.5077	1.00000
1600	3.6034	0.9277	1.0095	18.8944	2.5076	1.00000
1800	3.6545	0.8770	1.0087	19.1894	2.5074	1.00000
2000	3.7002	0.8315	1.0079	19.4533	2.5071	1.00000
2200	3.7415	0.7905	1.0073	19.6919	2.5066	1.00000
2400	3.7793	0.7529	1.0067	19.9096	2.5064	1.00000
2500	3.7969	0.7352	1.0064	20.0119	2.5062	1.00000
2600	3.8139	0.7184	1.0062	20.1099	2.5060	1.00000
2800	3.8461	0.6863	1.0058	20.2953	2.5057	1.00000
3000	3.8760	0.6565	1.0054	20.4680	2.5053	1.00000
3200	3.9040	0.6287	1.0051	20.6293	2.5051	1.00000
3400	3.9303	0.6025	1.0048	20.7808	2.5048	1.00000
3500	3.9428	0.5899	1.0046	20.8534	2.5048	1.00000
3600	3.9550	0.5778	1.0045	20.9237	2.5046	1.00000
3800	3.9785	0.5544	1.0042	21.0591	2.5044	1.00000
4000	4.0007	0.5322	1.0040	21.1873	2.5042	1.00000
4200	4.0219	0.5111	1.0038	21.3093	2.5040	1.00000
4400	4.0421	0.4910	1.0036	21.4256	2.5038	1.00000
4500	4.0518	0.4813	1.0035	21.4818	2.5037	1.00000
4600	4.0613	0.4718	1.0035	21.5368	2.5037	1.00000
4800	4.0798	0.4533	1.0033	21.6431	2.5036	1.00000
5000	4.0975	0.4357	1.0032	21.7452	2.5034	1.00000
5200	4.1145	0.4186	1.0030	21.8434	2.5033	1.00000
5400	4.1309	0.4023	1.0029	21.9378	2.5032	1.00000
5500	4.1388	0.3944	1.0029	21.9835	2.5031	1.00000
5600	4.1467	0.3866	1.0028	22.0285	2.5031	1.00000
5800	4.1619	0.3714	1.0027	22.1165	2.5030	1.00000
6000	4.1766	0.3567	1.0026	22.2012	2.5030	1.00000
6200	4.1908	0.3425	1.0025	22.2832	2.5029	1.00001
6400	4.2046	0.3288	1.0024	22.3627	2.5029	1.00001
6500	4.2114	0.3220	1.0024	22.4016	2.5030	1.00001
6600	4.2180	0.3154	1.0024	22.4398	2.5030	1.00001
6800	4.2310	0.3025	1.0023	22.5147	2.5032	1.00002
7000	4.2437	0.2899	1.0022	22.5876	2.5035	1.00003
7200	4.2560	0.2777	1.0022	22.6586	2.5039	1.00005
7400	4.2680	0.2659	1.0021	22.7277	2.5046	1.00008
7500	4.2738	0.2600	1.0021	22.7618	2.5049	1.00009
7600	4.2797	0.2543	1.0021	22.7952	2.5053	1.00011
7800	4.2912	0.2430	1.0021	22.8616	2.5065	1.00016
8000	4.3024	0.2320	1.0021	22.9264	2.5079	1.00023
8200	4.3135	0.2213	1.0021	22.9903	2.5098	1.00031
8400	4.3244	0.2108	1.0022	23.0533	2.5123	1.00042
8500	4.3297	0.2056	1.0022	23.0845	2.5137	1.00048
8600	4.3351	0.2005	1.0023	23.1155	2.5154	1.00056
8800	4.3457	0.1905	1.0024	23.1771	2.5191	1.00074
9000	4.3563	0.1806	1.0026	23.2387	2.5239	1.00096
9200	4.3668	0.1710	1.0028	23.2998	2.5295	1.00124
9400	4.3774	0.1615	1.0031	23.3612	2.5365	1.00158
9500	4.3826	0.1568	1.0032	23.3921	2.5404	1.00177
9600	4.3879	0.1522	1.0034	23.4229	2.5448	1.00199
9800	4.3985	0.1431	1.0039	23.4853	2.5546	1.00249
10000	4.4093	0.1341	1.0044	23.5487	2.5661	1.00309
10200	4.4202	0.1252	1.0050	23.6132	2.5797	1.00380
10400	4.4312	0.1164	1.0058	23.6791	2.5954	1.00465

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.4369	0.1121	1.0062	23.7127	2.6042	1.00513
10600	4.4426	0.1078	1.0067	23.7469	2.6137	1.00564
10800	4.4541	0.0992	1.0078	23.8169	2.6346	1.00681
11000	4.4660	0.0907	1.0090	23.8894	2.6586	1.00817
11200	4.4783	0.0823	1.0104	23.9648	2.6857	1.00972
11400	4.4909	0.0739	1.0121	24.0433	2.7165	1.01152
11500	4.4974	0.0697	1.0130	24.0840	2.7334	1.01252
11600	4.5040	0.0655	1.0139	24.1256	2.7512	1.01359
11800	4.5175	0.0572	1.0161	24.2119	2.7901	1.01593
12000	4.5315	0.0489	1.0185	24.3026	2.8336	1.01859
12200	4.5460	0.0405	1.0212	24.3981	2.8820	1.02159
12400	4.5611	0.0322	1.0242	24.4989	2.9355	1.02496
12500	4.5688	0.0280	1.0259	24.5515	2.9644	1.02681
12600	4.5767	0.0238	1.0276	24.6056	2.9947	1.02874
12800	4.5929	0.0154	1.0314	24.7182	3.0597	1.03296
13000	4.6096	0.0069	1.0356	24.8373	3.1310	1.03764
13200	4.6269	-0.0017	1.0402	24.9638	3.2088	1.04284
13400	4.6443	-0.0104	1.0454	25.0975	3.2936	1.04856
13500	4.6539	-0.0147	1.0481	25.1671	3.3386	1.05163
13600	4.6632	-0.0191	1.0510	25.2388	3.3855	1.05485
13800	4.6821	-0.0280	1.0571	25.3884	3.4850	1.06176
14000	4.7015	-0.0370	1.0638	25.5466	3.5924	1.06930
14200	4.7214	-0.0461	1.0710	25.7136	3.7077	1.07751
14400	4.7417	-0.0554	1.0789	25.8901	3.8313	1.08642
14500	4.7520	-0.0600	1.0831	25.9818	3.8962	1.09115
14600	4.7624	-0.0648	1.0874	26.0758	3.9633	1.09606
14800	4.7834	-0.0743	1.0965	26.2710	4.1038	1.10646
15000	4.8048	-0.0840	1.1064	26.4764	4.2531	1.11764
15200	4.8264	-0.0938	1.1169	26.6916	4.4109	1.12961
15400	4.8481	-0.1038	1.1281	26.9167	4.5774	1.14241
15500	4.8591	-0.1089	1.1340	27.0332	4.6639	1.14912
15600	4.8700	-0.1140	1.1400	27.1521	4.7525	1.15604
15800	4.8920	-0.1244	1.1527	27.3971	4.9359	1.17049
16000	4.9140	-0.1348	1.1661	27.6519	5.1273	1.18577
16200	4.9360	-0.1454	1.1802	27.9160	5.3266	1.20188
16400	4.9578	-0.1562	1.1950	28.1891	5.5331	1.21880
16500	4.9687	-0.1616	1.2026	28.3290	5.6389	1.22755
16600	4.9795	-0.1671	1.2105	28.4707	5.7463	1.23649
16800	5.0010	-0.1780	1.2267	28.7600	5.9656	1.25493
17000	5.0222	-0.1891	1.2435	29.0572	6.1905	1.27411
17200	5.0431	-0.2002	1.2609	29.3601	6.4199	1.29392
17400	5.0636	-0.2114	1.2789	29.6688	6.6530	1.31436
17500	5.0737	-0.2170	1.2881	29.8250	6.7707	1.32479
17600	5.0836	-0.2225	1.2973	29.9816	6.8886	1.33531
17800	5.1033	-0.2337	1.3163	30.2983	7.1261	1.35674
18000	5.1224	-0.2450	1.3356	30.6177	7.3643	1.37856
18200	5.1410	-0.2561	1.3552	30.9377	7.6017	1.40066
18400	5.1590	-0.2671	1.3751	31.2580	7.8376	1.42297
18500	5.1678	-0.2727	1.3851	31.4180	7.9548	1.43419
18600	5.1764	-0.2781	1.3951	31.5774	8.0709	1.44540
18800	5.1932	-0.2890	1.4152	31.8942	8.3002	1.46783
19000	5.2094	-0.2996	1.4353	32.2073	8.5245	1.49017
19200	5.2250	-0.3102	1.4553	32.5163	8.7430	1.51235
19400	5.2399	-0.3206	1.4751	32.8199	8.9550	1.53428
19500	5.2471	-0.3257	1.4850	32.9692	9.0579	1.54510

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.2541	-0.3308	1.4947	33.1169	9.1590	1.55584
19800	5.2677	-0.3408	1.5141	33.4072	9.3552	1.57700
20000	5.2807	-0.3506	1.5330	33.6891	9.5422	1.59765
20500	5.3104	-0.3740	1.5784	34.3561	9.9685	1.64672
21000	5.3365	-0.3959	1.6206	34.9655	10.3332	1.69167
21500	5.3593	-0.4163	1.6591	35.5159	10.6369	1.73215
22000	5.3792	-0.4353	1.6938	36.0105	10.8841	1.76815
22500	5.3968	-0.4529	1.7250	36.4541	11.0811	1.79994
23000	5.4124	-0.4695	1.7528	36.8553	11.2367	1.82800
23500	5.4264	-0.4850	1.7779	37.2210	11.3595	1.85284
24000	5.4393	-0.4996	1.8005	37.5601	11.4584	1.87511
24500	5.4515	-0.5136	1.8213	37.8809	11.5421	1.89544
25000	5.4631	-0.5270	1.8409	38.1916	11.6186	1.91447
25500	5.4746	-0.5400	1.8596	38.4989	11.6953	1.93279
26000	5.4861	-0.5527	1.8781	38.8109	11.7793	1.95102
26500	5.4979	-0.5653	1.8968	39.1331	11.8764	1.96970
27000	5.5103	-0.5778	1.9162	39.4720	11.9922	1.98934
27500	5.5233	-0.5904	1.9368	39.8329	12.1316	2.01045
28000	5.5370	-0.6031	1.9587	40.2188	12.2977	2.03339
28500	5.5515	-0.6161	1.9825	40.6340	12.4935	2.05851
29000	5.5669	-0.6293	2.0084	41.0793	12.7196	2.08604
29500	5.5830	-0.6427	2.0363	41.5550	12.9760	2.11609
30000	5.5997	-0.6564	2.0665	42.0612	13.2615	2.14871
30500	5.6170	-0.6703	2.0988	42.5937	13.5724	2.18372
31000	5.6346	-0.6844	2.1331	43.1505	13.9058	2.22097
31500	5.6523	-0.6986	2.1692	43.7261	14.2561	2.26012
32000	5.6700	-0.7129	2.2066	44.3152	14.6178	2.30076
32500	5.6875	-0.7271	2.2451	44.9122	14.9852	2.34245
33000	5.7047	-0.7412	2.2842	45.5105	15.3522	2.38468
33500	5.7213	-0.7552	2.3235	46.1060	15.7141	2.42704
34000	5.7374	-0.7689	2.3627	46.6930	16.0655	2.46904
34500	5.7527	-0.7822	2.4013	47.2657	16.4017	2.51023
35000	5.7673	-0.7953	2.4391	47.8232	16.7210	2.55035

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8379	1.7778	0.9583	14.3191	2.2952	1.00000
400	2.9854	1.6350	0.9985	15.1205	2.4175	1.00000
500	3.0905	1.5326	1.0111	15.7114	2.4633	1.00000
600	3.1734	1.4515	1.0156	16.1839	2.4844	1.00000
700	3.2422	1.3839	1.0171	16.5788	2.4954	1.00000
800	3.3013	1.3259	1.0172	16.9186	2.5015	1.00000
900	3.3531	1.2749	1.0168	17.2170	2.5051	1.00000
1000	3.3992	1.2290	1.0162	17.4820	2.5071	1.00000
1200	3.4787	1.1505	1.0147	17.9413	2.5091	1.00000
1400	3.5457	1.0842	1.0133	18.3286	2.5097	1.00000
1500	3.5757	1.0545	1.0126	18.5018	2.5096	1.00000
1600	3.6037	1.0267	1.0120	18.6637	2.5096	1.00000
1800	3.6548	0.9761	1.0109	18.9588	2.5092	1.00000
2000	3.7005	0.9307	1.0099	19.2229	2.5088	1.00000
2200	3.7418	0.8896	1.0091	19.4615	2.5083	1.00000
2400	3.7795	0.8522	1.0084	19.6792	2.5080	1.00000
2500	3.7972	0.8345	1.0081	19.7815	2.5078	1.00000
2600	3.8142	0.8177	1.0078	19.8796	2.5075	1.00000

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8463	0.7857	1.0073	20.0650	2.5071	1.00000
3000	3.8762	0.7559	1.0068	20.2377	2.5068	1.00000
3200	3.9042	0.7281	1.0064	20.3990	2.5064	1.00000
3400	3.9305	0.7020	1.0060	20.5506	2.5061	1.00000
3500	3.9430	0.6894	1.0058	20.6232	2.5060	1.00000
3600	3.9553	0.6773	1.0056	20.6935	2.5058	1.00000
3800	3.9787	0.6539	1.0053	20.8288	2.5055	1.00000
4000	4.0009	0.6317	1.0051	20.9572	2.5053	1.00000
4200	4.0221	0.6106	1.0048	21.0791	2.5051	1.00000
4400	4.0422	0.5905	1.0046	21.1954	2.5049	1.00000
4500	4.0520	0.5809	1.0045	21.2516	2.5048	1.00000
4600	4.0615	0.5713	1.0044	21.3066	2.5047	1.00000
4800	4.0800	0.5529	1.0042	21.4130	2.5045	1.00000
5000	4.0977	0.5353	1.0040	21.5150	2.5043	1.00000
5200	4.1147	0.5183	1.0038	21.6132	2.5041	1.00000
5400	4.1310	0.5020	1.0037	21.7076	2.5040	1.00000
5500	4.1390	0.4941	1.0036	21.7534	2.5039	1.00000
5600	4.1468	0.4863	1.0035	21.7984	2.5039	1.00000
5800	4.1620	0.4711	1.0034	21.8862	2.5037	1.00000
6000	4.1767	0.4564	1.0033	21.9709	2.5037	1.00000
6200	4.1910	0.4423	1.0032	22.0530	2.5036	1.00001
6400	4.2047	0.4285	1.0030	22.1324	2.5036	1.00001
6500	4.2115	0.4217	1.0030	22.1714	2.5036	1.00001
6600	4.2181	0.4152	1.0030	22.2096	2.5037	1.00001
6800	4.2311	0.4023	1.0029	22.2844	2.5038	1.00002
7000	4.2437	0.3897	1.0028	22.3572	2.5040	1.00003
7200	4.2560	0.3775	1.0027	22.4282	2.5044	1.00005
7400	4.2680	0.3656	1.0027	22.4973	2.5049	1.00007
7500	4.2739	0.3598	1.0026	22.5313	2.5052	1.00008
7600	4.2797	0.3540	1.0026	22.5648	2.5056	1.00010
7800	4.2912	0.3428	1.0026	22.6309	2.5065	1.00015
8000	4.3024	0.3318	1.0026	22.6956	2.5079	1.00021
8200	4.3134	0.3211	1.0026	22.7592	2.5095	1.00028
8400	4.3242	0.3106	1.0026	22.8219	2.5117	1.00038
8500	4.3296	0.3054	1.0026	22.8530	2.5130	1.00043
8600	4.3349	0.3003	1.0027	22.8839	2.5144	1.00050
8800	4.3455	0.2903	1.0028	22.9449	2.5178	1.00066
9000	4.3560	0.2805	1.0029	23.0059	2.5221	1.00086
9200	4.3664	0.2709	1.0031	23.0664	2.5271	1.00111
9400	4.3768	0.2614	1.0033	23.1270	2.5333	1.00141
9500	4.3820	0.2567	1.0035	23.1575	2.5368	1.00158
9600	4.3872	0.2521	1.0036	23.1878	2.5407	1.00178
9800	4.3977	0.2431	1.0040	23.2491	2.5495	1.00223
10000	4.4082	0.2341	1.0045	23.3111	2.5598	1.00276
10200	4.4189	0.2252	1.0050	23.3741	2.5720	1.00340
10400	4.4297	0.2165	1.0057	23.4382	2.5861	1.00416
10500	4.4352	0.2122	1.0061	23.4708	2.5940	1.00460
10600	4.4407	0.2079	1.0065	23.5039	2.6024	1.00505
10800	4.4519	0.1994	1.0074	23.5716	2.6213	1.00610
11000	4.4635	0.1909	1.0085	23.6415	2.6428	1.00732
11200	4.4753	0.1826	1.0098	23.7137	2.6672	1.00872
11400	4.4875	0.1742	1.0112	23.7888	2.6949	1.01033
11500	4.4937	0.1701	1.0120	23.8276	2.7101	1.01124
11600	4.5000	0.1660	1.0129	23.8672	2.7261	1.01219
11800	4.5130	0.1578	1.0148	23.9490	2.7612	1.01429

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12000	4.5264	0.1495	1.0169	24.0349	2.8003	1.01669
12200	4.5403	0.1413	1.0193	24.1251	2.8438	1.01938
12400	4.5546	0.1332	1.0220	24.2199	2.8921	1.02241
12500	4.5620	0.1290	1.0235	24.2694	2.9182	1.02407
12600	4.5695	0.1249	1.0251	24.3200	2.9455	1.02582
12800	4.5849	0.1166	1.0284	24.4256	3.0042	1.02961
13000	4.6009	0.1083	1.0322	24.5370	3.0686	1.03383
13200	4.6174	0.1000	1.0363	24.6547	3.1389	1.03851
13400	4.6344	0.0915	1.0409	24.7793	3.2156	1.04368
13500	4.6431	0.0873	1.0433	24.8439	3.2563	1.04645
13600	4.6519	0.0830	1.0459	24.9106	3.2988	1.04936
13800	4.6699	0.0744	1.0513	25.0495	3.3889	1.05559
14000	4.6885	0.0657	1.0573	25.1962	3.4861	1.06240
14200	4.7075	0.0569	1.0638	25.3509	3.5907	1.06982
14400	4.7269	0.0479	1.0709	25.5143	3.7030	1.07788
14500	4.7368	0.0434	1.0746	25.5990	3.7619	1.08216
14600	4.7468	0.0388	1.0785	25.6861	3.8229	1.08661
14800	4.7669	0.0297	1.0866	25.8667	3.9507	1.09603
15000	4.7875	0.0203	1.0955.	26.0566	4.0866	1.10618
15200	4.8082	0.0109	1.1049	26.2556	4.2306	1.11704
15400	4.8293	0.0013	1.1150	26.4639	4.3826	1.12868
15500	4.8398	-0.0037	1.1203	26.5718	4.4619	1.13479
15600	4.8505	-0.0085	1.1257	26.6816	4.5428	1.14108
15800	4.8718	-0.0185	1.1371	26.9088	4.7110	1.15426
16000	4.8931	-0.0285	1.1492	27.1449	4.8868	1.16822
16200	4.9145	-0.0387	1.1619	27.3900	5.0701	1.18296
16400	4.9359	-0.0490	1.1753	27.6438	5.2605	1.19847
16500	4.9465	-0.0542	1.1823	27.7740	5.3584	1.20651
16600	4.9571	-0.0595	1.1894	27.9060	5.4578	1.21473
16800	4.9782	-0.0700	1.2041	28.1759	5.6612	1.23173
17000	4.9991	-0.0806	1.2194	28.4534	5.8703	1.24944
17200	5.0197	-0.0913	1.2353	28.7372	6.0843	1.26780
17400	5.0401	-0.1021	1.2518	29.0271	6.3026	1.28679
17500	5.0501	-0.1075	1.2602	29.1741	6.4132	1.29651
17600	5.0600	-0.1129	1.2688	29.3219	6.5243	1.30634
17800	5.0796	-0.1237	1.2863	29.6213	6.7487	1.32641
18000	5.0988	-0.1346	1.3042	29.9244	6.9750	1.34694
18200	5.1175	-0.1454	1.3225	30.2292	7.2015	1.36781
18400	5.1357	-0.1563	1.3410	30.5358	7.4281	1.38900
18500	5.1446	-0.1616	1.3504	30.6890	7.5409	1.39968
18600	5.1534	-0.1670	1.3599	30.8427	7.6534	1.41041
18800	5.1705	-0.1777	1.3788	31.1482	7.8760	1.43191
19000	5.1870	-0.1882	1.3979	31.4520	8.0955	1.45347
19200	5.2029	-0.1987	1.4171	31.7532	8.3108	1.47499
19400	5.2183	-0.2090	1.4362	32.0511	8.5213	1.49642
19500	5.2257	-0.2141	1.4457	32.1976	8.6239	1.50702
19600	5.2331	-0.2192	1.4552	32.3439	8.7256	1.51761
19800	5.2472	-0.2291	1.4740	32.6308	8.9230	1.53851
20000	5.2607	-0.2390	1.4926	32.9118	9.1135	1.55908
20500	5.2919	-0.2626	1.5377	33.5824	9.5535	1.60849
21000	5.3196	-0.2849	1.5802	34.2029	9.9389	1.65449
21500	5.3439	-0.3058	1.6196	34.7697	10.2679	1.69656
22000	5.3654	-0.3254	1.6557	35.2835	10.5425	1.73451
22500	5.3843	-0.3436	1.6884	35.7472	10.7670	1.76842
23000	5.4011	-0.3608	1.7180	36.1673	10.9482	1.79861

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23500	5.4161	-0.3768	1.7447	36.5496	11.0936	1.82545
24000	5.4299	-0.3919	1.7689	36.9019	11.2111	1.84950
24500	5.4426	-0.4062	1.7911	37.2316	11.3087	1.87131
25000	5.4546	-0.4201	1.8117	37.5468	11.3943	1.89147
25500	5.4663	-0.4333	1.8312	37.8535	11.4748	1.91051
26000	5.4778	-0.4462	1.8501	38.1592	11.5568	1.92903
26500	5.4894	-0.4588	1.8687	38.4696	11.6465	1.94756
27000	5.5014	-0.4712	1.8877	38.7911	11.7495	1.96660
27500	5.5138	-0.4838	1.9073	39.1293	11.8707	1.98665
28000	5.5268	-0.4962	1.9280	39.4868	12.0133	2.00806
28500	5.5405	-0.5089	1.9501	39.8688	12.1813	2.03125
29000	5.5550	-0.5217	1.9738	40.2773	12.3761	2.05648
29500	5.5701	-0.5347	1.9994	40.7129	12.5984	2.08394
30000	5.5860	-0.5480	2.0270	41.1767	12.8484	2.11374
30500	5.6024	-0.5614	2.0565	41.6665	13.1238	2.14585
31000	5.6192	-0.5751	2.0881	42.1816	13.4228	2.18022
31500	5.6363	-0.5889	2.1214	42.7174	13.7412	2.21659
32000	5.6536	-0.6029	2.1562	43.2702	14.0752	2.25471
32500	5.6708	-0.6168	2.1924	43.8347	14.4189	2.29420
33000	5.6878	-0.6307	2.2295	44.4071	14.7685	2.33469
33500	5.7045	-0.6445	2.2672	44.9809	15.1176	2.37569
34000	5.7208	-0.6582	2.3052	45.5523	15.4623	2.41685
34500	5.7364	-0.6716	2.3431	46.1157	15.7976	2.45769
35000	5.7515	-0.6847	2.3806	46.6684	16.1207	2.49789

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8259	1.8829	0.9431	14.0445	2.2325	1.00000
400	2.9816	1.7352	0.9981	14.8693	2.3962	1.00000
500	3.0888	1.6314	1.0140	15.4690	2.4539	1.00000
600	3.1727	1.5498	1.0196	15.9457	2.4805	1.00000
700	3.2420	1.4821	1.0214	16.3431	2.4943	1.00000
800	3.3014	1.4240	1.0216	16.6844	2.5019	1.00000
900	3.3533	1.3731	1.0211	16.9838	2.5064	1.00000
1000	3.3995	1.3273	1.0203	17.2494	2.5090	1.00000
1200	3.4791	1.2489	1.0184	17.7096	2.5114	1.00000
1400	3.5462	1.1827	1.0166	18.0974	2.5121	1.00000
1500	3.5761	1.1531	1.0158	18.2708	2.5121	1.00000
1600	3.6041	1.1254	1.0150	18.4328	2.5120	1.00000
1800	3.6552	1.0749	1.0137	18.7281	2.5116	1.00000
2000	3.7009	1.0295	1.0125	18.9923	2.5111	1.00000
2200	3.7422	0.9886	1.0115	19.2311	2.5105	1.00000
2400	3.7799	0.9512	1.0106	19.4489	2.5100	1.00000
2500	3.7976	0.9336	1.0102	19.5512	2.5098	1.00000
2600	3.8146	0.9168	1.0098	19.6493	2.5095	1.00000
2800	3.8467	0.8849	1.0091	19.8347	2.5090	1.00000
3000	3.8765	0.8552	1.0085	20.0075	2.5085	1.00000
3200	3.9045	0.8274	1.0080	20.1688	2.5081	1.00000
3400	3.9308	0.8013	1.0075	20.3204	2.5077	1.00000
3500	3.9433	0.7888	1.0073	20.3930	2.5075	1.00000
3600	3.9555	0.7767	1.0071	20.4634	2.5073	1.00000
3800	3.9789	0.7533	1.0067	20.5986	2.5070	1.00000
4000	4.0012	0.7312	1.0064	20.7270	2.5066	1.00000
4200	4.0223	0.7101	1.0060	20.8490	2.5064	1.00000

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0425	0.6900	1.0057	20.9653	2.5061	1.00000
4500	4.0522	0.6804	1.0056	21.0214	2.5060	1.00000
4600	4.0617	0.6708	1.0055	21.0765	2.5059	1.00000
4800	4.0802	0.6525	1.0052	21.1828	2.5056	1.00000
5000	4.0978	0.6348	1.0050	21.2849	2.5054	1.00000
5200	4.1148	0.6179	1.0048	21.3829	2.5052	1.00000
5400	4.1312	0.6016	1.0046	21.4773	2.5050	1.00000
5500	4.1392	0.5936	1.0045	21.5233	2.5049	1.00000
5600	4.1470	0.5859	1.0044	21.5683	2.5049	1.00000
5800	4.1622	0.5707	1.0043	21.6559	2.5047	1.00000
6000	4.1769	0.5561	1.0041	21.7407	2.5046	1.00000
6200	4.1911	0.5419	1.0040	21.8229	2.5045	1.00000
6400	4.2049	0.5282	1.0038	21.9021	2.5044	1.00001
6500	4.2116	0.5214	1.0038	21.9412	2.5045	1.00001
6600	4.2183	0.5148	1.0037	21.9794	2.5045	1.00001
6800	4.2312	0.5019	1.0036	22.0542	2.5045	1.00002
7000	4.2439	0.4894	1.0035	22.1269	2.5047	1.00003
7200	4.2561	0.4772	1.0034	22.1979	2.5050.	1.00004
7400	4.2681	0.4653	1.0033	22.2670	2.5054	1.00006
7500	4.2740	0.4595	1.0033	22.3008	2.5057	1.00007
7600	4.2798	0.4537	1.0033	22.3343	2.5060	1.00009
7800	4.2912	0.4425	1.0032	22.4003	2.5069	1.00013
8000	4.3024	0.4315	1.0032	22.4650	2.5080	1.00018
8200	4.3134	0.4208	1.0031	22.5282	2.5095	1.00025
8400	4.3242	0.4104	1.0032	22.5906	2.5114	1.00033
8500	4.3295	0.4052	1.0032	22.6217	2.5125	1.00039
8600	4.3348	0.4001	1.0032	22.6523	2.5138	1.00045
8800	4.3453	0.3901	1.0033	22.7130	2.5168	1.00059
9000	4.3557	0.3803	1.0034	22.7733	2.5206	1.00076
9200	4.3661	0.3707	1.0035	22.8335	2.5251	1.00099
9400	4.3764	0.3613	1.0037	22.8933	2.5307	1.00126
9500	4.3815	0.3566	1.0038	22.9234	2.5338	1.00142
9600	4.3866	0.3520	1.0039	22.9533	2.5372	1.00159
9800	4.3969	0.3429	1.0043	23.0136	2.5452	1.00199
10000	4.4073	0.3340	1.0047	23.0744	2.5544	1.00248
10200	4.4177	0.3252	1.0051	23.1359	2.5653	1.00305
10400	4.4283	0.3165	1.0057	23.1985	2.5780	1.00373
10500	4.4337	0.3122	1.0061	23.2304	2.5851	1.00412
10600	4.4390	0.3079	1.0064	23.2623	2.5926	1.00453
10800	4.4500	0.2995	1.0072	23.3278	2.6095	1.00547
11000	4.4612	0.2910	1.0082	23.3954	2.6289	1.00657
11200	4.4726	0.2828	1.0093	23.4648	2.6508	1.00783
11400	4.4844	0.2745	1.0106	23.5369	2.6757	1.00927
11500	4.4904	0.2704	1.0113	23.5740	2.6894	1.01008
11600	4.4964	0.2663	1.0120	23.6117	2.7038	1.01094
11800	4.5089	0.2582	1.0137	23.6897	2.7354	1.01283
12000	4.5218	0.2501	1.0156	23.7713	2.7707	1.01498
12200	4.5351	0.2420	1.0178	23.8567	2.8099	1.01741
12400	4.5488	0.2339	1.0202	23.9462	2.8535	1.02014
12500.	4.5558	0.2298	1.0215	23.9928	2.8770	1.02164
12600	4.5630	0.2258	1.0229	24.0404	2.9016	1.02321
12800	4.5777	0.2177	1.0259	24.1397	2.9547	1.02663
13000	4.5929	0.2095	1.0292	24.2442	3.0129	1.03043
13200	4.6086	0.2014	1.0329	24.3540	3.0765	1.03465
13400	4.6249	0.1931	1.0370	24.4705	3.1459	1.03932

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13500	4.6331	0.1890	1.0391	24.5306	3.1828	1.04182
13600	4.6416	0.1848	1.0414	24.5929	3.2213	1.04444
13800	4.6588	0.1765	1.0463	24.7222	3.3029	1.05007
14000	4.6765	0.1680	1.0517	24.8585	3.3912	1.05622
14200	4.6946	0.1595	1.0575	25.0022	3.4862	1.06294
14400	4.7132	0.1508	1.0637	25.1536	3.5881	1.07023
14500	4.7227	0.1464	1.0671	25.2323	3.6418	1.07410
14600	4.7322	0.1420	1.0705	25.3129	3.6972	1.07814
14800	4.7516	0.1331	1.0779	25.4806	3.8137	1.08668
15000	4.7713	0.1241	1.0858	25.6564	3.9375	1.09588
15200	4.7913	0.1151	1.0942	25.8406	4.0689	1.10575
15400	4.8116	0.1058	1.1033	26.0338	4.2079	1.11634
15500	4.8218	0.1011	1.1080	26.1336	4.2803	1.12189
15600	4.8320	0.0965	1.1129	26.2353	4.3543	1.12762
15800	4.8527	0.0869	1.1232	26.4460	4.5085	1.13964
16000	4.8734	0.0773	1.1340	26.6650	4.6698	1.15238
16200	4.8942	0.0674	1.1455	26.8928	4.8384	1.16585
16400	4.9150	0.0576	1.1576	27.1286	5.0139	1.18006
16500	4.9254	0.0526	1.1639	27.2496	5.1042	1.18743
16600	4.9358	0.0475	1.1703	27.3727	5.1960	1.19498
16800	4.9564	0.0374	1.1837	27.6244	5.3844	1.21062
17000	4.9770	0.0272	1.1976	27.8833	5.5784	1.22693
17200	4.9973	0.0170	1.2120	28.1488	5.7776	1.24390
17400	5.0174	0.0066	1.2271	28.4205	5.9815	1.26149
17500	5.0273	0.0014	1.2348	28.5585	6.0850	1.27050
17600	5.0372	-0.0038	1.2426	28.6978	6.1893	1.27966
17800	5.0566	-0.0143	1.2587	28.9801	6.4005	1.29839
18000	5.0758	-0.0248	1.2752	29.2666	6.6142	1.31760
18200	5.0944	-0.0353	1.2921	29.5560	6.8293	1.33722
18400	5.1127	-0.0459	1.3094	29.8480	7.0454	1.35722
18500	5.1217	-0.0511	1.3181	29.9943	7.1534	1.36733
18600	5.1305	-0.0564	1.3269	30.1412	7.2613	1.37750
18800	5.1478	-0.0668	1.3447	30.4345	7.4759	1.39799
19000	5.1646	-0.0772	1.3627	30.7277	7.6887	1.41864
19200	5.1809	-0.0874	1.3808	31.0192	7.8987	1.43933
19400	5.1966	-0.0977	1.3990	31.3089	8.1053	1.46005
19500	5.2042	-0.1026	1.4081	31.4516	8.2064	1.47034
19600	5.2117	-0.1077	1.4172	31.5948	8.3070	1.48065
19800	5.2263	-0.1176	1.4353	31.8764	8.5035	1.50108
20000	5.2403	-0.1274	1.4533	32.1537	8.6944	1.52131
20500	5.2728	-0.1510	1.4973	32.8211	9.1416	1.57041
21000	5.3018	-0.1736	1.5396	33.4462	9.5416	1.61684
21500	5.3277	-0.1949	1.5793	34.0238	9.8905	1.65994
22000	5.3505	-0.2150	1.6163	34.5526	10.1884	1.69939
22500	5.3708	-0.2338	1.6502	35.0336	10.4375	1.73507
23000	5.3888	-0.2513	1.6812	35.4703	10.6426	1.76711
23500	5.4049	-0.2679	1.7093	35.8687	10.8104	1.79584
24000	5.4195	-0.2835	1.7350	36.2349	10.9476	1.82165
24500	5.4330	-0.2983	1.7585	36.5753	11.0611	1.84501
25000	5.4455	-0.3124	1.7803	36.8972	11.1584	1.86646
25500	5.4575	-0.3260	1.8007	37.2068	11.2461	1.88649
26000	5.4692	-0.3391	1.8202	37.5103	11.3304	1.90562
26500	5.4808	-0.3518	1.8391	37.8136	11.4174	1.92435
27000	5.4925	-0.3644	1.8580	38.1230	11.5124	1.94319
27500	5.5046	-0.3769	1.8771	38.4438	11.6207	1.96261

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
28000	5.5170	-0.3892	1.8970	38.7788	11.7455	1.98295
28500	5.5301	-0.4016	1.9178	39.1334	11.8910	2.00467
29000	5.5437	-0.4142	1.9399	39.5103	12.0594	2.02804
29500	5.5580	-0.4269	1.9635	39.9108	12.2523	2.05330
30000	5.5730	-0.4397	1.9888	40.3365	12.4705	2.08065
30500	5.5886	-0.4528	2.0159	40.7871	12.7132	2.11014
31000	5.6046	-0.4660	2.0449	41.2621	12.9791	2.14179
31500	5.6210	-0.4794	2.0755	41.7585	13.2657	2.17545
32000	5.6377	-0.4930	2.1078	42.2739	13.5699	2.21098
32500	5.6545	-0.5066	2.1415	42.8041	13.8873	2.24808
33000	5.6712	-0.5202	2.1764	43.3458	14.2143	2.28647
33500	5.6878	-0.5338	2.2122	43.8936	14.5459	2.32574
34000	5.7040	-0.5474	2.2486	44.4437	14.8780	2.36556
34500	5.7198	-0.5607	2.2853	44.9913	15.2061	2.40552
35000	5.7352	-0.5739	2.3219	45.5331	15.5268	2.44528

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8124	1.9899	0.9310	13.7558	2.1643	1.00000
400	2.9762	1.8354	0.9961	14.6125	2.3668	1.00000
500	3.0867	1.7299	1.0175	15.2234	2.4422	1.00000
600	3.1718	1.6477	1.0246	15.7056	2.4756	1.00000
700	3.2418	1.5798	1.0268	16.1060	2.4928	1.00000
800	3.3015	1.5217	1.0271	16.4492	2.5024	1.00000
900	3.3536	1.4708	1.0264	16.7498	2.5080	1.00000
1000	3.3999	1.4251	1.0254	17.0162	2.5113	1.00000
1200	3.4796	1.3469	1.0231	17.4775	2.5143	1.00000
1400	3.5467	1.2809	1.0208	17.8659	2.5152	1.00000
1500	3.5767	1.2513	1.0198	18.0395	2.5152	1.00000
1600	3.6047	1.2238	1.0189	18.2016	2.5151	1.00000
1800	3.6557	1.1734	1.0171	18.4974	2.5146	1.00000
2000	3.7014	1.1282	1.0157	18.7617	2.5140	1.00000
2200	3.7427	1.0874	1.0144	19.0005	2.5132	1.00000
2400	3.7803	1.0501	1.0133	19.2185	2.5126	1.00000
2500	3.7980	1.0325	1.0128	19.3207	2.5123	1.00000
2600	3.8150	1.0157	1.0123	19.4189	2.5119	1.00000
2800	3.8471	0.9839	1.0115	19.6044	2.5113	1.00000
3000	3.8769	0.9542	1.0107	19.7772	2.5107	1.00000
3200	3.9048	0.9265	1.0100	19.9386	2.5101	1.00000
3400	3.9311	0.9005	1.0094	20.0902	2.5097	1.00000
3500	3.9436	0.8880	1.0092	20.1628	2.5094	1.00000
3600	3.9558	0.8759	1.0089	20.2332	2.5092	1.00000
3800	3.9792	0.8526	1.0084	20.3684	2.5088	1.00000
4000	4.0014	0.8305	1.0080	20.4968	2.5083	1.00000
4200	4.0226	0.8094	1.0076	20.6188	2.5080	1.00000
4400	4.0427	0.7894	1.0072	20.7352	2.5077	1.00000
4500	4.0525	0.7797	1.0071	20.7912	2.5075	1.00000
4600	4.0620	0.7702	1.0069	20.8463	2.5073	1.00000
4800	4.0804	0.7519	1.0066	20.9526	2.5070	1.00000
5000	4.0981	0.7343	1.0063	21.0547	2.5068	1.00000
5200	4.1151	0.7174	1.0060	21.1528	2.5066	1.00000
5400	4.1314	0.7011	1.0058	21.2471	2.5063	1.00000
5500	4.1394	0.6931	1.0057	21.2931	2.5062	1.00000
5600	4.1472	0.6854	1.0056	21.3381	2.5062	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.1624	0.6702	1.0054	21.4258	2.5059	1.00000
6000	4.1771	0.6556	1.0052	21.5105	2.5057	1.00000
6200	4.1913	0.6414	1.0050	21.5927	2.5057	1.00000
6400	4.2051	0.6278	1.0048	21.6720	2.5055	1.00001
6500	4.2118	0.6210	1.0048	21.7110	2.5055	1.00001
6600	4.2184	0.6144	1.0047	21.7492	2.5055	1.00001
6800	4.2314	0.6015	1.0045	21.8240	2.5055	1.00002
7000	4.2440	0.5890	1.0044	21.8966	2.5057	1.00003
7200	4.2563	0.5768	1.0043	21.9675	2.5058	1.00004
7400	4.2682	0.5649	1.0042	22.0365	2.5062	1.00006
7500	4.2741	0.5592	1.0041	22.0703	2.5064	1.00007
7600	4.2799	0.5534	1.0041	22.1039	2.5067	1.00008
7800	4.2913	0.5421	1.0040	22.1698	2.5074	1.00012
8000	4.3025	0.5312	1.0039	22.2342	2.5084	1.00016
8200	4.3134	0.5205	1.0039	22.2974	2.5097	1.00023
8400	4.3242	0.5101	1.0038	22.3596	2.5113	1.00030
8500	4.3295	0.5049	1.0038	22.3903	2.5124	1.00034
8600	4.3348	0.4998	1.0038	22.4209	2.5135	1.00040
8800	4.3452	0.4898	1.0039	22.4814	2.5162	1.00053
9000	4.3556	0.4801	1.0039	22.5412	2.5196	1.00068
9200	4.3658	0.4704	1.0040	22.6008	2.5235	1.00089
9400	4.3760	0.4610	1.0042	22.6600	2.5285	1.00113
9500	4.3811	0.4564	1.0043	22.6897	2.5313	1.00127
9600	4.3861	0.4518	1.0044	22.7192	2.5344	1.00143
9800	4.3963	0.4427	1.0047	22.7787	2.5415	1.00178
10000	4.4065	0.4338	1.0050	22.8383	2.5498	1.00222
10200	4.4168	0.4251	1.0054	22.8986	2.5595	1.00273
10400	4.4271	0.4164	1.0059	22.9599	2.5709	1.00335
10500	4.4324	0.4121	1.0062	22.9910	2.5773	1.00369
10600	4.4376	0.4079	1.0065	23.0220	2.5840	1.00406
10800	4.4483	0.3995	1.0072	23.0856	2.5992	1.00491
11000	4.4591	0.3911	1.0081	23.1509	2.6166	1.00589
11200	4.4702	0.3829	1.0090	23.2180	2.6364	1.00703
11400	4.4816	0.3747	1.0102	23.2874	2.6588	1.00833
11500	4.4874	0.3706	1.0108	23.3228	2.6711	1.00905
11600	4.4933	0.3666	1.0115	23.3590	2.6841	1.00982
11800	4.5053	0.3585	1.0129	23.4337	2.7126	1.01153
12000	4.5176	0.3505	1.0146	23.5113	2.7444	1.01347
12200	4.5304	0.3425	1.0165	23.5924	2.7798	1.01566
12400	4.5435	0.3346	1.0187	23.6772	2.8192	1.01812
12500	4.5503	0.3306	1.0198	23.7211	2.8404	1.01946
12600	4.5571	0.3266	1.0211	23.7663	2.8627	1.02088
12800	4.5712	0.3186	1.0237	23.8597	2.9107	1.02396
13000	4.5857	0.3106	1.0267	23.9579	2.9634	1.02740
13200	4.6007	0.3026	1.0300	24.0610	3.0209	1.03120
13400	4.6162	0.2945	1.0336	24.1699	3.0838	1.03541
13500	4.6241	0.2905	1.0355	24.2263	3.1173	1.03767
13600	4.6322	0.2865	1.0376	24.2844	3.1522	1.04005
13800	4.6486	0.2783	1.0419	24.4052	3.2263	1.04513
14000	4.6655	0.2701	1.0467	24.5321	3.3064	1.05070
14200	4.6828	0.2617	1.0519	24.6660	3.3927	1.05678
14400	4.7006	0.2534	1.0575	24.8067	3.4854	1.06338
14500	4.7097	0.2491	1.0605	24.8799	3.5343	1.06689
14600	4.7188	0.2449	1.0636	24.9548	3.5848	1.07055
14800	4.7374	0.2363	1.0701	25.1106	3.6909	1.07830

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15000	4.7563	0.2276	1.0772	25.2740	3.8039	1.08665
15200	4.7756	0.2189	1.0848	25.4448	3.9239	1.09562
15400	4.7951	0.2099	1.0929	25.6243	4.0511	1.10526
15500	4.8049	0.2054	1.0971	25.7168	4.1172	1.11031
15600	4.8148	0.2009	1.1015	25.8112	4.1850	1.11552
15800	4.8348	0.1917	1.1107	26.0069	4.3263	1.12648
16000	4.8549	0.1825	1.1205	26.2103	4.4745	1.13810
16200	4.8751	0.1730	1.1308	26.4221	4.6296	1.15043
16400	4.8953	0.1636	1.1417	26.6414	4.7913	1.16342
16500	4.9054	0.1588	1.1474	26.7538	4.8745	1.17018
16600	4.9155	0.1540	1.1532	26.8685	4.9593	1.17710
16800	4.9357	0.1443	1.1652	27.1032	5.1336	1.19147
17000	4.9558	0.1345	1.1778	27.3449	5.3135	1.20648
17200	4.9758	0.1246	1.1910	27.5932	5.4987	1.22213
17400	4.9956	0.1146	1.2046	27.8480	5.6889	1.23841
17500	5.0054	0.1096	1.2117	27.9774	5.7855	1.24676
17600	5.0151	0.1046	1.2188	28.1083	5.8831	1.25526
17800	5.0344	0.0945	1.2335	28.3740	6.0812	1.27267
18000	5.0534	0.0843	1.2486	28.6441	6.2822	1.29057
18200	5.0720	0.0741	1.2642	28.9180	6.4855	1.30894
18400	5.0903	0.0639	1.2801	29.1950	6.6904	1.32771
18500	5.0992	0.0589	1.2982	29.3340	6.7931	1.33721
18600	5.1081	0.0538	1.2963	29.4739	6.8960	1.34681
18800	5.1255	0.0436	1.3129	29.7541	7.1015	1.36620
19000	5.1425	0.0335	1.3297	30.0354	7.3063	1.38582
19200	5.1589	0.0235	1.3467	30.3158	7.5093	1.40557
19400	5.1749	0.0134	1.3638	30.5956	7.7101	1.42542
19500	5.1826	0.0085	1.3724	30.7340	7.8089	1.43532
19600	5.1903	0.0035	1.3810	30.8729	7.9074	1.44527
19800	5.2052	-0.0062	1.3982	31.1476	8.1011	1.46507
20000	5.2196	-0.0159	1.4154	31.4191	8.2901	1.48477
20500	5.2532	-0.0395	1.4580	32.0776	8.7383	1.53303
21000	5.2835	-0.0621	1.4994	32.7016	9.1467	1.57932
21500	5.3106	-0.0837	1.5389	33.2845	9.5099	1.62289
22000	5.3348	-0.1040	1.5761	33.8229	9.8261	1.66328
22500	5.3563	-0.1232	1.6107	34.3171	10.0963	1.70030
23000	5.3756	-0.1413	1.6427	34.7685	10.3235	1.73392
23500	5.3928	-0.1583	1.6721	35.1815	10.5125	1.76432
24000	5.4083	-0.1744	1.6990	35.5613	10.6693	1.79179
24500	5.4226	-0.1897	1.7238	35.9133	10.7999	1.81672
25000	5.4358	-0.2041	1.7467	36.2432	10.9105	1.83951
25500	5.4482	-0.2181	1.7681	36.5579	11.0079	1.86065
26000	5.4602	-0.2315	1.7883	36.8622	11.0978	1.88058
26500	5.4719	-0.2443	1.8077	37.1619	11.1856	1.89977
27000	5.4836	-0.2570	1.8268	37.4633	11.2771	1.91872
27500	5.4954	-0.2695	1.8458	37.7710	11.3769	1.93785
28000	5.5074	-0.2818	1.8651	38.0890	11.4889	1.95755
28500	5.5199	-0.2942	1.8850	38.4218	11.6172	1.97821
29000	5.5330	-0.3065	1.9059	38.7722	11.7643	2.00016
29500	5.5465	-0.3189	1.9280	39.1426	11.9322	2.02365
30000	5.5607	-0.3315	1.9515	39.5352	12.1227	2.04893
30500	5.5755	-0.3442	1.9765	39.9500	12.3355	2.07612
31000	5.5907	-0.3571	2.0031	40.3879	12.5709	2.10529
31500	5.6064	-0.3701	2.0313	40.8464	12.8265	2.13638
32000	5.6224	-0.3832	2.0611	41.3249	13.1007	2.16936

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
32500	5.6387	-0.3965	2.0924	41.8200	13.3905	2.20401
33000	5.6550	-0.4098	2.1250	42.3288	13.6927	2.24014
33500	5.6713	-0.4232	2.1587	42.8481	14.0036	2.27746
34000	5.6874	-0.4366	2.1932	43.3731	14.3188	2.31563
34500	5.7032	-0.4497	2.2283	43.8994	14.6339	2.35426
35000	5.7186	-0.4629	2.2637	44.4253	14.9466	2.39313

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.8016	2.0988	0.9366	13.4506	2.1110	1.00000
400	2.9695	1.9357	0.9938	14.3490	2.3303	1.00000
500	3.0840	1.8280	1.0213	14.9740	2.4266	1.00000
600	3.1707	1.7451	1.0307	15.4630	2.4694	1.00000
700	3.2415	1.6770	1.0335	15.8672	2.4910	1.00000
800	3.3016	1.6188	1.0338	16.2128	2.5031	1.00000
900	3.3539	1.5680	1.0331	16.5150	2.5100	1.00000
1000	3.4004	1.5224	1.0318	16.7822	2.5141	1.00000
1200	3.4802	1.4444	1.0289	17.2448	2.5179	1.00000'
1400	3.5474	1.3786	1.0261	17.6341	2.5190	1.00000
1500	3.5773	1.3492	1.0248	17.8080	2.5190	1.00000
1600	3.6053	1.3218	1.0236	17.9702	2.5189	1.00000
1800	3.6564	1.2715	1.0215	18.2663	2.5182	1.00000
2000	3.7020	1.2265	1.0196	18.5310	2.5175	1.00000
2200	3.7432	1.1858	1.0180	18.7698	2.5166	1.00000
2400	3.7809	1.1486	1.0167	18.9880	2.5158	1.00000
2500	3.7985	1.1312	1.0160	19.0903	2.5154	1.00000
2600	3.8155	1.1143	1.0154	19.1886	2.5149	1.00000
2800	3.8475	1.0826	1.0144	19.3741	2.5141	1.00000
3000	3.8774	1.0531	1.0134	19.5468	2.5134	1.00000
3200	3.9053	1.0254	1.0126	19.7083	2.5127	1.00000
3400	3.9315	0.9994	1.0119	19.8600	2.5122	1.00000
3500	3.9441	0.9869	1.0115	19.9326	2.5118	1.00000
3600	3.9563	0.9749	1.0112	20.0030	2.5116	1.00000
3800	3.9796	0.9516	1.0106	20.1382	2.5111	1.00000
4000	4.0018	0.9296	1.0100	20.2667	2.5105	1.00000
4200	4.0229	0.9086	1.0095	20.3886	2.5101	1.00000
4400	4.0431	0.8886	1.0091	20.5050	2.5097	1.00000
4500	4.0528	0.8789	1.0089	20.5611	2.5094	1.00000
4600	4.0623	0.8695	1.0087	20.6161	2.5092	1.00000
4800	4.0807	0.8512	1.0083	20.7224	2.5089	1.00000
5000	4.0984	0.8336	1.0079	20.8245	2.5085	1.00000
5200	4.1154	0.8167	1.0076	20.9227	2.5083	1.00000
5400	4.1317	0.8005	1.0073	21.0169	2.5080	1.00000
5500	4.1397	0.7925	1.0072	21.0628	2.5078	1.00000
5600	4.1475	0.7848	1.0070	21.1079	2.5077	1.00000
5800	4.1627	0.7696	1.0068	21.1958	2.5074	1.00000
6000	4.1773	0.7550	1.0065	21.2805	2.5072	1.00000
6200	4.1916	0.7409	1.0063	21.3625	2.5071	1.00000
6400	4.2053	0.7272	1.0061	21.4419	2.5069	1.00001
6500	4.2120	0.7205	1.0060	21.4807	2.5069	1.00001
6600	4.2187	0.7139	1.0059	21.5189	2.5068	1.00001
6800	4.2316	0.7010	1.0057	21.5938	2.5068	1.00001
7000	4.2442	0.6885	1.0055	21.6664	2.5068	1.00002
7200	4.2565	0.6763	1.0054	21.7373	2.5069	1.00003

T	LOG H/R,	LOG RHO	Z	S/R	H/RT	Z*
7400	4.2684	0.6645	1.0052	21.8062	2.5072	1.00005
7500	4.2743	0.6587	1.0051	21.8400	2.5074	1.00006
7600	4.2801	0.6530	1.0051	21.8735	2.5076	1.00007
7800	4.2915	0.6417	1.0050	21.9393	2.5082	1.00010
8000	4.3026	0.6308	1.0049	22.0036	2.5090	1.00014
8200	4.3135	0.6201	1.0048	22.0667	2.5102	1.00020
8400	4.3242	0.6097	1.0047	22.1287	2.5116	1.00027
8500	4.3295	0.6046	1.0047	22.1592	2.5125	1.00031
8600	4.3348	0.5995	1.0047	22.1895	2.5135	1.00036
8800	4.3452	0.5894	1.0047	22.2499	2.5159	1.00047
9000	4.3554	0.5797	1.0047	22.3094	2.5189	1.00061
9200	4.3656	0.5701	1.0048	22.3684	2.5224	1.00079
9400	4.3757	0.5607	1.0049	22.4271	2.5269	1.00101
9500	4.3807	0.5561	1.0050	22.4563	2.5294	1.00114
9600	4.3857	0.5516	1.0050	22.4856	2.5321	1.00128
9800	4.3958	0.5425	1.0053	22.5442	2.5384	1.00160
10000	4.4058	0.5336	1.0055	22.6030	2.5459	1.00199
10200	4.4159	0.5249	1.0059	22.6621	2.5546	1.00246
10400	4.4261	0.5162	1.0063	22.7222	2.5648	1.00301
10500	4.4312	0.5120	1.0065	22.7524	2.5706	1.00331
10600	4.4364	0.5077	1.0068	22.7830	2.5766	1.00365
10800	4.4468	0.4994	1.0074	22.8447	2.5903	1.00441
11000	4.4573	0.4911	1.0081	22.9082	2.6059	1.00529
11200	4.4681	0.4829	1.0090	22.9730	2.6237	1.00631
11400	4.4792	0.4747	1.0100	23.0399	2.6440	1.00749
11500	4.4848	0.4708	1.0105	23.0740	2.6550	1.00813
11600	4.4904	0.4668	1.0111	23.1087	2.6667	1.00883
11800	4.5020	0.4587	1.0124	23.1804	2.6924	1.01036
12000	4.5139	0.4508	1.0139	23.2545	2.7211	1.01211
12200	4.5262	0.4430	1.0156	23.3317	2.7532	1.01409
12400	4.5388	0.4351	1.0175	23.4124	2.7888	1.01631
12500	4.5453	0.4311	1.0185	23.4540	2.8079	1.01752
12600	4.5519	0.4272	1.0196	23.4969	2.8281	1.01880
12800	4.5653	0.4193	1.0220	23.5850	2.8715	1.02158
13000	4.5792	0.4115	1.0246	23.6776	2.9193	1.02468
13200	4.5935	0.4036	1.0275	23.7747	2.9715	1.02812
13400	4.6083	0.3957	1.0307	23.8769	3.0286	1.03193
13500	4.6159	0.3918	1.0325	23.9300	3.0589	1.03397
13600	4.6236	0.3878	1.0343	23.9843	3.0906	1.03612
13800	4.6393	0.3798	1.0382	24.0974	3.1579	1.04072
14000	4.6554	0.3719	1.0424	24.2161	3.2308	1.04576
14200	4.6720	0.3637	1.0470	24.3410	3.3093	1.05127
14400	4.6891	0.3556	1.0520	24.4723	3.3938	1.05726
14500	4.6977	0.3515	1.0547	24.5405	3.4384	1.06045
14600	4.7065	0.3474	1.0575	24.6103	3.4844	1.06376
14800	4.7243	0.3391	1.0633	24.7551	3.5812	1.07079
15000	4.7425	0.3306	1.0696	24.9073	3.6845	1.07838
15200	4.7610	0.3222	1.0764	25.0662	3.7941	1.08654
15400	4.7798	0.3135	1.0837	25.2332	3.9106	1.09531
15500	4.7892	0.3093	1.0875	25.3190	3.9711	1.09990
15600	4.7988	0.3049	1.0914	25.4070	4.0333	1.10466
15800	4.8181	0.2961	1.0997	25.5888	4.1629	1.11465
16000	4.8375	0.2872	1.1084	25.7782	4.2991	1.12526
16200	4.8571	0.2781	1.1177	25.9753	4.4418	1.13653
16400	4.8767	0.2690	1.1275	26.1796	4.5907	1.14842

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16500	4.8866	0.2645	1.1326	26.2843	4.6675	1.15461
16600	4.8964	0.2598	1.1378	26.3913	4.7458	1.16096
16800	4.9161	0.2505	1.1487	26.6102	4.9070	1.17414
17000	4.9358	0.2411	1.1601	26.8360	5.0737	1.18795
17200	4.9553	0.2316	1.1719	27.0682	5.2458	1.20237
17400	4.9748	0.2220	1.1844	27.3071	5.4229	1.21741
17500	4.9844	0.2172	1.1907	27.4284	5.5129	1.22513
17600	4.9940	0.2124	1.1972	27.5512	5.6040	1.23300
17800	5.0131	0.2026	1.2106	27.8011	5.7895	1.24915
18000	5.0318	0.1929	1.2244	28.0553	5.9781	1.26579
18200	5.0503	0.1830	1.2386	28.3143	6.1698	1.28293
18400	5.0685	0.1731	1.2532	28.5764	6.3634	1.30048
18500	5.0774	0.1683	1.2606	28.7080	6.4606	1.30939
18600	5.0863	0.1633	1.2682	28.8410	6.5583	1.31840
18800	5.1037	0.1535	1.2835	29.1078	6.7539	1.33666
19000	5.1207	0.1436	1.2990	29.3765	6.9499	1.35521
19200	5.1373	0.1338	1.3148	29.6453	7.1450	1.37395
19400	5.1534	0.1241	1.3308	29.9141	7.3387	1.39285
19500	5.1613	0.1193	1.3389	30.0478	7.4347	1.40232
19600	5.1691	0.1144	1.3470	30.1817	7.5302	1.41184
19800	5.1842	0.1048	1.3632	30.4480	7.7192	1.43087
20000	5.1989	0.0953	1.3795	30.7117	7.9044	1.44986
20500	5.2334	0.0720	1.4201	31.3566	8.3486	1.49684
21000	5.2647	0.0494	1.4601	31.9739	8.7597	1.54243
21500	5.2930	0.0278	1.4989	32.5567	9.1319	1.58593
22000	5.3184	0.0072	1.5358	33.1001	9.4616	1.62677
22500	5.3411	-0.0122	1.5706	33.6029	9.7486	1.66465
23000	5.3615	-0.0307	1.6031	34.0660	9.9947	1.69947
23500	5.3798	-0.0481	1.6333	34.4912	10.2029	1.73122
24000	5.3963	-0.0646	1.6612	34.8830	10.3779	1.76013
24500	5.4114	-0.0803	1.6871	35.2462	10.5253	1.78649
25000	5.4253	-0.0952	1.7110	35.5850	10.6503	1.81059
25500	5.4383	-0.1094	1.7333	35.9055	10.7589	1.83288
26000	5.4507	-0.1231	1.7544	36.2130	10.8565	1.85375
26500	5.4626	-0.1363	1.7744	36.5125	10.9485	1.87363
27000	5.4743	-0.1491	1.7938	36.8093	11.0399	1.89295
27500	5.4860	-0.1617	1.8129	37.1082	11.1355	1.91211
28000	5.4979	-0.1741	1.8321	37.4137	11.2391	1.93151
28500	5.5100	-0.1864	1.8515	37.7293	11.3547	1.95150
29000	5.5225	-0.1986	1.8716	38.0582	11.4851	1.97242
29500	5.5355	-0.2108	1.8924	38.4033	11.6328	1.99453
30000	5.5490	-0.2232	1.9144	38.7676	11.8000	2.01813
30500	5.5630	-0.2355	1.9377	39.1506	11.9869	2.04334
31000	5.5775	-0.2482	1.9623	39.5553	12.1947	2.07035
31500	5.5925	-0.2608	1.9884	39.9788	12.4216	2.09913
32000	5.6078	-0.2736	2.0159	40.4226	12.6677	2.12975
32500	5.6235	-0.2865	2.0449	40.8829	12.9298	2.16202
33000	5.6393	-0.2995	2.0752	41.3587	13.2061	2.19586
33500	5.6552	-0.3127	2.1067	41.8470	13.4935	2.23105
34000	5.6710	-0.3257	2.1392	42.3437	13.7882	2.26730
34500	5.6866	-0.3387	2.1724	42.8459	14.0869	2.30433
35000	5.7020	-0.3518	2.2063	43.3507	14.3867	2.34189

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.7901	2.2116	0.9523	13.1178	2.0556	.1.00000
400	2.9641	2.0360	1.0022	14.0766	2.3017	1.00000
500	3.0804	1.9256	1.0256	14.7200	2.4068	1.00000
600	3.1691	1.8421	1.0380	15.2168	2.4602	1.00000
700	3.2411	1.7735	1.0419	15.6264	2.4888	1.00000
800	3.3017	1.7153	1.0422	15.9749	2.5038	1.00000
900	3.3544	1.6646	1.0413	16.2790	2.5125	1.00000
1000	3.4010	1.6191	1.0398	16.5472	2.5176	1.00000
1200	3.4810	1.5414	1.0361	17.0116	2.5224	1.00000
1400	3.5482	1.4759	1.0327	17.4019	2.5238	1.00000
1500	3.5781	1.4466	1.0311	17.5761	2.5238	1.00000
1600	3.6062	1.4192	1.0296	17.7386	2.5237	1.00000
1800	3.6572	1.3692	1.0269	18.0351	2.5229	1.00000
2000	3.7028	1.3244	1.0246	18.3001	2.5219	1.00000
2200	3.7440	1.2839	1.0226	18.5392	2.5208	1.00000
2400	3.7816	1.2468	1.0209	18.7574	2.5198	1.00000
2500	3.7992	1.2294	1.0201	18.8597	2.5192	1.00000
2600	3.8162	1.2127	1.0194	18.9581	2.5187	1.00000
2800	3.8482	1.1810	1.0180	19.1437	2.5178	1.00000
3000	3.8780	1.1516	1.0169	19.3165	2.5169	1.00000
3200	3.9059	1.1240	1.0158	19.4781	2.5160	1.00000
3400	3.9321	1.0981	1.0149	19.6298	2.5152	1.00000
3500	3.9446	1.0857	1.0145	19.7024	2.5149	1.00000
3600	3.9568	1.0736	1.0140	19.7728	2.5145	1.00000
3800	3.9801	1.0505	1.0133	19.9081	2.5139	1.00000
4000	4.0023	1.0285	1.0126	20.0365	2.5132	1.00000
4200	4.0234	1.0076	1.0120	20.1583	2.5127	1.00000
4400	4.0435	0.9876	1.0114	20.2747	2.5121	1.00000
4500	4.0532	0.9779	1.0111	20.3311	2.5119	1.00000
4600	4.0627	0.9685	1.0109	20.3860	2.5116	1.00000
4800	4.0811	0.9503	1.0104	20.4924	2.5112	1.00000
5000	.4.0988	0.9327	1.0100	20.5944	2.5108	1.00000
5200	4.1157	0.9159	1.0095	20.6926	2.5104	1.00000
5400	4.1321	0.8997	1.0092	20.7869	2.5100	1.00000
5500	4.1400	0.8918	1.0090	20.8327	2.5098	1.00000
5600	4.1478	0.8840	1.0088	20.8778	2.5096	1.00000
5800	4.1630	0.8689	1.0085	20.9657	2.5093	1.00000
6000	4.1777	0.8543	1.0082	21.0504	2.5091	1.00000
6200	4.1919	0.8402	1.0079	21.1324	2.5088	1.00000
6400	4.2056	0.8265	1.0076	21.2118	2.5085	1.00001
6500	4.2123	0.8199	1.0075	21.2505	2.5085	1.00001
6600	4.2189	0.8133	1.0074	21.2888	2.5084	1.00001
6800	4.2319	0.8004	1.0071	21.3636	2.5084	1.00001
7000	4.2445	0.7879	1.0069	21.4363	2.5083	1.00002
7200	4.2567	0.7758	1.0067	21.5070	2.5083.	1.00003
7400	4.2686	0.7639	1.0065	21.5759	2.5085	1.00004
7500	4.2745	0.7582	1.0064	21.6097	2.5087	1.00005
7600	4.2803	0.7524	1.0064	21.6432	2.5089	1.00006
7800	4.2917	0.7412	1.0062	21.7089	2.5093	1.00009
8000	4.3028	0.7302	1.0061	21.7731	2.5100	1.00013
8200	4.3137	0.7196	1.0060	21.8360	2.5110	1.00018
8400	4.3243	0.7092	1.0059	21.8979	2.5122	1.00024
8500	4.3296	0.7041	1.0058	21.9282	2.5130	1.00028
8600	4.3348	0.6990	1.0058	21.9585	2.5139	1.00032
8800	4.3452	0.6890	1.0057	22.0185	2.5160	1.00042

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.3554	0.6793	1.0057	22.0777	2.5186	1.00055
9200	4.3655	0.6697	1.0057	22.1363	2.5218	1.00071
9400	4.3755	0.6603	1.0058	22.1944	2.5258	1.00091
9500	4.3805	0.6558	1.0058	22.2233	2.5280	1.00102
9600	4.3855	0.6512	1.0059	22.2523	2.5304	1.00115
9800	4.3954	0.6422	1.0061	22.3102	2.5361	1.00144
10000	4.4053	0.6333	1.0063	22.3682	2.5427	1.00178
10200	4.4152	0.6246	1.0065	22.4263	2.5505	1.00221
10400	4.4252	0.6160	1.0069	22.4853	2.5597	1.00270
10500	4.4303	0.6118	1.0071	22.5148	2.5648	1.00298
10600	4.4353	0.6075	1.0073	22.5448	2.5703	1.00328
10800	4.4455	0.5992	1.0078	22.6051	2.5826	1.00396
11000	4.4558	0.5909	1.0085	22.6668	2.5966	1.00475
11200	4.4663	0.5828	1.0092	22.7297	2.6127	1.00567
11400	4.4770	0.5747	1.0101	22.7944	2.6310	1.00673
11500	4.4825	0.5707	1.0105	22.8274	2.6409	1.00732
11600	4.4880	0.5668	1.0110	22.8607	2.6516	1.00794
11800	4.4992	0.5589	1.0122	22.9295	2.6747	1.00933
12000	4.5107	0.5510	1.0135	23.0008	2.7007	1.01090
12200	4.5225	0.5432	1.0150	23.0744	2.7296	1.01268
12400	4.5346	0.5354	1.0166	23.1513	2.7619	1.01469
12500	4.5408	0.5315	1.0175	23.1910	2.7792	1.01578
12600	4.5471	0.5276	1.0185	23.2316	2.7975	1.01694
12800	4.5601	0.5199	1.0206	23.3151	2.8369	1.01946
13000	4.5734	0.5122	1.0229	23.4027	2.8801	1.02226
13200	4.5871	0.5045	1.0255	23.4945	2.9276	1.02537
13400	4.6012	0.4967	1.0284	23.5908	2.9794	1.02881
13500	4.6085	0.4929	1.0299	23.6406	3.0070	1.03066
13600	4.6158	0.4890	1.0315	23.6917	3.0358	1.03261
13800	4.6308	0.4812	1.0350	23.7977	3.0971	1.03677
14000	4.6463	0.4734	1.0388	23.9091	3.1635	1.04135
14200	4.6622	0.4655	1.0429	24.0260	3.2350	1.04634
14400	4.6785	0.4576	1.0473	24.1489	3.3121	1.05178
14500	4.6868	0.4535	1.0497	24.2127	3.3527	1.05468
14600	4.6952	0.4495	1.0522	24.2779	3.3948	1.05769
14800	4.7122	0.4415	1.0574	24.4129	3.4832	1.06407
15000	4.7297	0.4333	1.0630	24.5549	3.5777	1.07098
15200	4.7475	0.4252	1.0691	24.7031	3.6780	1.07841
15400	4.7656	0.4168	1.0756	24.8588	3.7847	1.08639
15500	4.7747	0.4127	1.0790	24.9388	3.8403	1.09057
15600	4.7839	0.4085	1.0825	25.0209	3.8974	1.09492
15800	4.8025	0.4000	1.0899	25.1903	4.0164	1.10403
16000	4.8213	0.3914	1.0977	25.3669	4.1417	1.11373
16200	4.8403	0.3827	1.1061	25.5506	4.2730	1.12403
16400	4.8593	0.3740	1.1149	25.7411	4.4105	1.13492
16500	4.8689	0.3695	1.1194	25.8391	4.4814	1.14059
16600	4.8785	0.3651	1.1241	25.9388	4.5538	1.14642
16800	4.8977	0.3561	1.1339	26.1432	4.7029	1.15852
17000	4.9168	0.3471	1.1442	26.3542	4.8573	1.17122
17200	4.9360	0.3379	1.1549	26.5719	5.0172	1.18450
17400	4.9550	0.3287	1.1661	26.7956	5.1819	1.19837
17500	4.9645	0.3241	1.1719	26.9093	5.2658	1.20550
17600	4.9739	0.3194	1.1777	27.0248	5.3510	1.21278
17800	4.9927	0.3101	1.1899	27.2596	5.5243	1.22774
18000	5.0112	0.3007	1.2024	27.4990	5.7011	1.24319

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18200	5.0295	0.2912	1.2154	27.7431	5.8811	1.25913
18400	5.0475	0.2817	1.2287	27.9909	6.0636	1.27550
18500	5.0564	0.2770	1.2355	28.1155	6.1554	1.28383
18600	5.0652	0.2723	1.2424	28.2414	6.2478	1.29226
18800	5.0826	0.2627	1.2564	28.4950	6.4335	1.30939
19000	5.0996	0.2532	1.2708	28.7507	6.6200	1.32683
19200	5.1162	0.2437	1.2854	29.0074	6.8065	1.34452
19400	5.1324	0.2342	1.3002	29.2648	6.9924	1.36243
19500	5.1404	0.2295	1.3077	29.3933	7.0848	1.37142
19600	5.1482	0.2248	1.3152	29.5218	7.1769	1.38047
19800	5.1635	0.2153	1.3304	29.7787	7.3599	1.39864
20000	5.1784	0.2061	1.3456	30.0335	7.5399	1.41682
20500	5.2136	0.1831	1.3840	30.6613	7.9762	1.46218
21000	5.2457	0.1608	1.4223	31.2676	8.3853	1.50667
21500	5.2750	0.1393	1.4597	31.8456	8.7614	1.54962
22000	5.3015	0.1186	1.4959	32.3896	9.0999	1.59043
22500	5.3253	0.0990	1.5304	32.8967	9.3993	1.62870
23000	5.3467	0.0803	1.5630	33.3675	9.6605	1.66427
23500	5.3661	0.0626	1.5936	33.8022	9.8853	1.69703
24000	5.3835	0.0457	1.6222	34.2042	10.0770	1.72711
24500	5.3995	0.0296	1.6488	34.5772	10.2404	1.75470
25000	5.4141	0.0144	1.6736	34.9248	10.3797	1.78002
25500	5.4277	-0.0001	1.6967	35.2515	10.5001	1.80341
26000	5.4406	-0.0141	1.7185	35.5634	10.6069	1.82524
26500	5.4528	-0.0276	1.7392	35.8645	10.7050	1.84589
27000	5.4647	-0.0406	1.7591	36.1593	10.7990	1.86572
27500	5.4765	-0.0534	1.7785	36.4528	10.8934	1.88513
28000	5.4882	-0.0659	1.7976	36.7488	10.9921	1.90446
28500	5.5001	-0.0781	1.8168	37.0510	11.0990	1.92407
29000	5.5123	-0.0903	1.8363	37.3630	11.2170	1.94430
29500	5.5248	-0.1025	1.8563	37.6879	11.3491	1.96543
30000	5.5377	-0.1146	1.8772	38.0278	11.4969	1.98771
30500	5.5511	-0.1268	1.8990	38.3841	11.6620	2.01134
31000	5.5649	-0.1392	1.9220	38.7590	11.8456	2.03651
31500	5.5792	-0.1515	1.9463	39.1511	12.0469	2.06327
32000	5.5939	-0.1640	1.9718	39.5625	12.2666	2.09174
32500	5.6089	-0.1766	1.9987	39.9898	12.5021	2.12178
33000	5.6241	-0.1893	2.0268	40.4332	12.7526	2.15340
33500	5.6395	-0.2021	2.0561	40.8901	13.0157	2.18643
34000	5.6549	-0.2149	2.0865	41.3573	13.2883	2.22066
34500	5.6703	-0.2278	2.1179	41.8337	13.5683	2.25595
35000	5.6856	-0.2405	2.1499	42.3143	13.8519	2.29194

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.7753	2.3295	0.9731	12.7476	1.9868	1.00000
400	2.9610	2.1364	1.0258	13.7934	2.2852	1.00000
500	3.0772	2.0231	1.0368	14.4587	2.3889	1.00000
600	3.1672	1.9383	1.0472	14.9671	2.4495	1.00000
700	3.2405	1.8693	1.0519	15.3827	2.4855	1.00000
800	3.3019	1.8110	1.0527	15.7351	2.5047	1.00000
900	3.3549	1.7603	1.0515	16.0416	2.5156	1.00000
1000	3.4017	1.7150	1.0496	16.3111	2.5220	1.00000
1200	3.4820	1.6376	1.0451	16.7776	2.5280	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5492	1.5725	1.0408	17.1691	2.5297	1.00000
1500	3.5792	1.5433	1.0388	17.3437	2.5298	1.00000
1600	3.6072	1.5161	1.0370	17.5067	2.5296	1.00000
1800	3.6582	1.4664	1.0337	17.8036	2.5286	1.00000
2000	3.7037	1.4218	1.0308	18.0690	2.5274	1.00000
2200	3.7449	1.3814	1.0283	18.3084	2.5260	1.00000
2400	3.7824	1.3446	1.0262	18.5267	2.5247	1.00000
2500	3.8000	1.3273	1.0252	18.6292	2.5241	1.00000
2600	3.8170	1.3106	1.0243	18.7275	2.5235	1.00000
2800	3.8489	1.2791	1.0226	18.9133	2.5223	1.00000
3000	3.8787	1.2498	1.0211	19.0860	2.5212	1.00000
3200	3.9066	1.2223	1.0198	19.2479	2.5201	1.00000
3400	3.9327	1.1965	1.0187	19.3996	2.5191	1.00000
3500	3.9452	1.1841	1.0181	19.4722	2.5187	1.00000
3600	3.9574	1.1721	1.0176	19.5426	2.5182	1.00000
3800	3.9807	1.1490	1.0167	19.6780	2.5174	1.00000
4000	4.0029	1.1271	1.0158	19.8063	2.5166	1.00000
4200	4.0240	1.1063	1.0150	19.9283	2.5159	1.00000
4400	4.0440	1.0864	1.0143	20.0447	2.5152	1.00000
4500	4.0537	1.0767	1.0140	20.1009	2.5149	1.00000
4600	4.0632	1.0674	1.0137	20.1558	2.5146	1.00000
4800	4.0816	1.0491	1.0131	20.2623	2.5141	1.00000
5000	4.0993	1.0316	1.0125	20.3643	2.5135	1.00000
5200	4.1162	1.0148	1.0120	20.4624	2.5130	1.00000
5400	4.1325	0.9986	1.0115	20.5569	2.5125	1.00000
5500	4.1404	0.9908	1.0113	20.6026	2.5123	1.00000
5600	4.1482	0.9830	1.0111	20.6478	2.5121	1.00000
5800	4.1634	0.9679	1.0107	20.7355	2.5117	1.00000
6000	4.1781	0.9534	1.0103	20.8203	2.5114	1.00000
6200	4.1922	0.9393	1.0099	20.9023	2.5110	1.00000
6400	4.2060	0.9257	1.0096	20.9818	2.5107	1.00000
6500	4.2127	0.9190	1.0094	21.0205	2.5107	1.00001
6600	4.2193	0.9125	1.0093	21.0586	2.5105	1.00001
6800	4.2322	0.8996	1.0090	21.1336	2.5104	1.00001
7000	4.2448	0.8871	1.0087	21.2062	2.5102	1.00002
7200	4.2570	0.8750	1.0084	21.2769	2.5102	1.00003
7400	4.2689	0.8632	1.0082	21.3457	2.5102	1.00004
7500	4.2748	0.8575	1.0081	21.3795	2.5104	1.00004
7600	4.2806	0.8517	1.0080	21.4129	2.5105	1.00006
7800	4.2919	0.8405	1.0078	21.4786	2.5109	1.00008
8000	4.3030	0.8296	1.0076	21.5427	2.5114	1.00011
8200	4.3139	0.8190	1.0074	21.6054	2.5122	1.00015
8400	4.3245	0.8085	1.0073	21.6671	2.5133	1.00022
8500	4.3298	0.8035	1.0072	21.6974	2.5139	1.00025
8600	4.3350	0.7984	1.0072	21.7276	2.5147	1.00029
8800	4.3453	0.7885	1.0071	21.7873	2.5166	1.00038
9000	4.3554	0.7787	1.0070	21.8461	2.5189	1.00050
9200	4.3655	0.7692	1.0070	21.9044	2.5216	1.00064
9400	4.3754	0.7598	1.0070	21.9621	2.5252	1.00081
9500	4.3804	0.7553	1.0070	21.9908	2.5271	1.00092
9600	4.3853	0.7507	1.0070	22.0195	2.5293	1.00103
9800	4.3951	0.7417	1.0071	22.0766	2.5344	1.00130
10000	4.4049	0.7329	1.0073	22.1339	2.5403	1.00161
10200	4.4147	0.7242	1.0075	22.1913	2.5474	1.00198
10400	4.4245	0.7156	1.0078	22.2492	2.5556	1.00243

LOG P= 2.3

T.	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.4295	0.7114	1.0079	22.2781	2.5601	1.00268
10600	4.4344	0.7072	1.0081	22.3075	2.5651	1.00295
10800	4.4444	0.6989	1.0085	22.3666	2.5762	1.00357
11000	4.4545	0.6907	1.0091	22.4266	2.5888	1.00428
11200	4.4647	0.6826	1.0097	22.4878	2.6032	1.00510
11400	4.4752	0.6746	1.0104	22.5506	2.6197	1.00606
11500	4.4804	0.6706	1.0108	22.5825	2.6287	1.00659
11600	4.4858	0.6667	1.0113	22.6147	2.6384	1.00715
11800	4.4966	0.6589	1.0122	22.6810	2.6592	1.00841
12000	4.5078	0.6510	1.0134	22.7495	2.6827	1.00983
12200	4.5192	0.6433	1.0147	22.8201	2.7090	1.01143
12400	4.5309	0.6356	1.0161	22.8936	2.7382	1.01324
12500	4.5369	0.6318	1.0169	22.9316	2.7539	1.01424
12600	4.5429	0.6280	1.0178	22.9701	2.7705	1.01528
12800	4.5553	0.6204	1.0196	23.0496	2.8062	1.01756
13000	4.5681	0.6128	1.0217	23.1327	2.8455	1.02010
13200	4.5813	0.6051	1.0240	23.2197	2.8887	1.02291
13400	4.5948	0.5975	1.0265	23.3107	2.9358	1.02603
13500	4.6018	0.5937	1.0279	23.3576	2.9609	1.02771
13600	4.6088	0.5899	1.0293	23.4058	2.9872	1.02947
13800	4.6232	0.5823	1.0324	23.5056	3.0430	1.03325
14000	4.6380	0.5746	1.0357	23.6105	3.1035	1.03741
14200	4.6532	0.5670	1.0394	23.7201	3.1689	1.04194
14400	4.6688	0.5592	1.0433	23.8354	3.2393	1.04688
14500	4.6768	0.5553	1.0455	23.8952	3.2764	1.04951
14600	4.6848	0.5514	1.0477	23.9563	3.3149	1.05225
14800	4.7012	0.5436	1.0523	24.0827	3.3959	1.05806
15000	4.7180	0.5357	1.0573	24.2154	3.4823	1.06435
15200	4.7351	0.5278	1.0627	24.3541	3.5744	1.07112
15400	4.7525	0.5197	1.0685	24.4995	3.6723	1.07840
15500	4.7613	0.5157	1.0716	24.5744	3.7234	1.08223
15600	4.7701	0.5116	1.0747	24.6510	3.7759	1.08619
15800	4.7881	0.5034	1.0813	24.8094	3.8854	1.09451
16000	4.8063	0.4951	1.0883	24.9742	4.0007	1.10338
16200	4.8246	0.4868	1.0958	25.1458	4.1218	1.11280
16400	4.8431	0.4783	1.1037	25.3240	4.2487	1.12279
16500	4.8524	0.4741	1.1078	25.4156	4.3143	1.12799
16600	4.8617	0.4698	1.1120	25.5088	4.3812	1.13334
16800	4.8804	0.4612	1.1207	25.7001	4.5192	1.14445
17000	4.8991	0.4525	1.1300	25.8976	4.6625	1.15613
17200	4.9178	0.4437	1.1396	26.1016	4.8109	1.16837
17400	4.9364	0.4349	1.1497	26.3113	4.9643	1.18116
17500	4.9457	0.4304	1.1549	26.4182	5.0424	1.18775
17600	4.9550	0.4259	1.1602	26.5268	5.1220	1.19448
17800	4.9734	0.4169	1.1712	26.7473	5.2838	1.20832
18000	4.9916	0.4079	1.1825	26.9728	5.4494	1.22264
18200	5.0097	0.3988	1.1943	27.2029	5.6182	1.23745
18400	5.0275	0.3897	1.2064	27.4370	5.7900	1.25270
18500	5.0363	0.3851	1.2126	27.5551	5.8766	1.26047
18600	5.0450	0.3806	1.2189	27.6741	5.9637	1.26834
18800	5.0623	0.3713	1.2317	27.9149	6.1397	1.28437
19000	5.0792	0.3621	1.2448	28.1578	6.3167	1.30073
19200	5.0958	0.3530	1.2582	28.4021	6.4941	1.31736
19400	5.1121	0.3437	1.2719	28.6484	6.6720	1.33427
19500	5.1200	0.3392	1.2788	28.7714	6.7605	1.34277

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19600	5.1279	0.3346	1.2858	28.8945	6.8489	1.35134
19800	5.1433	0.3254	1.2998	29.1411	7.0250	1.36858
20000	5.1583	0.3164	1.3141	29.3866	7.1991	1.38591
20500	5.1939	0.2939	1.3500	29.9947	7.6241	1.42939
21000	5.2268	0.2720	1.3862	30.5866	8.0274	1.47245
21500	5.2569	0.2507	1.4220	31.1553	8.4028	1.51443
22000	5.2842	0.2301	1.4570	31.6956	8.7459	1.55476
22500	5.3090	0.2105	1.4907	32.2031	9.0536	1.59297
23000	5.3314	0.1916	1.5229	32.6776	9.3261	1.62885
23500	5.3517	0.1736	1.5535	33.1189	9.5643	1.66226
24000	5.3701	0.1565	1.5823	33.5287	9.7703	1.69317
24500	5.3869	0.1401	1.6094	33.9094	9.9476	1.72170
25000	5.4023	0.1246	1.6347	34.2641	10.1000	1.74800
25500	5.4165	0.1097	1.6585	34.5978	10.2324	1.77240
26000	5.4299	0.0955	1.6810	34.9141	10.3490	1.79513
26500	5.4425	0.0817	1.7023	35.2179	10.4544	1.81657
27000	5.4547	0.0684	1.7226	35.5126	10.5528	1.83700
27500	5.4666	0.0555	1.7423	35.8030	10.6487	1.85680
28000	5.4784	0.0429	1.7616	36.0926	10.7457	1.87629
28500	5.4902	0.0306	1.7807	36.3850	10.8472	1.89578
29000	5.5021	0.0184	1.7999	36.6839	10.9566	1.91560
29500	5.5142	0.0062	1.8194	36.9926	11.0767	1.93606
30000	5.5267	-0.0058	1.8395	37.3121	11.2092	1.95734
30500	5.5395	-0.0179	1.8602	37.6461	11.3564	1.97973
31000	5.5528	-0.0300	1.8819	37.9948	11.5194	2.00338
31500	5.5664	-0.0421	1.9045	38.3593	11.6984	2.02841
32000	5.5805	-0.0544	1.9284	38.7411	11.8942	2.05498
32500	5.5949	-0.0667	1.9533	39.1384	12.1055	2.08303
33000	5.6095	-0.0791	1.9795	39.5510	12.3317	2.11259
33500	5.6244	-0.0916	2.0068	39.9774	12.5707	2.14356
34000	5.6394	-0.1041	2.0352	40.4153	12.8208	2.17579
34500	5.6544	-0.1167	2.0646	40.8638	13.0799	2.20918
35000	5.6694	-0.1292	2.0947	41.3186	13.3449	2.24345

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
400	2.9574	2.2370	1.0591	13.4957	2.2664	1.00000
500	3.0750	2.1205	1.0593	14.1886	2.3767	1.00000
600	3.1669	2.0322	1.0611	14.7170	2.4475	1.00000
700	3.2399	1.9641	1.0647	15.1364	2.4822	1.00000
800	3.3020	1.9058	1.0654	15.4930	2.5057	1.00000
900	3.3555	1.8552	1.0640	15.8026	2.5194	1.00000
1000	3.4027	1.8100	1.0617	16.0734	2.5274	1.00000
1200	3.4831	1.7330	1.0562	16.5426	2.5349	1.00000
1400	3.5505	1.6683	1.0509	16.9357	2.5370	1.00000
1500	3.5804	1.6394	1.0484	17.1108	2.5372	1.00000
1600	3.6084	1.6123	1.0462	17.2743	2.5369	1.00000
1800	3.6594	1.5629	1.0420	17.5719	2.5358	1.00000
2000	3.7049	1.5186	1.0385	17.8375	2.5343	1.00000
2200	3.7460	1.4784	1.0354	18.0774	2.5326	1.00000
2400	3.7835	1.4418	1.0327	18.2959	2.5309	1.00000
2500	3.8011	1.4246	1.0315	18.3985	2.5301	1.00000
2600	3.8180	1.4081	1.0304	18.4968	2.5294	1.00000
2800	3.8499	1.3767	1.0283	18.6827	2.5279	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3000	3.8796	1.3475	1.0265	18.8557	2.5265	1.00000
3200	3.9074	1.3202	1.0249	19.0174	2.5252	1.00000
3400	3.9336	1.2944	1.0234	19.1694	2.5240	1.00000
3500	3.9461	1.2822	1.0227	19.2419	2.5234	1.00000
3600	3.9582	1.2702	1.0221	19.3125	2.5228	1.00000
3800	3.9815	1.2472	1.0209	19.4478	2.5218	1.00000
4000	4.0036	1.2254	1.0198	19.5761	2.5209	1.00000
4200	4.0246	1.2046	1.0189	19.6982	2.5200	1.00000
4400	4.0447	1.1848	1.0180	19.8146	2.5191	1.00000
4500	4.0544	1.1752	1.0176	19.8708	2.5188	1.00000
4600	4.0639	1.1659	1.0172	19.9257	2.5184	1.00000
4800	4.0822	1.1477	1.0164	20.0323	2.5176	1.00000
5000	4.0999	1.1303	1.0157	20.1344	2.5170	1.00000
5200	4.1168	1.1135	1.0151	20.2324	2.5163	1.00000
5400	4.1331	1.0973	1.0145	20.3269	2.5157	1.00000
5500	4.1410	1.0896	1.0142	20.3725	2.5155	1.00000
5600	4.1488	1.0818	1.0139	20.4178	2.5152	1.00000
5800	4.1639	1.0668	1.0134	20.5055	2.5147	1.00000
6000	4.1786	1.0523	1.0129	20.5903	2.5143	1.00000
6200	4.1927	1.0382	1.0125	20.6723	2.5138	1.00000
6400	4.2064	1.0246	1.0120	20.7517	2.5134	1.00000
6500	4.2132	1.0180	1.0118	20.7905	2.5133	1.00001
6600	4.2198	1.0115	1.0116	20.8286	2.5131	1.00001
6800	4.2327	0.9986	1.0113	20.9035	2.5128	1.00001
7000	4.2452	0.9861	1.0109	20.9762	2.5127	1.00002
7200	4.2575	0.9741	1.0106	21.0468	2.5126	1.00003
7400	4.2693	0.9623	1.0103	21.1156	2.5125	1.00004
7500	4.2752	0.9566	1.0101	21.1493	2.5126	1.00004
7600	4.2809	0.9509	1.0100	21.1827	2.5126	1.00005
7800	4.2923	0.9397	1.0097	21.2482	2.5129	1.00008
8000	4.3033	0.9288	1.0095	21.3123	2.5133	1.00010
8200	4.3142	0.9182	1.0093	21.3749	2.5139	1.00014
8400	4.3248	0.9078	1.0091	21.4365	2.5148	1.00020
8500	4.3300	0.9027	1.0090	21.4667	2.5154	1.00022
8600	4.3352	0.8977	1.0089	21.4968	2.5160	1.00026
8800	4.3455	0.8878	1.0087	21.5562	2.5176	1.00035
9000	4.3556	0.8780	1.0086	21.6148	2.5196	1.00045
9200	4.3655	0.8685	1.0085	21.6728	2.5220	1.00057
9400	4.3754	0.8592	1.0085	21.7301	2.5252	1.00073
9500	4.3803	0.8546	1.0085	21.7586	2.5269	1.00083
9600	4.3852	0.8501	1.0085	21.7870	2.5288	1.00093
9800	4.3949	0.8411	1.0085	21.8436	2.5334	1.00117
10000	4.4046	0.8323	1.0086	21.9002	2.5386	1.00145
10200	4.4143	0.8236	1.0087	21.9568	2.5450	1.00178
10400	4.4240	0.8151	1.0089	22.0137	2.5523	1.00218
10500	4.4288	0.8109	1.0091	22.0422	2.5564	1.00241
10600	4.4337	0.8068	1.0092	22.0709	2.5609	1.00266
10800	4.4435	0.7984	1.0095	22.1290	2.5709	1.00321
11000	4.4534	0.7903	1.0100	22.1875	2.5822	1.00386
11200	4.4634	0.7823	1.0105	22.2472	2.5952	1.00460
11400	4.4736	0.7743	1.0111	22.3082	2.6102	1.00546
11500	4.4787	0.7703	1.0114	22.3393	2.6182	1.00594
11600	4.4839	0.7664	1.0118	22.3705	2.6270	1.00646
11800	4.4945	0.7586	1.0127	22.4346	2.6459	1.00758
12000	4.5052	0.7509	1.0136	22.5005	2.6672	1.00887

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	4.5163	0.7433	1.0148	22.5684	2.6910	1.01032
12400	4.5276	0.7357	1.0160	22.6389	2.7175	1.01196
12500	4.5333	0.7318	1.0167	22.6752	2.7317	1.01286
12600	4.5392	0.7281	1.0175	22.7120	2.7468	1.01380
12800	4.5511	0.7206	1.0191	22.7880	2.7793	1.01587
13000	4.5634	0.7131	1.0209	22.8671	2.8151	1.01817
13200	4.5761	0.7056	1.0229	22.9497	2.8543	1.02072
13400	4.5891	0.6981	1.0251	23.0358	2.8972	1.02355
13500	4.5957	0.6944	1.0263	23.0804	2.9202	1.02508
13600	4.6025	0.6907	1.0276	23.1259	2.9442	1.02668
13800	4.6163	0.6832	1.0303	23.2202	2.9951	1.03011
14000	4.6305	0.6757	1.0333	23.3190	3.0504	1.03389
14200	4.6451	0.6682	1.0365	23.4224	3.1102	1.03801
14400	4.6601	0.6606	1.0400	23.5309	3.1746	1.04251
14500	4.6677	0.6568	1.0419	23.5870	3.2086	1.04490
14600	4.6754	0.6530	1.0439	23.6444	3.2438	1.04740
14800	4.6912	0.6454	1.0480	23.7633	3.3181	1.05270
15000	4.7072	0.6377	1.0525	23.8877	3.3974	1.05843
15200	4.7237	0.6300	1.0573	24.0177	3.4820	1.06461
15400	4.7404	0.6222	1.0624	24.1539	3.5720	1.07126
15500	4.7489	0.6182	1.0651	24.2243	3.6191	1.07476
15600	4.7575	0.6144	1.0680	24.2959	3.6674	1.07838
15800	4.7748	0.6064	1.0738	24.4444	3.7683	1.08600
16000	4.7924	0.5984	1.0801	24.5985	3.8746	1.09411
16200	4.8101	0.5904	1.0868	24.7591	3.9865	1.10275
16400	4.8280	0.5822	1.0938	24.9263	4.1038	1.11192
16500	4.8370	0.5781	1.0975	25.0120	4.1645	1.11669
16600	4.8461	0.5740	1.1013	25.0994	4.2265	1.12160
16800	4.8642	0.5657	1.1091	25.2787	4.3544	1.13182
17000	4.8825	0.5574	1.1174	25.4640	4.4876	1.14257
17200	4.9007	0.5490	1.1260	25.6552	4.6255	1.15385
17400	4.9189	0.5404	1.1351	25.8524	4.7683	1.16565
17500	4.9280	0.5361	1.1398	25.9529	4.8413	1.17174
17600	4.9371	0.5318	1.1446	26.0550	4.9154	1.17797
17800	4.9551	0.5232	1.1544	26.2623	5.0666	1.19076
18000	4.9731	0.5145	1.1647	26.4749	5.2217	1.20405
18200	4.9909	0.5058	1.1753	26.6920	5.3801	1.21780
18400	5.0085	0.4970	1.1863	26.9132	5.5417	1.23198
18500	5.0172	0.4926	1.1919	27.0249	5.6232	1.23921
18600	5.0258	0.4882	1.1976	27.1376	5.7054	1.24656
18800	5.0429	0.4793	1.2093	27.3659	5.8717	1.26154
19000	5.0597	0.4704	1.2212	27.5964	6.0392	1.27684
19200	5.0762	0.4616	1.2335	27.8289	6.2078	1.29244
19400	5.0924	0.4526	1.2460	28.0638	6.3772	1.30836
19500	5.1004	0.4482	1.2523	28.1812	6.4617	1.31637
19600	5.1082	0.4438	1.2587	28.2990	6.5462	1.32445
19800	5.1237	0.4350	1.2717	28.5350	6.7150	1.34075
20000	5.1388	0.4262	1.2848	28.7709	6.8827	1.35719
20500	5.1747	0.4043	1.3182	29.3575	7.2941	1.39863
21000	5.2081	0.3827	1.3521	29.9329	7.6890	1.44005
21500	5.2388	0.3618	1.3859	30.4894	8.0602	1.48075
22000	5.2669	0.3415	1.4194	31.0221	8.4036	1.52023
22500	5.2925	0.3219	1.4520	31.5270	8.7160	1.55803
23000	5.3158	0.3031	1.4834	32.0015	8.9960	1.59381
23500	5.3369	0.2849	1.5136	32.4460	9.2442	1.62746

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
24000	5.3562	0.2676	1.5422	32.8602	9.4614	1.65882
24500	5.3737	0.2511	1.5694	33.2467	9.6509	1.68800
25000	5.3898	0.2353	1.5949	33.6073	9.8151	1.71505
25500	5.4047	0.2201	1.6192	33.9469	9.9587	1.74026
26000	5.4186	0.2056	1.6421	34.2676	10.0850	1.76378
26500	5.4318	0.1916	1.6638	34.5741	10.1980	1.78592
27000	5.4443	0.1781	1.6846	34.8698	10.3022	1.80696
27500	5.4564	0.1650	1.7046	35.1582	10.4008	1.82717
28000	5.4683	0.1523	1.7241	35.4437	10.4981	1.84692
28500	5.4800	0.1398	1.7432	35.7291	10.5968	1.86644
29000	5.4919	0.1276	1.7622	36.0177	10.7005	1.88605
29500	5.5037	0.1154	1.7814	36.3132	10.8118	1.90606
30000	5.5158	0.1034	1.8008	36.6164	10.9327	1.92663
30500	5.5283	0.0914	1.8209	36.9315	11.0656	1.94807
31000	5.5410	0.0795	1.8414	37.2584	11.2116	1.97053
31500	5.5541	0.0675	1.8628	37.5988	11.3715	1.99415
32000	5.5676	0.0555	1.8852	37.9542	11.5465	2.01910
32500	5.5814	0.0434	1.9085	38.3241	11.7358	2.04540
33000	5.5955	0.0312	1.9330	38.7082	11.9392	2.07309
33500	5.6098	0.0190	1.9584	39.1057	12.1555	2.10214
34000	5.6243	0.0068	1.9849	39.5154	12.3833	2.13246
34500	5.6389	-0.0056	2.0124	39.9358	12.6213	2.16396
35000	5.6535	-0.0178	2.0407	40.3644	12.8669	2.19646

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
400	2.9518	2.3377	1.0995	13.1806	2.2375	1.00000
500	3.0730	2.2141	1.0876	13.9191	2.3663	1.00000
600	3.1686	2.1230	1.0813	14.4675	2.4573	1.00000
700	3.2396	2.0571	1.0818	14.8879	2.4802	1.00000
800	3.3023	1.9994	1.0813	15.2486	2.5073	1.00000
900	3.3563	1.9489	1.0794	15.5616	2.5241	1.00000
1000	3.4038	1.9040	1.0766	15.8339	2.5341	1.00000
1200	3.4846	1.8275	1.0699	16.3064	2.5434	1.00000
1400	3.5520	1.7632	1.0633	16.7014	2.5461	1.00000
1500	3.5820	1.7345	1.0603	16.8771	2.5462	1.00000
1600	3.6100	1.7076	1.0575	17.0413	2.5459	1.00000
1800	3.6609	1.6586	1.0524	17.3397	2.5446	1.00000
2000	3.7063	1.6146	1.0480	17.6057	2.5428	1.00000
2200	3.7474	1.5748	1.0442	17.8461	2.5407	1.00000
2400	3.7848	1.5384	1.0409	18.0650	2.5386	1.00000
2500	3.8024	1.5213	1.0394	18.1677	2.5377	1.00000
2600	3.8192	1.5049	1.0380	18.2660	2.5367	1.00000
2800	3.8511	1.4737	1.0354	18.4521	2.5348	1.00000
3000	3.8808	1.4447	1.0331	18.6252	2.5331	1.00000
3200	3.9085	1.4176	1.0311	18.7870	2.5315	1.00000
3400	3.9346	1.3919	1.0293	18.9391	2.5300	1.00000
3500	3.9471	1.3798	1.0285	19.0116	2.5293	1.00000
3600	3.9592	1.3678	1.0277	19.0823	2.5286	1.00000
3800	3.9824	1.3450	1.0262	19.2177	2.5273	1.00000
4000	4.0045	1.3233	1.0248	19.3461	2.5261	1.00000
4200	4.0255	1.3026	1.0236	19.4681	2.5250	1.00000
4400	4.0455	1.2828	1.0225	19.5846	2.5239	1.00000
4500	4.0552	1.2733	1.0220	19.6407	2.5235	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.0647	1.2640	1.0215	19.6957	2.5230	1.00000
4800	4.0830	1.2459	1.0206	19.8022	2.5221	1.00000
5000	4.1006	1.2286	1.0197	19.9043	2.5213	1.00000
5200	4.1175	1.2119	1.0189	20.0024	2.5205	1.00000
5400	4.1338	1.1958	1.0181	20.0968	2.5198	1.00000
5500	4.1417	1.1880	1.0178	20.1426	2.5194	1.00000
5600	4.1494	1.1803	1.0174	20.1877	2.5191	1.00000
5800	4.1646	1.1653	1.0168	20.2756	2.5184	1.00000
6000	4.1792	1.1508	1.0162	20.3603	2.5179	1.00000
6200	4.1933	1.1369	1.0156	20.4424	2.5174	1.00000
6400	4.2070	1.1233	1.0151	20.5217	2.5168	1.00000
6500	4.2137	1.1167	1.0148	20.5606	2.5166	1.00000
6600	4.2203	1.1102	1.0146	20.5987	2.5164	1.00001
6800	4.2332	1.0974	1.0141	20.6735	2.5160	1.00001
7000	4.2458	1.0850	1.0137	20.7461	2.5157	1.00001
7200	4.2580	1.0729	1.0133	20.8167	2.5155	1.00002
7400	4.2698	1.0612	1.0129	20.8856	2.5153	1.00004
7500	4.2757	1.0554	1.0127	20.9192	2.5153	1.00004
7600	4.2814	1.0498	1.0125	20.9525	2.5153	1.00005
7800	4.2927	1.0387	1.0122	21.0180	2.5155	1.00007
8000	4.3038	1.0278	1.0119	21.0820	2.5157	1.00010
8200	4.3146	1.0172	1.0116	21.1445	2.5162	1.00013
8400	4.3252	1.0068	1.0113	21.2059	2.5170	1.00018
8500	4.3304	1.0018	1.0112	21.2361	2.5174	1.00020
8600	4.3355	0.9967	1.0111	21.2661	2.5179	1.00023
8800	4.3459	0.9868	1.0109	21.3254	2.5193	1.00031
9000	4.3558	0.9771	1.0107	21.3837	2.5210	1.00040
9200	4.3657	0.9676	1.0106	21.4414	2.5232	1.00052
9400	4.3755	0.9584	1.0104	21.4982	2.5259	1.00066
9500	4.3804	0.9538	1.0104	21.5267	2.5274	1.00074
9600	4.3852	0.9493	1.0104	21.5547	2.5291	1.00083
9800	4.3949	0.9403	1.0103	21.6110	2.5331	1.00105
10000	4.4045	0.9315	1.0103	21.6670	2.5378	1.00130
10200	4.4140	0.9229	1.0104	21.7229	2.5434	1.00161
10400	4.4236	0.9144	1.0105	21.7789	2.5500	1.00197
10500	4.4284	0.9103	1.0106	21.8070	2.5537	1.00217
10600	4.4332	0.9061	1.0107	21.8352	2.5578	1.00240
10800	4.4428	0.8978	1.0109	21.8922	2.5667	1.00290
11000	4.4525	0.8898	1.0113	21.9495	2.5769	1.00348
11200	4.4623	0.8818	1.0117	22.0078	2.5887	1.00416
11400	4.4722	0.8739	1.0122	22.0672	2.6022	1.00493
11500	4.4773	0.8699	1.0125	22.0975	2.6095	1.00536
11600	4.4823	0.8660	1.0128	22.1278	2.6174	1.00583
11800	4.4926	0.8583	1.0135	22.1900	2.6345	1.00685
12000	4.5031	0.8506	1.0143	22.2536	2.6538	1.00802
12200	4.5138	0.8431	1.0153	22.3192	2.6754	1.00933
12400	4.5247	0.8355	1.0164	22.3870	2.6994	1.01082
12500	4.5303	0.8317	1.0170	22.4218	2.7124	1.01163
12600	4.5359	0.8281	1.0176	22.4570	2.7262	1.01248
12800	4.5474	0.8206	1.0190	22.5298	2.7557	1.01436
13000	4.5593	0.8132	1.0206	22.6054	2.7883	1.01645
13200	4.5715	0.8058	1.0223	22.6841	2.8241	1.01877
13400	4.5840	0.7985	1.0243	22.7659	2.8633	1.02134
13500	4.5904	0.7948	1.0254	22.8084	2.8843	1.02273
13600	4.5969	0.7912	1.0265	22.8515	2.9062	1.02418

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13800	4.6101	0.7838	1.0288	22.9408	2.9528	1.02731
14000	4.6237	0.7765	1.0315	23.0343	3.0034	1.03075
14200	4.6378	0.7691	1.0343	23.1320	3.0582	1.03450
14400	4.6521	0.7617	1.0374	23.2344	3.1173	1.03861
14500	4.6595	0.7580	1.0391	23.2873	3.1485	1.04079
14600	4.6669	0.7542	1.0408	23.3414	3.1809	1.04307
14800	4.6820	0.7468	1.0445	23.4533	3.2490	1.04791
15000	4.6975	0.7394	1.0484	23.5704	3.3220	1.05315
15200	4.7133	0.7319	1.0527	23.6927	3.3999	1.05880
15400	4.7294	0.7243	1.0573	23.8206	3.4828	1.06488
15500	4.7376	0.7205	1.0597	23.8866	3.5262	1.06808
15600	4.7459	0.7167	1.0622	23.9541	3.5708	1.07140
15800	4.7626	0.7090	1.0674	24.0934	3.6639	1.07838
16000	4.7796	0.7013	1.0730	24.2383	3.7623	1.08582
16200	4.7968	0.6935	1.0789	24.3890	3.8658	1.09375
16400	4.8141	0.6856	1.0852	24.5460	3.9745	1.10218
16500	4.8229	0.6817	1.0885	24.6265	4.0307	1.10657
16600	4.8316	0.6777	1.0919	24.7086	4.0882	1.11108
16800	4.8493	0.6697	1.0989	24.8770	4.2070	1.12050
17000	4.8670	0.6617	1.1063	25.0513	4.3308	1.13041
17200	4.8848	0.6536	1.1140	25.2310	4.4591	1.14081
17400	4.9026	0.6454	1.1222	25.4166	4.5923	1.15171
17500	4.9115	0.6412	1.1264	25.5113	4.6605	1.15734
17600	4.9203	0.6371	1.1307	25.6073	4.7297	1.16310
17800	4.9380	0.6289	1.1395	25.8027	4.8711	1.17495
18000	4.9557	0.6205	1.1488	26.0033	5.0163	1.18727
18200	4.9731	0.6121	1.1583	26.2084	5.1651	1.20005
18400	4.9905	0.6036	1.1682	26.4175	5.3169	1.21324
18500	4.9991	0.5995	1.1733	26.5230	5.3936	1.21997
18600	5.0076	0.5952	1.1785	26.6300	5.4712	1.22682
18800	5.0245	0.5866	1.1890	26.8464	5.6282	1.24081
19000	5.0412	0.5781	1.1999	27.0652	5.7867	1.25512
19200	5.0576	0.5696	1.2110	27.2866	5.9467	1.26974
19400	5.0737	0.5609	1.2224	27.5102	6.1077	1.28468
19500	5.0816	0.5567	1.2282	27.6223	6.1882	1.29222
19600	5.0895	0.5524	1.2340	27.7348	6.2689	1.29982
19800	5.1049	0.5438	1.2459	27.9607	6.4303	1.31520
20000	5.1200	0.5353	1.2579	28.1867	6.5911	1.33075
20500	5.1561	0.5141	1.2887	28.7513	6.9879	1.37011
21000	5.1898	0.4932	1.3202	29.3079	7.3716	1.40970
21500	5.2210	0.4727	1.3519	29.8501	7.7361	1.44891
22000	5.2497	0.4526	1.3835	30.3725	8.0767	1.48724
22500	5.2760	0.4331	1.4146	30.8713	8.3904	1.52428
23000	5.3000	0.4145	1.4449	31.3427	8.6744	1.55961
23500	5.3219	0.3963	1.4742	31.7872	8.9293	1.59313
24000	5.3419	0.3790	1.5023	32.2030	9.1549	1.62460
24500	5.3602	0.3623	1.5292	32.5930	9.3539	1.65411
25000	5.3770	0.3464	1.5548	32.9580	9.5282	1.68164
25500	5.3925	0.3311	1.5791	33.3012	9.6812	1.70738
26000	5.4069	0.3163	1.6022	33.6257	9.8164	1.73149
26500	5.4205	0.3021	1.6241	33.9343	9.9369	1.75419
27000	5.4334	0.2884	1.6452	34.2312	10.0470	1.77575
27500	5.4458	0.2751	1.6655	34.5192	10.1498	1.79640
28000	5.4578	0.2622	1.6851	34.8019	10.2487	1.81644
28500	5.4697	0.2496	1.7043	35.0823	10.3468	1.83610

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
29000	5.4814	0.2372	1.7233	35.3633	10.4472	1.85565
29500	5.4932	0.2250	1.7422	35.6482	10.5525	1.87539
30000	5.5051	0.2131	1.7612	35.9386	10.6647	1.89548
30500	5.5172	0.2011	1.7806	36.2377	10.7863	1.91622
31000	5.5295	0.1892	1.8004	36.5464	10.9187	1.93774
31500	5.5422	0.1774	1.8208	36.8661	11.0628	1.96022
32000	5.5551	0.1656	1.8419	37.1983	11.2197	1.98379
32500	5.5684	0.1537	1.8639	37.5436	11.3896	2.00858
33000	5.5819	0.1418	1.8868	37.9018	11.5726	2.03463
33500	5.5957	0.1298	1.9106	38.2727	11.7680	2.06193
34000	5.6098	0.1178	1.9354	38.6556	11.9751	2.09048
34500	5.6239	0.1057	1.9610	39.0493	12.1923	2.12020
35000	5.6381	0.0936	1.9876	39.4518	12.4181	2.15096

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
500	3.0712	2.3016	1.1194	13.6564	2.3560	1.00000
600	3.1699	2.2119	1.1074	14.2136	2.4645	1.00000
700	3.2396	2.1483	1.1039	14.6369	2.4802	1.00000
800	3.3026	2.0914	1.1013	15.0016	2.5093	1.00000
900	3.3573	2.0414	1.0985	15.3182	2.5298	1.00000
1000	3.4052	1.9967	1.0949	15.5921	2.5423	1.00000
1200	3.4864	1.9207	1.0866	16.0685	2.5538	1.00000
1400	3.5539	1.8570	1.0786	16.4660	2.5572	1.00000
1500	3.5839	1.8286	1.0749	16.6426	2.5574	1.00000
1600	3.6119	1.8019	1.0714	16.8074	2.5571	1.00000
1800	3.6627	1.7533	1.0652	17.1068	2.5555	1.00000
2000	3.7081	1.7098	1.0598	17.3737	2.5533	1.00000
2200	3.7491	1.6703	1.0551	17.6144	2.5507	1.00000
2400	3.7864	1.6342	1.0510	17.8338	2.5482	1.00000
2500	3.8040	1.6172	1.0491	17.9366	2.5470	1.00000
2600	3.8208	1.6009	1.0474	18.0351	2.5458	1.00000
2800	3.8526	1.5700	1.0442	18.2215	2.5434	1.00000
3000	3.8822	1.5413	1.0414	18.3947	2.5414	1.00000
3200	3.9099	1.5143	1.0389	18.5566	2.5394	1.00000
3400	3.9359	1.4888	1.0366	18.7088	2.5375	1.00000
3500	3.9483	1.4768	1.0356	18.7813	2.5366	1.00000
3600	3.9604	1.4649	1.0346	18.8520	2.5357	1.00000
3800	3.9836	1.4422	1.0328	18.9874	2.5341	1.00000
4000	4.0056	1.4206	1.0311	19.1160	2.5327	1.00000
4200	4.0266	1.4001	1.0296	19.2380	2.5313	1.00000
4400	4.0466	1.3804	1.0282	19.3545	2.5300	1.00000
4500	4.0562	1.3710	1.0276	19.4107	2.5294	1.00000
4600	4.0657	1.3617	1.0269	19.4657	2.5288	1.00000
4800	4.0840	1.3437	1.0257	19.5723	2.5277	1.00000
5000	4.1015	1.3264	1.0247	19.6744	2.5267	1.00000
5200	4.1184	1.3098	1.0237	19.7725	2.5257	1.00000
5400	4.1346	1.2938	1.0227	19.8669	2.5248	1.00000
5500	4.1425	1.2861	1.0223	19.9128	2.5243	1.00000
5600	4.1503	1.2784	1.0219	19.9578	2.5239	1.00000
5800	4.1654	1.2635	1.0210	20.0457	2.5231	1.00000
6000	4.1800	1.2491	1.0203	20.1304	2.5224	1.00000
6200	4.1941	1.2351	1.0196	20.2125	2.5217	1.00000
6400	4.2078	1.2217	1.0189	20.2917	2.5211	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6500	4.2145	1.2150	1.0186	20.3307	2.5208	1.00000
6600	4.2210	1.2085	1.0183	20.3689	2.5205	1.00001
6800	4.2339	1.1959	1.0177	20.4435	2.5200	1.00001
7000	4.2464	1.1835	1.0172	20.5162	2.5195	1.00001
7200	4.2586	1.1715	1.0167	20.5868	2.5192	1.00002
7400	4.2705	1.1598	1.0162	20.6555	2.5189	1.00003
7500	4.2763	1.1541	1.0159	20.6892	2.5188	1.00004
7600	4.2820	1.1484	1.0157	20.7225	2.5188	1.00004
7800	4.2933	1.1373	1.0153	20.7879	2.5187	1.00006
8000	4.3043	1.1265	1.0149	20.8518	2.5189	1.00008
8200	4.3151	1.1159	1.0145	20.9144	2.5192	1.00012
8400	4.3256	1.1056	1.0142	20.9755	2.5198	1.00016
8500	4.3308	1.1005	1.0140	21.0057	2.5201	1.00018
8600	4.3360	1.0956	1.0138	21.0356	2.5205	1.00021
8800	4.3462	1.0857	1.0136	21.0947	2.5217	1.00028
9000	4.3562	1.0760	1.0133	21.1528	2.5231	1.00036
9200	4.3660	1.0666	1.0131	21.2102	2.5250	1.00047
9400	4.3758	1.0573	1.0129	21.2668	2.5273	1.00059
9500	4.3806	1.0527	1.0128	21.2950	2.5286	1.00067
9600	4.3854	1.0483	1.0127	21.3229	2.5302	1.00075
9800	4.3950	1.0393	1.0126	21.3788	2.5337	1.00095
10000	4.4045	1.0306	1.0125	21.4342	2.5379	1.00117
10200	4.4139	1.0220	1.0125	21.4895	2.5428	1.00146
10400	4.4234	1.0136	1.0126	21.5447	2.5488	1.00177
10500	4.4281	1.0094	1.0126	21.5724	2.5521	1.00196
10600	4.4328	1.0052	1.0127	21.6002	2.5557	1.00217
10800	4.4423	0.9970	1.0128	21.6562	2.5638	1.00262
11000	4.4518	0.9890	1.0130	21.7125	2.5729	1.00314
11200	4.4614	0.9811	1.0133	21.7696	2.5836	1.00376
11400	4.4712	0.9732	1.0137	21.8275	2.5957	1.00446
11500	4.4761	0.9692	1.0139	21.8570	2.6024	1.00485
11600	4.4810	0.9655	1.0142	21.8865	2.6095	1.00527
11800	4.4910	0.9577	1.0148	21.9470	2.6250	1.00620
12000	4.5012	0.9501	1.0155	22.0088	2.6425	1.00726
12200	4.5116	0.9427	1.0163	22.0721	2.6622	1.00845
12400	4.5222	0.9352	1.0172	22.1375	2.6841	1.00980
12500	4.5276	0.9314	1.0177	22.1710	2.6959	1.01054
12600	4.5331	0.9278	1.0182	22.2050	2.7084	1.01131
12800	4.5442	0.9204	1.0194	22.2748	2.7354	1.01302
13000	4.5557	0.9131	1.0208	22.3472	2.7651	1.01492
13200	4.5674	0.9058	1.0223	22.4223	2.7978	1.01703
13400	4.5795	0.8986	1.0240	22.5005	2.8337	1.01938
13500	4.5856	0.8950	1.0249	22.5408	2.8529	1.02064
13600	4.5919	0.8914	1.0259	22.5820	2.8729	1.02197
13800	4.6046	0.8842	1.0280	22.6669	2.9156	1.02482
14000	4.6177	0.8769	1.0303	22.7557	2.9621	1.02796
14200	4.6312	0.8697	1.0328	22.8483	3.0123	1.03138
14400	4.6450	0.8625	1.0355	22.9451	3.0666	1.03513
14500	4.6521	0.8589	1.0370	22.9951	3.0954	1.03713
14600	4.6592	0.8552	1.0385	23.0463	3.1252	1.03921
14800	4.6738	0.8480	1.0417	23.1520	3.1879	1.04364
15000	4.6887	0.8407	1.0452	23.2626	3.2552	1.04844
15200	4.7039	0.8334	1.0490	23.3781	3.3271	1.05362
15400	4.7195	0.8260	1.0531	23.4986	3.4036	1.05920
15500	4.7274	0.8224	1.0552	23.5607	3.4437	1.06213

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15600	4.7353	0.8186	1.0574	23.6243	3.4849	1.06518
15800	4.7515	0.8112	1.0621	23.7554	3.5711	1.07159
16000	4.7679	0.8037	1.0670	23.8921	3.6623	1.07844
16200	4.7845	0.7962	1.0723	24.0340	3.7582	1.08573
16400	4.8013	0.7886	1.0779	24.1816	3.8590	1.09348
16500	4.8098	0.7848	1.0808	24.2575	3.9114	1.09753
16600	4.8183	0.7810	1.0838	24.3348	3.9649	1.10169
16800	4.8355	0.7733	1.0901	24.4934	4.0753	1.11038
17000	4.8527	0.7654	1.0966	24.6578	4.1907	1.11952
17200	4.8701	0.7577	1.1036	24.8271	4.3105	1.12914
17400	4.8874	0.7498	1.1108	25.0021	4.4348	1.13923
17500	4.8961	0.7458	1.1146	25.0913	4.4984	1.14444
17600	4.9048	0.7419	1.1184	25.1818	4.5632	1.14977
17800	4.9221	0.7339	1.1263	25.3665	4.6957	1.16077
18000	4.9394	0.7259	1.1346	25.5561	4.8319	1.17221
18200	4.9566	0.7178	1.1432	25.7500	4.9716	1.18409
18400	4.9736	0.7097	1.1521	25.9477	5.1144	1.19636
18500	4.9821	0.7056	1.1567	26.0481	5.1868	1.20264
18600	4.9905	0.7015	1.1613	26.1494	5.2600	1.20903
18800	5.0072	0.6934	1.1708	26.3544	5.4080	1.22208
19000	5.0237	0.6851	1.1806	26.5625	5.5580	1.23546
19200	5.0399	0.6769	1.1907	26.7731	5.7097	1.24916
19400	5.0559	0.6686	1.2010	26.9860	5.8626	1.26317
19500	5.0638	0.6645	1.2062	27.0931	5.9392	1.27026
19600	5.0716	0.6604	1.2115	27.2005	6.0162	1.27741
19800	5.0870	0.6521	1.2223	27.4164	6.1701	1.29189
20000	5.1020	0.6439	1.2333	27.6329	6.3239	1.30656
20500	5.1382	0.6233	1.2615	28.1752	6.7053	1.34383
21000	5.1720	0.6031	1.2905	28.7122	7.0765	1.38152
21500	5.2036	0.5830	1.3200	29.2388	7.4325	1.41912
22000	5.2327	0.5634	1.3496	29.7491	7.7680	1.45613
22500	5.2596	0.5442	1.3790	30.2391	8.0797	1.49214
23000	5.2842	0.5258	1.4078	30.7048	8.3648	1.52673
23500	5.3068	0.5077	1.4360	31.1465	8.6235	1.55980
24000	5.3274	0.4905	1.4633	31.5614	8.8547	1.59105
24500	5.3463	0.4738	1.4895	31.9521	9.0606	1.62056
25000	5.3637	0.4577	1.5147	32.3193	9.2428	1.64828
25500	5.3798	0.4423	1.5388	32.6647	9.4037	1.67430
26000	5.3948	0.4274	1.5618	32.9917	9.5465	1.69878
26500	5.4089	0.4131	1.5838	33.3018	9.6739	1.72187
27000	5.4221	0.3992	1.6049	33.5995	9.7897	1.74380
27500	5.4348	0.3857	1.6253	33.8876	9.8969	1.76481
28000	5.4471	0.3726	1.6450	34.1680	9.9982	1.78508
28500	5.4590	0.3599	1.6642	34.4444	10.0968	1.80487
29000	5.4708	0.3475	1.6831	34.7195	10.1954	1.82443
29500	5.4825	0.3352	1.7019	34.9960	10.2968	1.84399
30000	5.4943	0.3232	1.7206	35.2758	10.4027	1.86374
30500	5.5061	0.3113	1.7394	35.5614	10.5156	1.88391
31000	5.5182	0.2994	1.7586	35.8549	10.6371	1.90472
31500	5.5305	0.2877	1.7782	36.1573	10.7682	1.92630
32000	5.5430	0.2760	1.7984	36.4699	10.9102	1.94878
32500	5.5558	0.2643	1.8192	36.7934	11.0635	1.97230
33000	5.5688	0.2525	1.8408	37.1286	11.2286	1.99693
33500	5.5821	0.2407	1.8631	37.4753	11.4052	2.02270
34000	5.5957	0.2289	1.8863	37.8333	11.5927	2.04964

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
34500	5.6094	0.2170	1.9104	38.2018	11.7906	2.07772
35000	5.6231	0.2052	1.9352	38.5793	11.9971	2.10682

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
500	3.0690	2.3802	1.1523	13.4068	2.3443	1.00000
600	3.1691	2.2998	1.1393	13.9524	2.4601	1.00000
700	3.2400	2.2376	1.1317	14.3821	2.4824	1.00000
800	3.3034	2.1817	1.1262	14.7517	2.5134	1.00000
900	3.3586	2.1324	1.1218	15.0721	2.5370	1.00000
1000	3.4069	2.0879	1.1170	15.3475	2.5521	1.00000
1200	3.4985	2.0127	1.1070	15.8287	2.5665	1.00000
1400	3.5562	1.9495	1.0973	16.2292	2.5708	1.00000
1500	3.5862	1.9214	1.0927	16.4068	2.5711	1.00000
1600	3.6142	1.8950	1.0885	16.5725	2.5708	1.00000
1800	3.6650	1.8469	1.0809	16.8732	2.5688	1.00000
2000	3.7103	1.8038	1.0742	17.1410	2.5661	1.00000
2200	3.7512	1.7648	1.0685	17.3823	2.5630	1.00000
2400	3.7885	1.7291	1.0634	17.6022	2.5600	1.00000
2500	3.8059	1.7123	1.0611	17.7052	2.5585	1.00000
2600	3.8227	1.6961	1.0590	17.8040	2.5570	1.00000
2800	3.8544	1.6655	1.0551	17.9906	2.5542	1.00000
3000	3.8839	1.6370	1.0516	18.1640	2.5516	1.00000
3200	3.9115	1.6103	1.0485	18.3261	2.5491	1.00000
3400	3.9375	1.5851	1.0457	18.4784	2.5468	1.00000
3500	3.9499	1.5731	1.0444	18.5509	2.5457	1.00000
3600	3.9619	1.5614	1.0432	18.6216	2.5446	1.00000
3800	3.9851	1.5388	1.0409	18.7573	2.5427	1.00000
4000	4.0070	1.5174	1.0389	18.8858	2.5408	1.00000
4200	4.0279	1.4970	1.0370	19.0081	2.5391	1.00000
4400	4.0479	1.4775	1.0353	19.1245	2.5375	1.00000
4500	4.0575	1.4681	1.0344	19.1807	2.5368	1.00000
4600	4.0669	1.4589	1.0337	19.2357	2.5360	1.00000
4800	4.0852	1.4410	1.0322	19.3423	2.5347	1.00000
5000	4.1027	1.4238	1.0309	19.4444	2.5334	1.00000
5200	4.1195	1.4073	1.0296	19.5426	2.5322	1.00000
5400	4.1357	1.3914	1.0285	19.6369	2.5310	1.00000
5500	4.1436	1.3837	1.0279	19.6830	2.5305	1.00000
5600	4.1513	1.3761	1.0274	19.7280	2.5300	1.00000
5800	4.1664	1.3612	1.0264	19.8158	2.5290	1.00000
6000	4.1809	1.3469	1.0254	19.9006	2.5280	1.00000
6200	4.1950	1.3330	1.0245	19.9827	2.5272	1.00000
6400	4.2087	1.3197	1.0237	20.0619	2.5264	1.00000
6500	4.2154	1.3131	1.0233	20.1008	2.5260	1.00000
6600	4.2219	1.3066	1.0229	20.1389	2.5256	1.00000
6800	4.2348	1.2939	1.0222	20.2137	2.5250	1.00001
7000	4.2473	1.2816	1.0215	20.2863	2.5244	1.00001
7200	4.2594	1.2697	1.0209	20.3569	2.5239	1.00002
7400	4.2712	1.2580	1.0203	20.4256	2.5235	1.00002
7500	4.2770	1.2523	1.0200	20.4593	2.5233	1.00004
7600	4.2828	1.2467	1.0197	20.4925	2.5232	1.00004
7800	4.2940	1.2356	1.0191	20.5579	2.5229	1.00006
8000	4.3050	1.2249	1.0186	20.6217	2.5229	1.00008
8200	4.3157	1.2143	1.0182	20.6843	2.5231	1.00011

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8400	4.3263	1.2041	1.0177	20.7452	2.5235	1.00014
9500	4.3314	1.1990	1.0175	20.7755	2.5236	1.00017
8600	4.3366	1.1941	1.0173	20.8052	2.5240	1.00019
8800	4.3467	1.1843	1.0169	20.8642	2.5249	1.00025
9000	4.3567	1.1746	1.0166	20.9221	2.5260	1.00033
9200	4.3665	1.1652	1.0163	20.9792	2.5276	1.00042
9400	4.3762	1.1560	1.0160	21.0356	2.5296	1.00054
9500	4.3810	1.1514	1.0158	21.0636	2.5308	1.00061
9600	4.3858	1.1469	1.0157	21.0914	2.5321	1.00068
9800	4.3952	1.1380	1.0155	21.1469	2.5352	1.00086
10000	4.4046	1.1294	1.0154	21.2017	2.5389	1.00106
10200	4.4140	1.1208	1.0153	21.2564	2.5433	1.00132
10400	4.4233	1.1124	1.0152	21.3111	2.5486	1.00161
10500	4.4280	1.1083	1.0152	21.3385	2.5515	1.00177
10600	4.4327	1.1041	1.0152	21.3659	2.5548	1.00196
10800	4.4420	1.0960	1.0152	21.4210	2.5620	1.00237
11000	4.4514	1.0880	1.0154	21.4763	2.5703	1.00284
11200	4.4608	1.0801	1.0156	21.5323	2.5799	1.00341
11400	4.4704	1.0723	1.0158	21.5890	2.5909	1.00404
11500	4.4752	1.0684	1.0160	21.6178	2.5970	1.00440
11600	4.4800	1.0646	1.0162	21.6467	2.6033	1.00478
11800	4.4898	1.0569	1.0166	21.7056	2.6174	1.00562
12000	4.4997	1.0494	1.0172	21.7655	2.6334	1.00658
12200	4.5098	1.0420	1.0178	21.8270	2.6512	1.00767
12400	4.5201	1.0346	1.0186	21.8903	2.6712	1.00890
12500	4.5254	1.0309	1.0190	21.9226	2.6820	1.00957
12600	4.5307	1.0272	1.0194	21.9554	2.6934	1.01028
12800	4.5415	1.0200	1.0204	22.0226	2.7180	1.01183
13000	4.5525	1.0127	1.0216	22.0922	2.7452	1.01356
13200	4.5639	1.0056	1.0229	22.1642	2.7752	1.01549
13400	4.5755	0.9984	1.0244	22.2391	2.8080	1.01763
13500	4.5815	0.9949	1.0252	22.2775	2.8257	1.01879
13600	4.5875	0.9913	1.0260	22.3169	2.8440	1.02000
13800	4.5998	0.9842	1.0278	22.3980	2.8833	1.02260
14000	4.6124	0.9771	1.0298	22.4825	2.9259	1.02548
14200	4.6254	0.9701	1.0320	22.5704	2.9722	1.02861
14400	4.6387	0.9630	1.0344	22.6623	3.0222	1.03205
14500	4.6455	0.9595	1.0356	22.7098	3.0487	1.03388
14600	4.6524	0.9559	1.0370	22.7583	3.0762	1.03579
14800	4.6664	0.9488	1.0398	22.8585	3.1341	1.03985
15000	4.6807	0.9417	1.0429	22.9633	3.1963	1.04425
15200	4.6954	0.9345	1.0462	23.0726	3.2628	1.04901
15400	4.7104	0.9274	1.0498	23.1866	3.3337	1.05414
15500	4.7181	0.9238	1.0517	23.2454	3.3708	1.05684
15600	4.7258	0.9202	1.0536	23.3053	3.4090	1.05964
15800	4.7414	0.9130	1.0577	23.4292	3.4890	1.06554
16000	4.7572	0.9057	1.0621	23.5583	3.5736	1.07185
16200	4.7733	0.8984	1.0667	23.6923	3.6628	1.07858
16400	4.7896	0.8911	1.0717	23.8318	3.7567	1.08574
16500	4.7979	0.8874	1.0743	23.9034	3.8054	1.08948
16600	4.8062	0.8837	1.0769	23.9763	3.8552	1.09332
16800	4.8228	0.8763	1.0825	24.1261	3.9583	1.10135
17000	4.8396	0.8688	1.0883	24.2814	4.0659	1.10982
17200	4.8565	0.8613	1.0945	24.4414	4.1779	1.11873
17400	4.8734	0.8536	1.1010	24.6070	4.2942	1.12809

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
17500	4.8819	0.8499	1.1043	24.6913	4.3539	1.13292
17600	4.8904	0.8461	1.1077	24.7768	4.4145	1.13787
17800	4.9074	0.8384	1.1148	24.9518	4.5388	1.14809
18000	4.9243	0.8306	1.1222	25.1313	4.6668	1.15874
18200	4.9412	0.8229	1.1299	25.3150	4.7982	1.16980
18400	4.9579	0.8151	1.1378	25.5024	4.9326	1.18123
18500	4.9662	0.8112	1.1419	25.5979	5.0010	1.18711
18600	4.9745	0.8073	1.1461	25.6939	5.0700	1.19306
18800	4.9910	0.7995	1.1546	25.8885	5.2098	1.20525
19000	5.0073	0.7915	1.1634	26.0865	5.3519	1.21778
19200	5.0233	0.7836	1.1724	26.2871	5.4957	1.23062
19400	5.0391	0.7757	1.1817	26.4899	5.6408	1.24376
19500	5.0470	0.7717	1.1865	26.5922	5.7138	1.25042
19600	5.0547	0.7677	1.1913	26.6948	5.7871	1.25715
19800	5.0700	0.7598	1.2010	26.9010	5.9338	1.27077
20000	5.0850	0.7518	1.2110	27.1084	6.0808	1.28461
20500	5.1211	0.7320	1.2366	27.6290	6.4466	1.31986
21000	5.1550	0.7123	1.2632	28.1468	6.8049	1.35568
21500	5.1868	0.6929	1.2903	28.6567	7.1507	1.39159
22000	5.2163	0.6737	1.3178	29.1533	7.4790	1.42714
22500	5.2435	0.6550	1.3452	29.6324	7.7865	1.46190
23000	5.2686	0.6368	1.3724	30.0902	8.0703	1.49553
23500	5.2917	0.6190	1.3992	30.5264	8.3299	1.52786
24000	5.3129	0.6019	1.4253	30.9384	8.5642	1.55864
24500	5.3324	0.5853	1.4506	31.3276	8.7747	1.58786
25000	5.3504	0.5692	1.4751	31.6946	8.9623	1.61547
25500	5.3670	0.5537	1.4987	32.0408	9.1295	1.64153
26000	5.3824	0.5388	1.5214	32.3685	9.2783	1.66612
26500	5.3969	0.5243	1.5432	32.6798	9.4117	1.68940
27000	5.4106	0.5104	1.5642	32.9773	9.5324	1.71153
27500	5.4236	0.4967	1.5845	33.2648	9.6436	1.73275
28000	5.4361	0.4836	1.6041	33.5435	9.7477	1.75318
28500	5.4482	0.4708	1.6233	33.8164	9.8473	1.77305
29000	5.4600	0.4582	1.6421	34.0868	9.9455	1.79262
29500	5.4717	0.4459	1.6606	34.3565	10.0443	1.81205
30000	5.4834	0.4338	1.6790	34.6277	10.1459	1.83155
30500	5.4951	0.4219	1.6975	34.9022	10.2521	1.85131
31000	5.5069	0.4101	1.7161	35.1829	10.3651	1.87155
31500	5.5189	0.3983	1.7351	35.4706	10.4859	1.89240
32000	5.5311	0.3867	1.7544	35.7664	10.6155	1.91398
32500	5.5435	0.3751	1.7742	36.0710	10.7547	1.93642
33000	5.5561	0.3635	1.7947	36.3858	10.9043	1.95983
33500	5.5690	0.3519	1.8158	36.7110	11.0642	1.98427
34000	5.5820	0.3403	1.8376	37.0459	11.2343	2.00976
34500	5.5953	0.3286	1.8602	37.3915	11.4143	2.03635
35000	5.6086	0.3170	1.8835	37.7456	11.6029	2.06393

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
600	3.1648	2.3870	1.1773	13.6810	2.4358	1.00000
700	3.2409	2.3248	1.1657	14.1230	2.4874	1.00000
800	3.3046	2.2701	1.1568	14.4982	2.5208	1.00000
900	3.3602	2.2216	1.1502	14.8230	2.5467	1.00000
1000	3.4089	2.1776	1.1439	15.0994	2.5640	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.4911	2.1031	1.1318	15.5865	2.5819	1.00000
1400	3.5590	2.0406	1.1200	15.9905	2.5874	1.00000
1500	3.5890	2.0128	1.1145	16.1695	2.5878	1.00000
1600	3.6170	1.9868	1.1094	16.3361	2.5875	1.00000
1800	3.6678	1.9393	1.1000	16.6385	2.5852	1.00000
2000	3.7130	1.8968	1.0919	16.9074	2.5819	1.00000
2200	3.7537	1.8582	1.0849	17.1496	2.5782	1.00000
2400	3.7909	1.8229	1.0787	17.3701	2.5745	1.00000
2500	3.8083	1.8063	1.0759	17.4733	2.5726	1.00000
2600	3.8251	1.7903	1.0733	17.5725	2.5709	1.00000
2800	3.8566	1.7601	1.0685	17.7593	2.5674	1.00000
3000	3.8861	1.7318	1.0642	17.9331	2.5642	1.00000
3200	3.9136	1.7054	1.0604	18.0955	2.5611	1.00000
3400	3.9394	1.6804	1.0569	18.2478	2.5583	1.00000
3500	3.9518	1.6685	1.0553	18.3206	2.5570	1.00000
3600	3.9638	1.6569	1.0538	18.3913	2.5556	1.00000
3800	3.9869	1.6346	1.0510	18.5270	2.5532	1.00000
4000	4.0088	1.6134	1.0485	18.6555	2.5509	1.00000
4200	4.0296	1.5931	1.0462	18.7780	2.5488	1.00000
4400	4.0495	1.5738	1.0440	18.8945	2.5469	1.00000
4500	4.0591	1.5645	1.0430	18.9507	2.5459	1.00000
4600	4.0684	1.5554	1.0421	19.0057	2.5450	1.00000
4800	4.0866	1.5376	1.0402	19.1124	2.5433	1.00000
5000	4.1041	1.5206	1.0386	19.2145	2.5417	1.00000
5200	4.1209	1.5042	1.0370	19.3127	2.5403	1.00000
5400	4.1370	1.4885	1.0356	19.4071	2.5388	1.00000
5500	4.1449	1.4807	1.0349	19.4532	2.5381	1.00000
5600	4.1526	1.4732	1.0342	19.4982	2.5375	1.00000
5800	4.1676	1.4585	1.0330	19.5859	2.5362	1.00000
6000	4.1821	1.4442	1.0318	19.6708	2.5350	1.00000
6200	4.1962	1.4304	1.0307	19.7529	2.5340	1.00000
6400	4.2098	1.4171	1.0297	19.8321	2.5330	1.00000
6500	4.2165	1.4106	1.0292	19.8709	2.5326	1.00000
6600	4.2230	1.4042	1.0287	19.9091	2.5321	1.00000
6800	4.2358	1.3915	1.0278	19.9840	2.5312	1.00001
7000	4.2483	1.3793	1.0270	20.0565	2.5304	1.00001
7200	4.2604	1.3675	1.0261	20.1270	2.5297	1.00002
7400	4.2722	1.3558	1.0254	20.1959	2.5292	1.00002
7500	4.2780	1.3502	1.0250	20.2295	2.5289	1.00003
7600	4.2837	1.3446	1.0247	20.2627	2.5287	1.00003
7800	4.2949	1.3336	1.0240	20.3280	2.5283	1.00005
8000	4.3059	1.3229	1.0233	20.3918	2.5280	1.00007
8200	4.3166	1.3124	1.0227	20.4542	2.5280	1.00010
8400	4.3271	1.3022	1.0222	20.5152	2.5282	1.00013
8500	4.3322	1.2971	1.0219	20.5454	2.5283	1.00015
8600	4.3374	1.2923	1.0216	20.5750	2.5285	1.00017
8800	4.3475	1.2825	1.0211	20.6338	2.5291	1.00023
9000	4.3574	1.2729	1.0207	20.6917	2.5300	1.00029
9200	4.3671	1.2635	1.0202	20.7484	2.5313	1.00038
9400	4.3768	1.2543	1.0199	20.8046	2.5330	1.00049
9500	4.3815	1.2498	1.0197	20.8324	2.5340	1.00055
9600	4.3863	1.2453	1.0195	20.8602	2.5351	1.00062
9800	4.3957	1.2365	1.0192	20.9151	2.5378	1.00078
10000	4.4050	1.2278	1.0189	20.9696	2.5410	1.00096
10200	4.4143	1.2194	1.0187	21.0238	2.5450	1.00120

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10400	4.4235	1.2110	1.0186	21.0780	2.5497	1.00146
10500	4.4281	1.2069	1.0185	21.1050	2.5523	1.00161
10600	4.4327	1.2028	1.0185	21.1321	2.5551	1.00177
10800	4.4419	1.1947	1.0184	21.1864	2.5616	1.00215
11000	4.4512	1.1867	1.0184	21.2410	2.5691	1.00258
11200	4.4605	1.1788	1.0185	21.2961	2.5777	1.00309
11400	4.4699	1.1711	1.0186	21.3516	2.5877	1.00367
11500	4.4745	1.1672	1.0187	21.3798	2.5931	1.00400
11600	4.4793	1.1634	1.0188	21.4081	2.5989	1.00434
11800	4.4888	1.1559	1.0191	21.4655	2.6118	1.00511
12000	4.4985	1.1484	1.0195	21.5238	2.6262	1.00598
12200	4.5084	1.1410	1.0200	21.5837	2.6425	1.00697
12400	4.5184	1.1337	1.0206	21.6451	2.6607	1.00810
12500	4.5235	1.1301	1.0210	21.6763	2.6706	1.00871
12600	4.5287	1.1265	1.0213	21.7080	2.6810	1.00936
12800	4.5391	1.1193	1.0221	21.7731	2.7036	1.01078
13000	4.5499	1.1121	1.0231	21.8400	2.7284	1.01236
13200	4.5608	1.1050	1.0242	21.9093	2.7560	1.01412
13400	4.5721	1.0980	1.0254	21.9812	2.7861	1.01608
13500	4.5779	1.0945	1.0261	22.0180	2.8023	1.01714
13600	4.5837	1.0910	1.0268	22.0558	2.8192	1.01825
13800	4.5955	1.0840	1.0283	22.1333	2.8553	1.02064
14000	4.6077	1.0770	1.0300	22.2141	2.8947	1.02327
14200	4.6203	1.0701	1.0319	22.2980	2.9374	1.02616
14400	4.6331	1.0631	1.0340	22.3856	2.9835	1.02931
14500	4.6397	1.0597	1.0351	22.4308	3.0080	1.03099
14600	4.6463	1.0562	1.0362	22.4769	3.0335	1.03275
14800	4.6598	1.0493	1.0387	22.5723	3.0871	1.03649
15000	4.6737	1.0423	1.0414	22.6717	3.1447	1.04054
15200	4.6879	1.0353	1.0443	22.7755	3.2063	1.04492
15400	4.7024	1.0283	1.0474	22.8837	3.2722	1.04965
15500	4.7097	1.0248	1.0491	22.9395	3.3067	1.05215
15600	4.7172	1.0214	1.0508	22.9962	3.3422	1.05474
15800	4.7323	1.0144	1.0544	23.1137	3.4167	1.06018
16000	4.7476	1.0073	1.0582	23.2359	3.4954	1.06602
16200	4.7632	1.0002	1.0623	23.3631	3.5786	1.07225
16400	4.7791	0.9931	1.0667	23.4952	3.6662	1.07888
16500	4.7871	0.9895	1.0690	23.5631	3.7116	1.08233
16600	4.7951	0.9860	1.0713	23.6319	3.7581	1.08590
16800	4.8113	0.9788	1.0762	23.7739	3.8545	1.09334
17000	4.8276	0.9716	1.0814	23.9209	3.9553	1.10120
17200	4.8441	0.9644	1.0868	24.0726	4.0602	1.10949
17400	4.8606	0.9570	1.0926	24.2296	4.1694	1.11819
17500	4.8689	0.9533	1.0955	24.3097	4.2255	1.12269
17600	4.8772	0.9496	1.0985	24.3909	4.2824	1.12730
17800	4.8938	0.9423	1.1048	24.5568	4.3993	1.13682
18000	4.9104	0.9348	1.1114	24.7270	4.5197	1.14675
18200	4.9269	0.9274	1.1182	24.9014	4.6436	1.15707
18400	4.9434	0.9199	1.1253	25.0797	4.7704	1.16776
18500	4.9516	0.9161	1.1289	25.1704	4.8350	1.17325
18600	4.9597	0.9124	1.1326	25.2618	4.9003	1.17883
18800	4.9759	0.9048	1.1402	25.4471	5.0325	1.19024
19000	4.9920	0.8973	1.1481	25.6356	5.1671	1.20198
19200	5.0079	0.8897	1.1562	25.8270	5.3035	1.21403
19400	5.0235	0.8821	1.1645	26.0205	5.4414	1.22637

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19500	5.0313	0.8783	1.1688	26.1180	5.5108	1.23263
19600	5.0389	0.8744	1.1731	26.2162	5.5806	1.23898
19800	5.0541	0.8668	1.1818	26.4135	5.7206	1.25180
20000	5.0690	0.8591	1.1908	26.6120	5.8608	1.26485
20500	5.1049	0.8400	1.2140	27.1116	6.2113	1.29818
21000	5.1389	0.8210	1.2381	27.6104	6.5564	1.33217
21500	5.1707	0.8022	1.2629	28.1034	6.8912	1.36640
22000	5.2004	0.7836	1.2882	28.5857	7.2113	1.40042
22500	5.2280	0.7653	1.3136	29.0525	7.5127	1.43384
23000	5.2534	0.7475	1.3390	29.5009	7.7931	1.46635
23500	5.2769	0.7301	1.3642	29.9297	8.0514	1.49776
24000	5.2986	0.7132	1.3889	30.3367	8.2865	1.52783
24500	5.3185	0.6967	1.4131	30.7226	8.4992	1.55652
25000	5.3370	0.6807	1.4366	31.0875	8.6903	1.58376
25500	5.3541	0.6653	1.4594	31.4325	8.8617	1.60958
26000	5.3699	0.6503	1.4815	31.7594	9.0150	1.63406
26500	5.3848	0.6358	1.5028	32.0706	9.1530	1.65732
27000	5.3988	0.6219	1.5234	32.3672	9.2778	1.67945
27500	5.4121	0.6081	1.5435	32.6535	9.3925	1.70071
28000	5.4248	0.5949	1.5629	32.9304	9.4991	1.72118
28500	5.4371	0.5821	1.5818	33.1999	9.6000	1.74103
29000	5.4491	0.5694	1.6004	33.4662	9.6982	1.76054
29500	5.4608	0.5570	1.6186	33.7300	9.7954	1.77983
30000	5.4725	0.5449	1.6368	33.9938	9.8938	1.79908
30500	5.4841	0.5330	1.6548	34.2593	9.9950	1.81848
31000	5.4957	0.5211	1.6729	34.5289	10.1011	1.83823
31500	5.5075	0.5095	1.6913	34.8035	10.2134	1.85843
32000	5.5194	0.4979	1.7099	35.0845	10.3326	1.87925
32500	5.5314	0.4864	1.7289	35.3733	10.4603	1.90081
33000	5.5437	0.4749	1.7483	35.6703	10.5966	1.92319
33500	5.5561	0.4634	1.7683	35.9762	10.7421	1.94649
34000	5.5688	0.4519	1.7890	36.2910	10.8966	1.97073
34500	5.5816	0.4404	1.8102	36.6152	11.0604	1.99597
35000	5.5946	0.4289	1.8322	36.9477	11.2326	2.02217

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
800	3.3067	2.3563	1.1940	14.2407	2.5327	1.00000
900	3.3624	2.3088	1.1846	14.5706	2.5596	1.00000
1000	3.4113	2.2655	1.1762	14.8467	2.5784	1.00000
1200	3.4942	2.1918	1.1617	15.3411	2.6005	1.00000
1400	3.5623	2.1301	1.1474	15.7496	2.6073	1.00000
1500	3.5924	2.1026	1.1408	15.9302	2.6080	1.00000
1600	3.6204	2.0770	1.1346	16.0981	2.6077	1.00000
1800	3.6711	2.0302	1.1233	16.4025	2.6050	1.00000
2000	3.7162	1.9883	1.1135	16.6727	2.6011	1.00000
2200	3.7568	1.9503	1.1049	16.9160	2.5967	1.00000
2400	3.7939	1.9154	1.0974	17.1373	2.5922	1.00000
2500	3.8112	1.8990	1.0940	17.2409	2.5899	1.00000
2600	3.8279	1.8833	1.0907	17.3403	2.5878	1.00000
2800	3.8594	1.8534	1.0849	17.5276	2.5835	1.00000
3000	3.8887	1.8256	1.0797	17.7019	2.5796	1.00000
3200	3.9161	1.7994	1.0750	17.8645	2.5759	1.00000
3400	3.9418	1.7748	1.0708	18.0170	2.5724	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	3.9541	1.7630	1.0688	18.0900	2.5708	1.00000
3600	3.9661	1.7515	1.0669	18.1609	2.5692	1.00000
3800	3.9891	1.7295	1.0635	18.2967	2.5662	1.00000
4000	4.0109	1.7085	1.0603	18.4254	2.5634	1.00000
4200	4.0316	1.6884	1.0575	18.5479	2.5608	1.00000
4400	4.0514	1.6694	1.0548	18.6644	2.5584	1.00000
4500	4.0610	1.6601	1.0536	18.7207	2.5572	1.00000
4600	4.0703	1.6511	1.0524	18.7757	2.5561	1.00000
4800	4.0885	1.6335	1.0502	18.8825	2.5540	1.00000
5000	4.1059	1.6166	1.0481	18.9846	2.5520	1.00000
5200	4.1226	1.6004	1.0462	19.0828	2.5502	1.00000
5400	4.1387	1.5848	1.0444	19.1773	2.5484	1.00000
5500	4.1465	1.5771	1.0436	19.2234	2.5476	1.00000
5600	4.1542	1.5696	1.0428	19.2684	2.5468	1.00000
5800	4.1692	1.5551	1.0412	19.3561	2.5452	1.00000
6000	4.1836	1.5409	1.0397	19.4411	2.5438	1.00000
6200	4.1977	1.5272	1.0384	19.5232	2.5425	1.00000
6400	4.2112	1.5140	1.0371	19.6025	2.5413	1.00000
6500	4.2179	1.5075	1.0365	19.6413	2.5406	1.00000
6600	4.2244	1.5011	1.0359	19.6795	2.5401	1.00000
6800	4.2372	1.4886	1.0348	19.7542	2.5389	1.00001
7000	4.2496	1.4765	1.0337	19.8268	2.5379	1.00001
7200	4.2617	1.4647	1.0327	19.8973	2.5370	1.00002
7400	4.2734	1.4532	1.0317	19.9661	2.5362	1.00002
7500	4.2792	1.4475	1.0313	19.9997	2.5359	1.00003
7600	4.2849	1.4420	1.0308	20.0330	2.5355	1.00003
7800	4.2961	1.4310	1.0300	20.0983	2.5349	1.00005
8000	4.3070	1.4204	1.0292	20.1619	2.5344	1.00007
8200	4.3177	1.4100	1.0284	20.2242	2.5342	1.00009
8400	4.3281	1.3998	1.0277	20.2853	2.5341	1.00012
8500	4.3333	1.3948	1.0274	20.3154	2.5342	1.00014
8600	4.3384	1.3900	1.0270	20.3449	2.5343	1.00016
8800	4.3484	1.3802	1.0264	20.4036	2.5347	1.00020
9000	4.3583	1.3707	1.0258	20.4614	2.5353	1.00027
9200	4.3680	1.3614	1.0252	20.5180	2.5363	1.00035
9400	4.3775	1.3523	1.0247	20.5738	2.5376	1.00045
9500	4.3823	1.3478	1.0245	20.6016	2.5385	1.00050
9600	4.3870	1.3433	1.0243	20.6292	2.5394	1.00057
9800	4.3963	1.3346	1.0238	20.6837	2.5416	1.00071
10000	4.4056	1.3259	1.0234	20.7379	2.5444	1.00088
10200	4.4148	1.3175	1.0231	20.7918	2.5479	1.00109
10400	4.4239	1.3092	1.0228	20.8454	2.5520	1.00133
10500	4.4285	1.3051	1.0227	20.8722	2.5544	1.00147
10600	4.4330	1.3010	1.0226	20.8989	2.5569	1.00162
10800	4.4421	1.2930	1.0224	20.9525	2.5627	1.00196
11000	4.4512	1.2850	1.0223	21.0064	2.5694	1.00235
11200	4.4604	1.2772	1.0222	21.0606	2.5772	1.00282
11400	4.4696	1.2696	1.0222	21.1152	2.5862	1.00334
11500	4.4742	1.2658	1.0223	21.1427	2.5911	1.00365
11600	4.4788	1.2619	1.0223	21.1706	2.5964	1.00396
11800	4.4882	1.2545	1.0225	21.2266	2.6081	1.00466
12000	4.4977	1.2471	1.0227	21.2836	2.6212	1.00546
12200	4.5073	1.2397	1.0231	21.3421	2.6360	1.00636
12400	4.5171	1.2325	1.0235	21.4018	2.6527	1.00740
12500	4.5221	1.2289	1.0237	21.4320	2.6617	1.00796

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12600	4.5271	1.2254	1.0240	21.4628	2.6712	1.00855
12800	4.5373	1.2182	1.0247	21.5258	2.6919	1.00985
13000	4.5477	1.2112	1.0254	21.5905	2.7148	1.01130
13200	4.5583	1.2041	1.0263	21.6575	2.7401	1.01292
13400	4.5692	1.1972	1.0273	21.7266	2.7678	1.01471
13500	4.5748	1.1938	1.0278	21.7621	2.7828	1.01568
13600	4.5805	1.1903	1.0284	21.7983	2.7984	1.01671
13800	4.5919	1.1834	1.0297	21.8727	2.8317	1.01891
14000	4.6037	1.1766	1.0311	21.9501	2.8681	1.02133
14200	4.6158	1.1697	1.0327	22.0306	2.9076	1.02398
14400	4.6282	1.1629	1.0345	22.1144	2.9503	1.02689
14500	4.6346	1.1595	1.0354	22.1576	2.9731	1.02844
14600	4.6410	1.1561	1.0364	22.2016	2.9966	1.03007
14800	4.6541	1.1493	1.0385	22.2925	3.0464	1.03352
15000	4.6674	1.1426	1.0408	22.3872	3.1000	1.03726
15200	4.6812	1.1357	1.0433	22.4861	3.1573	1.04131
15400	4.6952	1.1289	1.0461	22.5889	3.2185	1.04569
15500	4.7023	1.1255	1.0475	22.6422	3.2507	1.04800
15600	4.7095	1.1221	1.0490	22.6961	3.2839	1.05040
15800	4.7241	1.1153	1.0521	22.8079	3.3533	1.05545
16000	4.7390	1.1085	1.0554	22.9240	3.4268	1.06087
16200	4.7542	1.1015	1.0590	23.0451	3.5047	1.06665
16400	4.7695	1.0947	1.0628	23.1705	3.5867	1.07281
16500	4.7773	1.0912	1.0648	23.2350	3.6293	1.07603
16600	4.7851	1.0878	1.0669	23.3004	3.6728	1.07934
16800	4.8009	1.0808	1.0712	23.4355	3.7633	1.08628
17000	4.8168	1.0739	1.0757	23.5751	3.8578	1.09360
17200	4.8328	1.0669	1.0805	23.7194	3.9564	1.10132
17400	4.8490	1.0598	1.0855	23.8686	4.0591	1.10945
17500	4.8571	1.0562	1.0882	23.9448	4.1120	1.11366
17600	4.8652	1.0527	1.0908	24.0220	4.1656	1.11796
17800	4.8814	1.0456	1.0963	24.1798	4.2757	1.12686
18000	4.8977	1.0385	1.1021	24.3419	4.3894	1.13615
18200	4.9139	1.0313	1.1081	24.5079	4.5064	1.14582
18400	4.9301	1.0241	1.1144	24.6780	4.6264	1.15584
18500	4.9381	1.0205	1.1176	24.7642	4.6875	1.16099
18600	4.9461	1.0169	1.1209	24.8515	4.7493	1.16623
18800	4.9621	1.0096	1.1277	25.0285	4.8747	1.17695
19000	4.9779	1.0024	1.1346	25.2082	5.0023	1.18799
19200	4.9936	0.9951	1.1418	25.3911	5.1320	1.19933
19400	5.0091	0.9878	1.1492	25.5760	5.2632	1.21094
19500	5.0167	0.9842	1.1530	25.6691	5.3293	1.21685
19600	5.0243	0.9804	1.1569	25.7632	5.3957	1.22283
19800	5.0393	0.9731	1.1647	25.9523	5.5294	1.23494
20000	5.0541	0.9658	1.1727	26.1424	5.6634	1.24725
20500	5.0898	0.9474	1.1935	26.6221	5.9991	1.27880
21000	5.1237	0.9291	1.2153	27.1025	6.3310	1.31106
21500	5.1555	0.9109	1.2377	27.5787	6.6543	1.34363
22000	5.1853	0.8929	1.2608	28.0460	6.9650	1.37612
22500	5.2131	0.8752	1.2841	28.5000	7.2593	1.40815
23000	5.2388	0.8578	1.3076	28.9380	7.5348	1.43945
23500	5.2626	0.8408	1.3310	29.3579	7.7899	1.46978
24000	5.2846	0.8242	1.3541	29.7583	8.0239	1.49897
24500	5.3049	0.8079	1.3770	30.1391	8.2369	1.52693
25000	5.3238	0.7921	1.3993	30.5003	8.4297	1.55359

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
25500	5.3412	0.7768	1.4212	30.8424	8.6032	1.57896
26000	5.3575	0.7619	1.4424	31.1672	8.7595	1.60310
26500	5.3727	0.7475	1.4631	31.4766	8.9005	1.62611
27000	5.3870	0.7335	1.4831	31.7718	9.0283	1.64807
27500	5.4005	0.7198	1.5026	32.0558	9.1455	1.66917
28000	5.4135	0.7065	1.5216	32.3304	9.2542	1.68952
28500	5.4260	0.6936	1.5402	32.5972	9.3564	1.70926
29000	5.4380	0.6809	1.5584	32.8592	9.4547	1.72861
29500	5.4499	0.6685	1.5763	33.1175	9.5508	1.74769
30000	5.4615	0.6563	1.5940	33.3749	9.6468	1.76669
30500	5.4731	0.6444	1.6117	33.6326	9.7443	1.78575
31000	5.4846	0.6326	1.6293	33.8927	9.8451	1.80505
31500	5.4961	0.6210	1.6470	34.1562	9.9503	1.82470
32000	5.5078	0.6095	1.6650	34.4244	10.0612	1.84485
32500	5.5196	0.5980	1.6832	34.6992	10.1790	1.86564
33000	5.5315	0.5866	1.7018	34.9807	10.3042	1.88712
33500	5.5436	0.5752	1.7208	35.2694	10.4370	1.90940
34000	5.5559	0.5639	1.7403	35.5661	10.5780	1.93253
34500	5.5683	0.5526	1.7604	35.8707	10.7272	1.95655
35000	5.5809	0.5412	1.7811	36.1834	10.8844	1.98148

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
900	3.3653	2.3939	1.2255	14.3146	2.5768	1.00000
1000	3.4142	2.3515	1.2148	14.5887	2.5956	1.00000
1200	3.4980	2.2786	1.1975	15.0917	2.6229	1.00000
1400	3.5663	2.2178	1.1805	15.5056	2.6314	1.00000
1500	3.5964	2.1908	1.1725	15.6882	2.6323	1.00000
1600	3.6244	2.1655	1.1651	15.8577	2.6320	1.00000
1800	3.6751	2.1194	1.1515	16.1646	2.6290	1.00000
2000	3.7201	2.0782	1.1396	16.4367	2.6244	1.00000
2200	3.7606	2.0408	1.1293	16.6813	2.6191	1.00000
2400	3.7975	2.0065	1.1201	16.9036	2.6137	1.00000
2500	3.8147	1.9904	1.1160	17.0076	2.6110	1.00000
2600	3.8314	1.9749	1.1121	17.1073	2.6084	1.00000
2800	3.8627	1.9455	1.1049	17.2954	2.6033	1.00000
3000	3.8918	1.9180	1.0985	17.4701	2.5985	1.00000
3200	3.9191	1.8923	1.0928	17.6331	2.5940	1.00000
3400	3.9447	1.8680	1.0877	17.7860	2.5898	1.00000
3500	3.9570	1.8563	1.0853	17.8591	2.5877	1.00000
3600	3.9689	1.8450	1.0830	17.9301	2.5858	1.00000
3800	3.9918	1.8232	1.0788	18.0660	2.5821	1.00000
4000	4.0135	1.8025	1.0750	18.1949	2.5787	1.00000
4200	4.0341	1.7828	1.0714	18.3175	2.5756	1.00000
4400	4.0538	1.7639	1.0682	18.4342	2.5726	1.00000
4500	4.0633	1.7548	1.0667	18.4906	2.5712	1.00000
4600	4.0727	1.7458	1.0652	18.5457	2.5698	1.00000
4800	4.0907	1.7284	1.0625	18.6525	2.5672	1.00000
5000	4.1080	1.7118	1.0599	18.7547	2.5647	1.00000
5200	4.1247	1.6957	1.0575	18.8531	2.5625	1.00000
5400	4.1407	1.6802	1.0553	18.9476	2.5604	1.00000
5500	4.1485	1.6726	1.0543	18.9936	2.5593	1.00000
5600	4.1561	1.6652	1.0533	19.0387	2.5583	1.00000
5800	4.1711	1.6508	1.0514	19.1264	2.5564	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6000	4.1855	1.6369	1.0496	19.2113	2.5546	1.00000
6200	4.1994	1.6233	1.0479	19.2935	2.5530	1.00000
6400	4.2130	1.6101	1.0463	19.3728	2.5515	1.00000
6500	4.2196	1.6037	1.0456	19.4116	2.5507	1.00000
6600	4.2261	1.5974	1.0448	19.4499	2.5500	1.00000
6800	4.2388	1.5850	1.0434	19.5246	2.5486	1.00001
7000	4.2512	1.5730	1.0421	19.5971	2.5473	1.00001
7200	4.2632	1.5613	1.0408	19.6677	2.5461	1.00001
7400	4.2749	1.5499	1.0397	19.7363	2.5451	1.00002
7500	4.2807	1.5443	1.0391	19.7700	2.5446	1.00002
7600	4.2863	1.5387	1.0385	19.8034	2.5441	1.00003
7800	4.2975	1.5279	1.0375	19.8686	2.5432	1.00004
8000	4.3084	1.5174	1.0365	19.9322	2.5425	1.00006
8200	4.3190	1.5070	1.0355	19.9945	2.5420	1.00008
8400	4.3294	1.4969	1.0346	20.0555	2.5417	1.00011
8500	4.3345	1.4920	1.0342	20.0854	2.5416	1.00012
8600	4.3396	1.4871	1.0337	20.1150	2.5416	1.00014
8800	4.3496	1.4775	1.0330	20.1736	2.5417	1.00019
9000	4.3594	1.4679	1.0322	20.2313	2.5421	1.00024
9200	4.3691	1.4587	1.0315	20.2878	2.5428	1.00032
9400	4.3786	1.4497	1.0308	20.3433	2.5437	1.00041
9500	4.3833	1.4453	1.0305	20.3709	2.5444	1.00046
9600	4.3880	1.4408	1.0302	20.3984	2.5452	1.00052
9800	4.3973	1.4321	1.0296	20.4527	2.5470	1.00065
10000	4.4064	1.4236	1.0291	20.5065	2.5494	1.00080
10200	4.4155	1.4151	1.0286	20.5602	2.5524	1.00100
10400	4.4246	1.4069	1.0282	20.6132	2.5560	1.00121
10500	4.4291	1.4028	1.0280	20.6398	2.5581	1.00134
10600	4.4336	1.3988	1.0278	20.6663	2.5603	1.00148
10800	4.4426	1.3908	1.0275	20.7193	2.5654	1.00179
11000	4.4516	1.3829	1.0272	20.7725	2.5714	1.00215
11200	4.4606	1.3752	1.0270	20.8260	2.5784	1.00257
11400	4.4696	1.3676	1.0269	20.8797	2.5865	1.00306
11500	4.4742	1.3638	1.0268	20.9067	2.5910	1.00333
11600	4.4787	1.3600	1.0268	20.9341	2.5958	1.00363
11800	4.4879	1.3527	1.0268	20.9890	2.6064	1.00426
12000	4.4972	1.3453	1.0269	21.0449	2.6184	1.00500
12200	4.5066	1.3380	1.0271	21.1019	2.6319	1.00583
12400	4.5162	1.3308	1.0273	21.1601	2.6471	1.00678
12500	4.5210	1.3273	1.0275	21.1896	2.6554	1.00729
12600	4.5259	1.3238	1.0277	21.2195	2.6641	1.00784
12800	4.5359	1.3167	1.0281	21.2807	2.6831	1.00903
13000	4.5460	1.3098	1.0287	21.3434	2.7042	1.01037
13200	4.5563	1.3029	1.0293	21.4082	2.7275	1.01186
13400	4.5669	1.2960	1.0301	21.4750	2.7531	1.01351
13500	4.5723	1.2926	1.0305	21.5093	2.7669	1.01441
13600	4.5778	1.2892	1.0310	21.5442	2.7813	1.01536
13800	4.5889	1.2824	1.0320	21.6159	2.8122	1.01738
14000	4.6003	1.2757	1.0332	21.6902	2.8459	1.01962
14200	4.6121	1.2689	1.0345	21.7676	2.8826	1.02208
14400	4.6241	1.2623	1.0360	21.8480	2.9223	1.02477
14500	4.6302	1.2589	1.0368	21.8894	2.9434	1.02621
14600	4.6364	1.2556	1.0376	21.9316	2.9653	1.02771
14800	4.6491	1.2490	1.0394	22.0185	3.0117	1.03091
15000	4.6620	1.2424	1.0413	22.1091	3.0616	1.03438

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15200	4.6753	1.2356	1.0435	22.2038	3.1152	1.03815
15400	4.6889	1.2291	1.0458	22.3019	3.1724	1.04222
15500	4.6958	1.2257	1.0470	22.3528	3.2025	1.04437
15600	4.7028	1.2224	1.0483	22.4044	3.2335	1.04660
15800	4.7170	1.2157	1.0510	22.5111	3.2985	1.05130
16000	4.7314	1.2091	1.0538	22.6218	3.3674	1.05635
16200	4.7461	1.2024	1.0569	22.7373	3.4404	1.06175
16400	4.7611	1.1958	1.0602	22.8568	3.5174	1.06750
16500	4.7686	1.1924	1.0620	22.9184	3.5575	1.07050
16600	4.7762	1.1891	1.0637	22.9809	3.5986	1.07361
16800	4.7916	1.1823	1.0675	23.1098	3.6836	1.08009
17000	4.8071	1.1756	1.0714	23.2430	3.7727	1.08695
17200	4.8228	1.1688	1.0756	23.3807	3.8657	1.09418
17400	4.8385	1.1620	1.0799	23.5228	3.9626	1.10180
17500	4.8464	1.1586	1.0822	23.5955	4.0125	1.10575
17600	4.8544	1.1553	1.0845	23.6690	4.0631	1.10978
17800	4.8703	1.1484	1.0894	23.8197	4.1673	1.11814
18000	4.8862	1.1415	1.0944	23.9746	4.2749	1.12688
18200	4.9021	1.1347	1.0997	24.1330	4.3857	1.13596
18400	4.9180	1.1277	1.1052	24.2956	4.4995	1.14541
18500	4.9259	1.1243	1.1080	24.3779	4.5574	1.15026
18600	4.9338	1.1208	1.1109	24.4614	4.6161	1.15519
18800	4.9495	1.1138	1.1168	24.6306	4.7353	1.16530
19000	4.9651	1.1069	1.1229	24.8026	4.8566	1.17571
19200	4.9805	1.0999	1.1293	24.9777	4.9801	1.18642
19400	4.9958	1.0929	1.1358	25.1547	5.1051	1.19739
19500	5.0034	1.0894	1.1392	25.2442	5.1682	1.20298
19600	5.0109	1.0858	1.1426	25.3343	5.2315	1.20863
19800	5.0258	1.0788	1.1495	25.5156	5.3592	1.22009
20000	5.0404	1.0718	1.1566	25.6981	5.4872	1.23175
20500	5.0753	1.0542	1.1751	26.1592	5.8089	1.26167
21000	5.1095	1.0366	1.1945	26.6221	6.1279	1.29233
21500	5.1413	1.0191	1.2147	27.0818	6.4398	1.32335
22000	5.1711	1.0017	1.2355	27.5342	6.7407	1.35435
22500	5.1990	0.9846	1.2567	27.9751	7.0271	1.38501
23000	5.2248	0.9677	1.2782	28.4019	7.2964	1.41505
23500	5.2489	0.9511	1.2998	28.8124	7.5472	1.44424
24000	5.2711	0.9348	1.3213	29.2049	7.7783	1.47242
24500	5.2917	0.9188	1.3426	29.5791	7.9899	1.49950
25000	5.3108	0.9033	1.3637	29.9350	8.1823	1.52541
25500	5.3286	0.8882	1.3843	30.2729	8.3566	1.55015
26000	5.3451	0.8735	1.4045	30.5943	8.5143	1.57376
26500	5.3606	0.8592	1.4243	30.9006	8.6570	1.59632
27000	5.3752	0.8452	1.4435	31.1932	8.7867	1.61792
27500	5.3890	0.8316	1.4624	31.4744	8.9056	1.63870
28000	5.4022	0.8183	1.4808	31.7459	9.0155	1.65877
28500	5.4148	0.8054	1.4988	32.0096	9.1187	1.67828
29000	5.4270	0.7927	1.5165	32.2673	9.2170	1.69734
29500	5.4389	0.7804	1.5340	32.5204	9.3120	1.71611
30000	5.4505	0.7682	1.5512	32.7721	9.4061	1.73479
30500	5.4620	0.7563	1.5683	33.0224	9.5003	1.75345
31000	5.4735	0.7445	1.5854	33.2741	9.5966	1.77230
31500	5.4849	0.7328	1.6026	33.5282	9.6963	1.79144
32000	5.4964	0.7214	1.6199	33.7854	9.8002	1.81097
32500	5.5079	0.7100	1.6373	34.0473	9.9094	1.83101

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
33000	5.5196	0.6987	1.6551	34.3150	10.0249	1.85170
33500	5.5314	0.6874	1.6732	34.5890	10.1471	1.87309
34000	5.5433	0.6762	1.6917	34.8695	10.2764	1.89523
34500	5.5554	0.6650	1.7107	35.1568	10.4128	1.91818
35000	5.5676	0.6538	1.7302	35.4513	10.5564	1.94197

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.5023	2.3634	1.2401	14.8378	2.6493	1.00000
1400	3.5710	2.3036	1.2199	15.2580	2.6601	1.00000
1500	3.6012	2.2770	1.2105	15.4429	2.6614	1.00000
1600	3.6292	2.2522	1.2016	15.6144	2.6611	1.00000
1800	3.6798	2.2069	1.1853	15.9244	2.6578	1.00000
2000	3.7247	2.1664	1.1711	16.1988	2.6524	1.00000
2200	3.7650	2.1296	1.1586	16.4451	2.6462	1.00000
2400	3.8018	2.0960	1.1476	16.6687	2.6397	1.00000
2500	3.8190	2.0802	1.1426	16.7731	2.6365	1.00000
2600	3.8355	2.0649	1.1379	16.8734	2.6334	1.00000
2800	3.8667	2.0360	1.1293	17.0622	2.6273	1.00000
3000	3.8957	2.0090	1.1215	17.2375	2.6215	1.00000
3200	3.9228	1.9837	1.1146	17.4010	2.6160	1.00000
3400	3.9483	1.9598	1.1083	17.5544	2.6109	1.00000
3500	3.9605	1.9484	1.1054	17.6276	2.6085	1.00000
3600	3.9723	1.9372	1.1027	17.6987	2.6061	1.00000
3800	.3.9950	1.9158	1.0975	17.8351	2.6017	1.00000
4000	4.0166	1.8953	1.0928	17.9643	2.5975	1.00000
4200	4.0372	1.8759	1.0885	18.0869	2.5937	1.00000
4400	4.0568	1.8573	1.0845	18.2039	2.5900	1.00000
4500	4.0662	1.8483	1.0827	18.2603	2.5883	1.00000
4600	4.0755	1.8394	1.0809	18.3155	2.5866	1.00000
4800	4.0934	1.8223	1.0775	18.4224	2.5834	1.00000
5000	4.1107	1.8059	1.0744	18.5247	2.5804	1.00000
5200	4.1272	1.7900	1.0715	18.6232	2.5776	1.00000
5400	4.1432	1.7747	1.0688	18.7178	2.5750	1.00000
5500	4.1509	1.7672	1.0675	18.7637	2.5738	1.00000
5600	4.1585	1.7599	1.0663	18.8089	2.5725	1.00000
5800	4.1734	1.7457	1.0639	18.8968	2.5702	1.00000
6000	4.1877	1.7319	1.0617	18.9816	2.5680	1.00000
6200	4.2016	1.7184	1.0596	19.0639	2.5660	1.00000
6400	4.2151	1.7054	1.0577	19.1433	2.5640	1.00000
6500	4.2217	1.6991	1.0567	19.1820	2.5631	1.00000
6600	4.2282	1.6929	1.0558	19.2203	2.5622	1.00000
6800	4.2408	1.6806	1.0541	19.2950	2.5605	1.00001
7000	4.2531	1.6687	1.0525	19.3676	2.5588	1.00001
7200	4.2651	1.6571	1.0509	19.4382	2.5574	1.00001
7400	4.2768	1.6458	1.0495	19.5068	2.5560	1.00002
7500	4.2825	1.6403	1.0487	19.5404	2.5554	1.00002
7600	4.2882	1.6348	1.0481	19.5738	2.5547	1.00003
7800	4.2992	1.6241	1.0468	19.6391	2.5536	1.00004
8000	4.3101	1.6136	1.0455	19.7026	2.5526	1.00006
8200	4.3207	1.6034	1.0443	19.7649	2.5518	1.00007
8400	4.3310	1.5934	1.0432	19.8257	2.5512	1.00010
8500	4.3361	1.5885	1.0427	19.8556	2.5510	1.00011
8600	4.3412	1.5836	1.0421	19.8854	2.5508	1.00013

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8800	4.3511	1.5740	1.0411	19.9437	2.5506	1.00017
9000	4.3609	1.5646	1.0401	20.0013	2.5507	1.00022
9200	4.3705	1.5555	1.0392	20.0577	2.5510	1.00029
9400	4.3800	1.5465	1.0384	20.1132	2.5517	1.00037
9500	4.3846	1.5421	1.0380	20.1405	2.5522	1.00042
9600	4.3893	1.5377	1.0376	20.1680	2.5527	1.00047
9800	4.3985	1.5291	1.0368	20.2220	2.5542	1.00059
10000	4.4076	1.5206	1.0361	20.2757	2.5562	1.00074
10200	4.4166	1.5122	1.0355	20.3289	2.5587	1.00091
10400	4.4256	1.5041	1.0349	20.3816	2.5618	1.00111
10500	4.4300	1.5000	1.0346	20.4080	2.5636	1.00123
10600	4.4345	1.4960	1.0343	20.4342	2.5656	1.00136
10800	4.4434	1.4881	1.0338	20.4867	2.5701	1.00165
11000	4.4522	1.4803	1.0334	20.5393	2.5754	1.00197
11200	4.4611	1.4726	1.0331	20.5920	2.5817	1.00236
11400	4.4700	1.4651	1.0328	20.6450	2.5889	1.00281
11500	4.4745	1.4614	1.0326	20.6716	2.5930	1.00306
11600	4.4790	1.4576	1.0325	20.6986	2.5973	1.00333
11800	4.4880	1.4503	1.0324	20.7525	2.6069	1.00392
12000	4.4971	1.4430	1.0323	20.8074	2.6178	1.00460
12200	4.5064	1.4358	1.0323	20.8632	2.6302	1.00536
12400	4.5157	1.4287	1.0323	20.9200	2.6442	1.00624
12500	4.5205	1.4252	1.0324	20.9489	2.6518	1.00671
12600	4.5252	1.4217	1.0325	20.9781	2.6598	1.00722
12800	4.5349	1.4148	1.0327	21.0376	2.6773	1.00832
13000	4.5449	1.4079	1.0331	21.0986	2.6967	1.00956
13200	4.5549	1.4011	1.0335	21.1615	2.7182	1.01093
13400	4.5652	1.3943	1.0341	21.2263	2.7420	1.01246
13500	4.5704	1.3910	1.0344	21.2594	2.7547	1.01330
13600	4.5757	1.3876	1.0347	21.2932	2.7681	1.01418
13800	4.5865	1.3809	1.0355	21.3624	2.7968	1.01605
14000	4.5976	1.3743	1.0364	21.4342	2.8281	1.01813
14200	4.6090	1.3677	1.0375	21.5087	2.8622	1.02041
14400	4.6207	1.3612	1.0386	21.5861	2.8993	1.02292
14500	4.6266	1.3579	1.0393	21.6259	2.9189	1.02426
14600	4.6325	1.3546	1.0399	21.6665	2.9394	1.02565
14800	4.6449	1.3482	1.0414	21.7501	2.9828	1.02863
15000	4.6575	1.3417	1.0430	21.8371	3.0295	1.03188
15200	4.6703	1.3351	1.0448	21.9278	3.0796	1.03539
15400	4.6835	1.3286	1.0467	22.0221	3.1333	1.03919
15500	4.6902	1.3254	1.0477	22.0708	3.1616	1.04121
15600	4.6970	1.3222	1.0488	22.1202	3.1907	1.04329
15800	4.7108	1.3157	1.0510	22.2225	3.2518	1.04770
16000	4.7248	1.3093	1.0535	22.3284	3.3167	1.05242
16200	4.7391	1.3028	1.0561	22.4389	3.3854	1.05748
16400	4.7537	1.2963	1.0589	22.5533	3.4580	1.06288
16500	4.7610	1.2931	1.0604	22.6124	3.4958	1.06571
16600	4.7684	1.2898	1.0619	22.6722	3.5346	1.06863
16800	4.7834	1.2833	1.0651	22.7956	3.6149	1.07473
17000	4.7985	1.2768	1.0684	22.9231	3.6991	1.08119
17200	4.8138	1.2702	1.0720	23.0550	3.7872	1.08800
17400	4.8293	1.2637	1.0758	23.1909	3.8790	1.09518
17500	4.8370	1.2604	1.0777	23.2606	3.9262	1.09891
17600	4.8448	1.2572	1.0797	23.3309	3.9742	1.10271
17800	4.8603	1.2506	1.0839	23.4753	4.0731	1.11061

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
18000	4.8760	1.2440	1.0883	23.6237	4.1753	1.11887
18200	4.8916	1.2374	1.0928	23.7755	4.2805	1.12746
18400	4.9072	1.2307	1.0976	23.9314	4.3889	1.13641
18500	4.9149	1.2275	1.1000	24.0103	4.4439	1.14100
18600	4.9227	1.2241	1.1025	24.0904	4.4998	1.14568
18800	4.9382	1.2175	1.1076	24.2525	4.6133	1.15526
19000	4.9535	1.2108	1.1130	24.4177	4.7291	1.16513
19200	4.9688	1.2040	1.1185	24.5858	4.8469	1.17529
19400	4.9838	1.1974	1.1242	24.7558	4.9662	1.18572
19500	4.9913	1.1939	1.1271	24.8420	5.0267	1.19103
19600	4.9987	1.1906	1.1301	24.9284	5.0872	1.19639
19800	5.0134	1.1839	1.1361	25.1026	5.2092	1.20729
20000	5.0279	1.1772	1.1424	25.2781	5.3318	1.21837
20500	5.0631	1.1603	1.1586	25.7218	5.6403	1.24684
21000	5.0965	1.1435	1.1758	26.1682	5.9469	1.27604
21500	5.1282	1.1266	1.1938	26.6124	6.2477	1.30563
22000	5.1579	1.1099	1.2124	27.0503	6.5386	1.33523
22500	5.1857	1.0934	1.2315	27.4780	6.8163	1.36456
23000	5.2117	1.0770	1.2509	27.8930	7.0785	1.39334
23500	5.2358	1.0609	1.2706	28.2931	7.3238	1.42136
24000	5.2582	1.0451	1.2903	28.6768	7.5508	1.44847
24500	5.2790	1.0295	1.3100	29.0433	7.7595	1.47457
25000	5.2983	1.0143	1.3296	29.3927	7.9501	1.49961
25500	5.3163	0.9994	1.3489	29.7254	8.1237	1.52359
26000	5.3331	0.9850	1.3680	30.0422	8.2813	1.54651
26500	5.3488	0.9708	1.3867	30.3446	8.4246	1.56847
27000	5.3636	0.9570	1.4050	30.6335	8.5550	1.58954
27500	5.3776	0.9434	1.4231	30.9116	8.6747	1.60985
28000	5.3909	0.9302	1.4407	31.1793	8.7851	1.62948
28500	5.4037	0.9174	1.4581	31.4389	8.8884	1.64856
29000	5.4160	0.9048	1.4752	31.6923	8.9863	1.66723
29500	5.4279	0.8924	1.4920	31.9408	9.0805	1.68563
30000	5.4396	0.8803	1.5087	32.1865	9.1727	1.70389
30500	5.4511	0.8684	1.5252	32.4303	9.2643	1.72211
31000	5.4625	0.8567	1.5417	32.6743	9.3569	1.74048
31500	5.4738	0.8450	1.5582	32.9198	9.4517	1.75908
32000	5.4851	0.8336	1.5747	33.1674	9.5498	1.77803
32500	5.4965	0.8224	1.5914	33.4179	9.6518	1.79739
33000	5.5079	0.8111	1.6084	33.6733	9.7591	1.81734
33500	5.5195	0.7999	1.6256	33.9343	9.8722	1.83792
34000	5.5311	0.7888	1.6432	34.2001	9.9909	1.85915
34500	5.5428	0.7777	1.6611	34.4722	10.1162	1.88113
35000	5.5547	0.7667	1.6795	34.7502	10.2479	1.90387

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.5765	2.3872	1.2666	15.0061	2.6941	1.00000
1500	3.6068	2.3611	1.2554	15.1937	2.6959	1.00000
1600	3.6348	2.3368	1.2449	15.3675	2.6958	1.00000
1800	3.6854	2.2924	1.2257	15.6811	2.6921	1.00000
2000	3.7301	2.2527	1.2088	15.9584	2.6859	1.00000
2200	3.7703	2.2166	1.1938	16.2068	2.6786	1.00000
2400	3.8069	2.1836	1.1806	16.4320	2.6710	1.00000
2500	3.8240	2.1682	1.1747	16.5370	2.6673	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2600	3.8404	2.1532	1.1690	16.6380	2.6635	1.00000
2800	3.8714	2.1249	1.1586	16.8278	2.6562	1.00000
3000	3.9002	2.0984	1.1493	17.0040	2.6492	1.00000
3200	3.9272	2.0735	1.1409	17.1682	2.6427	1.00000
3400	3.9525	2.0501	1.1334	17.3221	2.6366	1.00000
3500	3.9646	2.0389	1.1299	17.3954	2.6336	1.00000
3600	3.9764	2.0279	1.1265	17.4667	2.6308	1.00000
3800	3.9990	2.0069	1.1203	17.6035	2.6254	1.00000
4000	4.0204	1.9868	1.1146	17.7331	2.6204	1.00000
4200	4.0408	1.9677	1.1094	17.8559	2.6157	1.00000
4400	4.0603	1.9494	1.1045	17.9732	2.6113	1.00000
4500	4.0697	1.9405	1.1023	18.0297	2.6092	1.00000
4600	4.0789	1.9318	1.1001	18.0851	2.6071	1.00000
4800	4.0968	1.9150	1.0960	18.1921	2.6033	1.00000
5000	4.1139	1.8987	1.0921	18.2946	2.5997	1.00000
5200	4.1303	1.8831	1.0886	18.3932	2.5962	1.00000
5400	4.1462	1.8680	1.0853	18.4879	2.5930	1.00000
5500	4.1539	1.8607	1.0837	18.5338	2.5915	1.00000
5600	4.1615	1.8534	1.0822	18.5791	2.5900	1.00000
5800	4.1762	1.8394	1.0793	18.6670	2.5871	1.00000
6000	4.1905	1.8258	1.0766	18.7519	2.5845	1.00000
6200	4.2043	1.8125	1.0741	18.8342	2.5819	1.00000
6400	4.2177	1.7997	1.0717	18.9138	2.5795	1.00000
6500	4.2243	1.7935	1.0705	18.9524	2.5784	1.00000
6600	4.2307	1.7873	1.0694	18.9907	2.5773	1.00000
6800	4.2433	1.7752	1.0673	19.0655	2.5752	1.00001
7000	4.2555	1.7634	1.0653	19.1381	2.5731	1.00001
7200	4.2675	1.7520	1.0634	19.2087	2.5713	1.00001
7400	4.2791	1.7409	1.0615	19.2773	2.5695	1.00002
7500	4.2848	1.7354	1.0607	19.3111	2.5687	1.00002
7600	4.2904	1.7299	1.0598	19.3443	2.5679	1.00003
7800	4.3014	1.7193	1.0582	19.4096	2.5664	1.00003
8000	4.3122	1.7090	1.0566	19.4731	2.5651	1.00005
8200	4.3227	1.6988	1.0552	19.5355	2.5640	1.00006
8400	4.3330	1.6890	1.0538	19.5962	2.5631	1.00009
8500	4.3381	1.6841	1.0531	19.6261	2.5627	1.00010
8600	4.3431	1.6793	1.0524	19.6558	2.5623	1.00012
8800	4.3530	1.6698	1.0512	19.7141	2.5618	1.00016
9000	4.3627	1.6605	1.0500	19.7716	2.5615	1.00021
9200	4.3723	1.6515	1.0489	19.8278	2.5615	1.00027
9400	4.3817	1.6426	1.0478	19.8832	2.5618	1.00035
9500	4.3863	1.6382	1.0473	19.9104	2.5621	1.00039
9600	4.3909	1.6339	1.0468	19.9377	2.5625	1.00044
9800	4.4001	1.6253	1.0458	19.9917	2.5636	1.00055
10000	4.4091	1.6169	1.0449	20.0451	2.5651	1.00068
10200	4.4180	1.6086	1.0441	20.0979	2.5671	1.00084
10400	4.4269	1.6006	1.0433	20.1503	2.5697	1.00103
10500	4.4313	1.5965	1.0429	20.1766	2.5713	1.00113
10600	4.4357	1.5926	1.0425	20.2026	2.5730	1.00126
10800	4.4445	1.5848	1.0419	20.2546	2.5769	1.00152
11000	4.4533	1.5771	1.0412	20.3066	2.5816	1.00182
11200	4.4620	1.5695	1.0407	20.3588	2.5872	1.00218
11400	4.4708	1.5620	1.0402	20.4111	2.5937	1.00260
11500	4.4752	1.5583	1.0399	20.4375	2.5974	1.00283
11600	4.4796	1.5546	1.0397	20.4640	2.6013	1.00307

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11800	4.4885	1.5473	1.0394	20.5172	2.6099	1.00362
12000	4.4975	1.5401	1.0391	20.5710	2.6199	1.00425
12200	4.5065	1.5330	1.0389	20.6259	2.6313	1.00496
12400	4.5157	1.5260	1.0387	20.6815	2.6440	1.00577
12500	4.5203	1.5226	1.0387	20.7096	2.6510	1.00620
12600	4.5250	1.5191	1.0387	20.7383	2.6584	1.00668
12800	4.5345	1.5123	1.0387	20.7963	2.6745	1.00770
13000	4.5441	1.5055	1.0389	20.8558	2.6924	1.00885
13200	4.5539	1.4987	1.0391	20.9171	2.7123	1.01013
13400	4.5640	1.4921	1.0394	20.9801	2.7344	1.01156
13500	4.5691	1.4888	1.0396	21.0122	2.7462	1.01234
13600	4.5742	1.4855	1.0398	21.0451	2.7587	1.01315
13800	4.5848	1.4789	1.0403	21.1122	2.7854	1.01490
14000	4.5955	1.4724	1.0410	21.1817	2.8146	1.01685
14200	4.6066	1.4659	1.0417	21.2537	2.8465	1.01898
14400	4.6179	1.4595	1.0426	21.3284	2.8812	1.02132
14500	4.6237	1.4563	1.0431	21.3668	2.8996	1.02258
14600	4.6296	1.4531	1.0436	21.4060	2.9188	1.02389
14800	4.6415	1.4468	1.0447	21.4866	2.9595	1.02668
15000	4.6537	1.4404	1.0460	21.5705	3.0034	1.02972
15200	4.6662	1.4341	1.0474	21.6578	3.0506	1.03302
15400	4.6790	1.4277	1.0490	21.7488	3.1011	1.03660
15500	4.6856	1.4245	1.0498	21.7955	3.1278	1.03850
15600	4.6922	1.4214	1.0507	21.8432	3.1553	1.04046
15800	4.7056	1.4151	1.0525	21.9415	3.2129	1.04462
16000	4.7192	1.4088	1.0545	22.0434	3.2743	1.04907
16200	4.7332	1.4026	1.0567	22.1494	3.3393	1.05385
16400	4.7473	1.3963	1.0590	22.2596	3.4080	1.05896
16500	4.7545	1.3931	1.0602	22.3163	3.4439	1.06163
16600	4.7618	1.3900	1.0615	22.3739	3.4806	1.06439
16800	4.7764	1.3837	1.0641	22.4924	3.5568	1.07017
17000	4.7912	1.3774	1.0670	22.6148	3.6367	1.07629
17200	4.8061	1.3711	1.0699	22.7417	3.7205	1.08276
17400	4.8212	1.3648	1.0731	22.8724	3.8078	1.08958
17500	4.8288	1.3616	1.0748	22.9394	3.8527	1.09311
17600	4.8364	1.3585	1.0764	23.0069	3.8984	1.09673
17800	4.8517	1.3522	1.0800	23.1459	3.9927	1.10425
18000	4.8670	1.3459	1.0836	23.2883	4.0901	1.11211
18200	4.8823	1.3395	1.0875	23.4344	4.1905	1.12029
18400	4.8977	1.3331	1.0915	23.5843	4.2939	1.12881
18500	4.9053	1.3299	1.0936	23.6604	4.3465	1.13319
18600	4.9130	1.3268	1.0957	23.7373	4.3998	1.13765
18800	4.9282	1.3204	1.1001	23.8933	4.5083	1.14678
19000	4.9433	1.3140	1.1047	24.0524	4.6191	1.15621
19200	4.9583	1.3076	1.1094	24.2140	4.7317	1.16590
19400	4.9732	1.3012	1.1143	24.3780	4.8461	1.17586
19500	4.9806	1.2980	1.1168	24.4608	4.9039	1.18094
19600	4.9879	1.2948	1.1193	24.5441	4.9619	1.18606
19800	5.0024	1.2883	1.1245	24.7120	5.0788	1.19648
20000	5.0167	1.2819	1.1299	24.8813	5.1965	1.20708
20500	5.0515	1.2659	1.1440	25.3091	5.4926	1.23430
21000	5.0847	1.2498	1.1589	25.7400	5.7876	1.26225
21500	5.1162	1.2336	1.1747	26.1695	6.0774	1.29058
22000	5.1458	1.2176	1.1911	26.5934	6.3582	1.31894
22500	5.1735	1.2017	1.2080	27.0081	6.6270	1.34703

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
23000	5.1994	1.1860	1.2255	27.4111	6.8817	1.37460
23500	5.2236	1.1704	1.2432	27.8003	7.1203	1.40145
24000	5.2460	1.1550	1.2612	28.1744	7.3421	1.42745
24500	5.2669	1.1398	1.2792	28.5327	7.5468	1.45251
25000	5.2864	1.1250	1.2972	28.8746	7.7345	1.47658
25500	5.3045	1.1105	1.3152	29.2009	7.9060	1.49966
26000	5.3214	1.0962	1.3329	29.5125	8.0624	1.52180
26500	5.3373	1.0822	1.3505	29.8099	8.2049	1.54303
27000	5.3523	1.0686	1.3678	30.0944	8.3350	1.56343
27500	5.3664	1.0552	1.3849	30.3682	8.4546	1.58312
28000	5.3799	1.0422	1.4016	30.6317	8.5648	1.60219
28500	5.3927	1.0295	1.4181	30.8869	8.6676	1.62074
29000	5.4051	1.0169	1.4345	31.1357	8.7648	1.63891
29500	5.4172	1.0046	1.4506	31.3797	8.8579	1.65684
30000	5.4289	0.9926	1.4665	31.6195	8.9483	1.67459
30500	5.4403	0.9808	1.4824	31.8571	9.0374	1.69231
31000	5.4517	0.9690	1.4982	32.0943	9.1267	1.71013
31500	5.4629	0.9576	1.5139	32.3312	9.2171	1.72813
32000	5.4741	0.9462	1.5298	32.5702	9.3101	1.74648
32500	5.4853	0.9350	1.5457	32.8111	9.4061	1.76518
33000	5.4965	0.9238	1.5619	33.0556	9.5061	1.78440
33500	5.5078	0.9127	1.5782	33.3043	9.6110	1.80418
34000	5.5192	0.9018	1.5948	33.5573	9.7208	1.82457
34500	5.5306	0.8908	1.6118	33.8154	9.8362	1.84566
35000	5.5422	0.8800	1.6290	34.0786	9.9571	1.86744

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1800	3.6919	2.3758	1.2735	15.4342	2.7328	1.00000
2000	3.7365	2.3369	1.2535	15.7147	2.7257	1.00000
2200	3.7766	2.3017	1.2358	15.9657	2.7172	1.00000
2400	3.8129	2.2694	1.2201	16.1929	2.7083	1.00000
2500	3.8299	2.2543	1.2130	16.2988	2.7039	1.00000
2600	3.8463	2.2396	1.2062	16.4006	2.6995	1.00000
2800	3.8770	2.2119	1.1938	16.5917	2.6908	1.00000
3000	3.9057	2.1860	1.1827	16.7688	2.6826	1.00000
3200	3.9324	2.1616	1.1726	16.9340	2.6748	1.00000
3400	3.9576	2.1387	1.1636	17.0885	2.6675	1.00000
3500	3.9696	2.1277	1.1593	17.1624	2.6639	1.00000
3600	3.9813	2.1170	1.1553	17.2339	2.6606	1.00000
3800	4.0037	2.0963	1.1478	17.3712	2.6541	1.00000
4000	4.0250	2.0766	1.1409	17.5012	2.6481	1.00000
4200	4.0453	2.0579	1.1346	17.6245	2.6424	1.00000
4400	4.0646	2.0399	1.1288	17.7420	2.6371	1.00000
4500	4.0739	2.0312	1.1260	17.7987	2.6346	1.00000
4600	4.0831	2.0227	1.1234	17.8542	2.6321	1.00000
4800	4.1008	2.0061	1.1184	17.9614	2.6275	1.00000
5000	4.1178	1.9902	1.1138	18.0641	2.6231	1.00000
5200	4.1341	1.9748	1.1095	18.1629	2.6189	1.00000
5400	4.1499	1.9601	1.1054	18.2576	2.6150	1.00000
5500	4.1575	1.9528	1.1035	18.3038	2.6131	1.00000
5600	4.1650	1.9457	1.1017	18.3491	2.6113	1.00000
5800	4.1797	1.9319	1.0982	18.4370	2.6079	1.00000
6000	4.1939	1.9185	1.0948	18.5221	2.6046	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6200	4.2076	1.9055	1.0917	18.6044	2.6014	1.00000
6400	4.2209	1.8929	1.0888	18.6841	2.5985	1.00000
6500	4.2274	1.8867	1.0874	18.7229	2.5971	1.00000
6600	4.2338	1.8806	1.0860	18.7611	2.5957	1.00000
6800	4.2463	1.8687	1.0834	18.8360	2.5931	1.00001
7000	4.2585	1.8571	1.0809	18.9087	2.5906	1.00001
7200	4.2704	1.8458	1.0786	18.9793	2.5884	1.00001
7400	4.2819	1.8348	1.0764	19.0480	2.5861	1.00002
7500	4.2875	1.8294	1.0754	19.0816	2.5851	1.00002
7600	4.2931	1.8241	1.0743	19.1148	2.5842	1.00003
7800	4.3041	1.8136	1.0723	19.1801	2.5823	1.00003
8000	4.3143	1.8034	1.0704	19.2437	2.5806	1.00005
8200	4.3253	1.7933	1.0686	19.3061	2.5791	1.00006
8400	4.3355	1.7836	1.0669	19.3667	2.5778	1.00009
8500	4.3406	1.7788	1.0661	19.3966	2.5772	1.00010
8600	4.3455	1.7740	1.0652	19.4263	2.5765	1.00011
8800	4.3554	1.7647	1.0637	19.4846	2.5757	1.00015
9000	4.3650	1.7555	1.0622	19.5419	2.5750	1.00019
9200	4.3745	1.7466	1.0608	19.5980	2.5746	1.00025
9400	4.3838	1.7378	1.0594	19.6534	2.5746	1.00032
9500	4.3884	1.7335	1.0588	19.6807	2.5747	1.00036
9600	4.3930	1.7292	1.0581	19.7078	2.5749	1.00041
9800	4.4021	1.7207	1.0569	19.7616	2.5755	1.00051
10000	4.4110	1.7124	1.0557	19.8148	2.5766	1.00063
10200	4.4199	1.7042	1.0546	19.8674	2.5781	1.00078
10400	4.4287	1.6963	1.0536	19.9194	2.5802	1.00095
10500	4.4331	1.6923	1.0531	19.9455	2.5815	1.00105
10600	4.4374	1.6884	1.0527	19.9714	2.5830	1.00117
10800	4.4461	1.6807	1.0518	20.0231	2.5864	1.00141
11000	4.4548	1.6731	1.0509	20.0745	2.5904	1.00169
11200	4.4634	1.6655	1.0501	20.1262	2.5953	1.00203
11400	4.4721	1.6582	1.0494	20.1780	2.6011	1.00241
11500	4.4764	1.6544	1.0491	20.2041	2.6044	1.00263
11600	4.4808	1.6508	1.0488	20.2302	2.6079	1.00286
11800	4.4895	1.6436	1.0482	20.2827	2.6158	1.00337
12000	4.4983	1.6366	1.0477	20.3358	2.6249	1.00395
12200	4.5072	1.6295	1.0473	20.3897	2.6352	1.00462
12400	4.5162	1.6226	1.0469	20.4444	2.6469	1.00537
12500	4.5207	1.6193	1.0468	20.4719	2.6534	1.00578
12600	4.5253	1.6158	1.0466	20.5000	2.6602	1.00622
12800	4.5345	1.6091	1.0464	20.5568	2.6751	1.00717
13000	4.5440	1.6024	1.0463	20.6150	2.6917	1.00825
13200	4.5536	1.5957	1.0463	20.6749	2.7102	1.00946
13400	4.5634	1.5892	1.0464	20.7363	2.7307	1.01080
13500	4.5684	1.5860	1.0464	20.7676	2.7418	1.01152
13600	4.5734	1.5827	1.0465	20.7997	2.7534	1.01229
13800	4.5837	1.5763	1.0468	20.8649	2.7783	1.01393
14000	4.5942	1.5698	1.0471	20.9324	2.8057	1.01576
14200	4.6049	1.5635	1.0476	21.0023	2.8356	1.01777
14400	4.6160	1.5572	1.0482	21.0747	2.8682	1.01997
14500	4.6216	1.5541	1.0485	21.1119	2.8855	1.02115
14600	4.6273	1.5510	1.0489	21.1499	2.9036	1.02239
14800	4.6389	1.5447	1.0496	21.2281	2.9420	1.02503
15000	4.6508	1.5385	1.0506	21.3092	2.9834	1.02791
15200	4.6630	1.5323	1.0516	21.3936	3.0279	1.03103

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
15400	4.6755	1.5261	1.0528	21.4814	3.0758	1.03442
15500	4.6818	1.5231	1.0534	21.5266	3.1010	1.03622
15600	4.6883	1.5200	1.0541	21.5727	3.1271	1.03808
15800	4.7013	1.5139	1.0555	21.6676	3.1818	1.04203
16000	4.7147	1.5078	1.0571	21.7662	3.2401	1.04626
16200	4.7283	1.5017	1.0588	21.8685	3.3018	1.05081
16400	4.7421	1.4956	1.0606	21.9748	3.3672	1.05568
16500	4.7491	1.4925	1.0616	22.0296	3.4014	1.05823
16600	4.7562	1.4895	1.0626	22.0851	3.4364	1.06086
16800	4.7705	1.4835	1.0647	22.1994	3.5090	1.06637
17000	4.7850	1.4774	1.0670	22.3177	3.5853	1.07223
17200	4.7996	1.4713	1.0694	22.4401	3.6652	1.07842
17400	4.8144	1.4652	1.0720	22.5663	3.7487	1.08496
17500	4.8219	1.4622	1.0733	22.6310	3.7916	1.08835
17600	4.8293	1.4592	1.0747	22.6963	3.8354	1.09182
17800	4.8443	1.4531	1.0776	22.8304	3.9256	1.09904
18000	4.8594	1.4471	1.0806	22.9679	4.0188	1.10658
18200	4.8745	1.4410	1.0838	23.1092	4.1151	1.11445
18400	4.8895	1.4349	1.0871	23.2538	4.2141	1.12265
18500	4.8971	1.4318	1.0888	23.3275	4.2647	1.12686
18600	4.9046	1.4288	1.0906	23.4017	4.3159	1.13115
18800	4.9196	1.4227	1.0942	23.5525	4.4200	1.13995
19000	4.9345	1.4167	1.0980	23.7061	4.5263	1.14904
19200	4.9493	1.4106	1.1019	23.8623	4.6345	1.15838
19400	4.9640	1.4044	1.1060	24.0209	4.7444	1.16799
19500	4.9713	1.4014	1.1080	24.1007	4.7999	1.17288
19600	4.9785	1.3983	1.1102	24.1813	4.8557	1.17782
19800	4.9929	1.3922	1.1145	24.3435	4.9680	1.18785
20000	5.0070	1.3861	1.1191	24.5073	5.0813	1.19807
20500	5.0414	1.3708	1.1310	24.9207	5.3659	1.22428
21000	5.0743	1.3555	1.1437	25.3372	5.6498	1.25116
21500	5.1054	1.3401	1.1573	25.7527	5.9290	1.27839
22000	5.1348	1.3248	1.1715	26.1630	6.1997	1.30561
22500	5.1624	1.3096	1.1864	26.5648	6.4594	1.33255
23000	5.1882	1.2944	1.2018	26.9559	6.7058	1.35898
23500	5.2123	1.2794	1.2176	27.3339	6.9372	1.38473
24000	5.2347	1.2646	1.2337	27.6979	7.1529	1.40965
24500	5.2556	1.2499	1.2500	28.0472	7.3526	1.43367
25000	5.2751	1.2355	1.2664	28.3811	7.5362	1.45675
25500	5.2933	1.2213	1.2828	28.7002	7.7044	1.47890
26000	5.3103	1.2073	1.2992	29.0056	7.8585	1.50018
26500	5.3263	1.1936	1.3155	29.2974	7.9993	1.52059
27000	5.3414	1.1802	1.3317	29.5768	8.1281	1.54020
27500	5.3556	1.1671	1.3477	29.8453	8.2464	1.55914
28000	5.3692	1.1542	1.3635	30.1045	8.3559	1.57753
28500	5.3821	1.1415	1.3792	30.3552	8.4579	1.59542
29000	5.3946	1.1291	1.3946	30.5992	8.5539	1.61297
29500	5.4066	1.1169	1.4100	30.8380	8.6454	1.63027
30000	5.4183	1.1050	1.4251	31.0723	8.7340	1.64744
30500	5.4298	1.0933	1.4402	31.3040	8.8207	1.66458
31000	5.4411	1.0817	1.4552	31.5343	8.9068	1.68181
31500	5.4522	1.0703	1.4702	31.7641	8.9934	1.69921
32000	5.4633	1.0590	1.4853	31.9948	9.0819	1.71692
32500	5.4744	1.0479	1.5004	32.2271	9.1726	1.73499
33000	5.4854	1.0369	1.5156	32.4617	9.2665	1.75351

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
33500	5.4965	1.0259	1.5310	32.6994	9.3641	1.77254
34000	5.5077	1.0151	1.5467	32.9410	9.4661	1.79217
34500	5.5189	1.0043	1.5626	33.1865	9.5727	1.81241
35000	5.5301	0.9936	1.5788	33.4363	9.6842	1.83331

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2200	3.7838	2.3846	1.2854	15.7214	2.7630	1.00000
2400	3.8200	2.3531	1.2669	15.9510	2.7526	1.00000
2500	3.8369	2.3383	1.2585	16.0580	2.7474	1.00000
2600	3.8531	2.3240	1.2505	16.1606	2.7422	1.00000
2800	3.8837	2.2969	1.2358	16.3532	2.7321	1.00000
3000	3.9121	2.2716	1.2226	16.5317	2.7224	1.00000
3200	3.9386	2.2479	1.2106	16.6979	2.7132	1.00000
3400	3.9636	2.2255	1.1998	16.8534	2.7045	1.00000
3500	3.9755	2.2146	1.1947	16.9278	2.7003	1.00000
3600	3.9871	2.2042	1.1899	16.9997	2.6964	1.00000
3800	4.0093	2.1840	1.1809	17.1377	2.6886	1.00000
4000	4.0304	2.1648	1.1726	17.2682	2.6814	1.00000
4200	4.0505	2.1464	1.1650	17.3920	2.6746	1.00000
4400	4.0697	2.1288	1.1580	17.5100	2.6683	1.00000
4500	4.0790	2.1203	1.1547	17.5670	2.6653	1.00000
4600	4.0880	2.1119	1.1515	17.6225	2.6623	1.00000
4800	4.1056	2.0957	1.1455	17.7301	2.6567	1.00000
5000	4.1224	2.0801	1.1399	17.8331	2.6514	1.00000
5200	4.1386	2.0651	1.1347	17.9321	2.6463	1.00000
5400	4.1543	2.0506	1.1299	18.0270	2.6416	1.00000
5500	4.1619	2.0435	1.1276	18.0732	2.6394	1.00000
5600	4.1693	2.0365	1.1253	18.1186	2.6372	1.00000
5800	4.1839	2.0230	1.1211	18.2067	2.6330	1.00000
6000	4.1980	2.0098	1.1171	18.2920	2.6290	1.00000
6200	4.2116	1.9970	1.1133	18.3744	2.6252	1.00000
6400	4.2248	1.9846	1.1097	18.4541	2.6217	1.00000
6500	4.2312	1.9785	1.1080	18.4931	2.6200	1.00000
6600	4.2376	1.9725	1.1063	18.5314	2.6183	1.00000
6800	4.2500	1.9608	1.1032	18.6063	2.6151	1.00001
7000	4.2621	1.9494	1.1001	18.6790	2.6120	1.00001
7200	4.2738	1.9383	1.0973	18.7498	2.6092	1.00001
7400	4.2853	1.9275	1.0946	18.8186	2.6065	1.00002
7500	4.2909	1.9222	1.0933	18.8522	2.6053	1.00002
7600	4.2965	1.9170	1.0920	18.8855	2.6041	1.00002
7800	4.3074	1.9067	1.0896	18.9507	2.6017	1.00003
8000	4.3180	1.8966	1.0872	19.0144	2.5995	1.00004
8200	4.3284	1.8867	1.0850	19.0767	2.5976	1.00006
8400	4.3386	1.8771	1.0829	19.1374	2.5958	1.00008
8500	4.3436	1.8724	1.0819	19.1673	2.5950	1.00009
8600	4.3485	1.8677	1.0809	19.1969	2.5942	1.00010
8800	4.3583	1.8585	1.0790	19.2552	2.5929	1.00014
9000	4.3678	1.8494	1.0771	19.3124	2.5917	1.00018
9200	4.3773	1.8407	1.0754	19.3684	2.5910	1.00023
9400	4.3865	1.8320	1.0737	19.4237	2.5905	1.00030
9500	4.3911	1.8277	1.0729	19.4510	2.5903	1.00034
9600	4.3956	1.8235	1.0721	19.4781	2.5903	1.00038
9800	4.4046	1.8151	1.0706	19.5317	2.5905	1.00047

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	4.4135	1.8069	1.0692	19.5847	2.5912	1.00060
10200	4.4223	1.7989	1.0678	19.6371	2.5922	1.00073
10400	4.4310	1.7910	1.0665	19.6888	2.5938	1.00089
10500	4.4353	1.7871	1.0658	19.7148	2.5948	1.00099
10600	4.4396	1.7832	1.0652	19.7406	2.5960	1.00109
10800	4.4482	1.7756	1.0641	19.7921	2.5988	1.00132
11000	4.4567	1.7681	1.0630	19.8431	2.6023	1.00159
11200	4.4653	1.7607	1.0619	19.8943	2.6066	1.00190
11400	4.4738	1.7534	1.0609	19.9457	2.6117	1.00226
11500	4.4781	1.7498	1.0605	19.9714	2.6146	1.00246
11600	4.4824	1.7462	1.0600	19.9973	2.6178	1.00268
11800	4.4910	1.7391	1.0592	20.0491	2.6248	1.00316
12000	4.4997	1.7322	1.0585	20.1015	2.6331	1.00371
12200	4.5084	1.7252	1.0578	20.1547	2.6425	1.00433
12400	4.5172	1.7184	1.0571	20.2085	2.6533	1.00504
12500	4.5217	1.7151	1.0569	20.2356	2.6592	1.00542
12600	4.5262	1.7117	1.0566	20.2632	2.6655	1.00583
12800	4.5352	1.7051	1.0561	20.3190	2.6792	1.00673
13000	4.5445	1.6985	1.0558	20.3760	2.6947	1.00775
13200	4.5539	1.6920	1.0555	20.4347	2.7119	1.00889
13400	4.5634	1.6855	1.0553	20.4947	2.7311	1.01015
13500	4.5683	1.6824	1.0552	20.5253	2.7415	1.01084
13600	4.5732	1.6791	1.0551	20.5566	2.7523	1.01157
13800	4.5833	1.6728	1.0551	20.6203	2.7757	1.01312
14000	4.5935	1.6665	1.0552	20.6862	2.8015	1.01485
14200	4.6040	1.6603	1.0553	20.7543	2.8296	1.01676
14400	4.6148	1.6542	1.0556	20.8248	2.8605	1.01886
14500	4.6203	1.6511	1.0557	20.8610	2.8768	1.01998
14600	4.6258	1.6480	1.0559	20.8979	2.8939	1.02116
14800	4.6372	1.6419	1.0564	20.9740	2.9303	1.02368
15000	4.6488	1.6358	1.0570	21.0529	2.9696	1.02642
15200	4.6607	1.6298	1.0576	21.1348	3.0119	1.02940
15400	4.6729	1.6239	1.0584	21.2199	3.0575	1.03265
15500	4.6791	1.6208	1.0588	21.2638	3.0815	1.03438
15600	4.6854	1.6178	1.0593	21.3087	3.1063	1.03616
15800	4.6981	1.6119	1.0603	21.4008	3.1585	1.03995
16000	4.7112	1.6060	1.0614	21.4965	3.2142	1.04402
16200	4.7245	1.6001	1.0626	21.5959	3.2732	1.04840
16400	4.7381	1.5942	1.0640	21.6991	3.3359	1.05310
16500	4.7449	1.5912	1.0647	21.7521	3.3686	1.05556
16600	4.7519	1.5884	1.0655	21.8059	3.4022	1.05809
16800	4.7659	1.5825	1.0671	21.9168	3.4718	1.06342
17000	4.7801	1.5767	1.0688	22.0316	3.5451	1.06908
17200	4.7944	1.5709	1.0706	22.1502	3.6217	1.07507
17400	4.8090	1.5650	1.0726	22.2727	3.7019	1.08140
17500	4.8163	1.5621	1.0736	22.3354	3.7432	1.08469
17600	4.8236	1.5592	1.0747	22.3991	3.7854	1.08807
17800	4.8384	1.5534	1.0769	22.5290	3.8721	1.09506
18000	4.8532	1.5477	1.0792	22.6623	3.9618	1.10238
18200	4.8680	1.5418	1.0817	22.7995	4.0545	1.11003
18400	4.8829	1.5361	1.0843	22.9395	4.1499	1.11799
18500	4.8903	1.5331	1.0856	23.0110	4.1986	1.12209
18600	4.8977	1.5302	1.0870	23.0831	4.2480	1.12626
18800	4.9125	1.5244	1.0899	23.2294	4.3483	1.13481
19000	4.9272	1.5187	1.0929	23.3782	4.4507	1.14364

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19200	4.9418	1.5129	1.0960	23.5296	4.5549	1.15273
19400	4.9563	1.5071	1.0992	23.6833	4.6608	1.16207
19500	4.9635	1.5042	1.1009	23.7608	4.7143	1.16682
19600	4.9706	1.5013	1.1026	23.8388	4.7680	1.17162
19800	4.9848	1.4955	1.1061	23.9960	4.8763	1.18138
20000	4.9987	1.4897	1.1098	24.1549	4.9855	1.19131
20500	5.0327	1.4752	1.1195	24.5556	5.2599	1.21679
21000	5.0652	1.4607	1.1300	24.9590	5.5333	1.24289
21500	5.0960	1.4461	1.1412	25.3615	5.8023	1.26928
22000	5.1251	1.4316	1.1532	25.7588	6.0632	1.29563
22500	5.1525	1.4171	1.1658	26.1482	6.3135	1.32167
23000	5.1781	1.4027	1.1791	26.5274	6.5512	1.34717
23500	5.2020	1.3883	1.1929	26.8940	6.7748	1.37187
24000	5.2243	1.3740	1.2072	27.2474	6.9835	1.39572
24500	5.2451	1.3598	1.2218	27.5871	7.1771	1.41867
25000	5.2646	1.3459	1.2366	27.9124	7.3557	1.44069
25500	5.2827	1.3320	1.2516	28.2238	7.5198	1.46181
26000	5.2998	1.3183	1.2667	28.5223	7.6705	1.48210
26500	5.3158	1.3049	1.2817	28.8077	7.8086	1.50157
27000	5.3309	1.2918	1.2967	29.0813	7.9352	1.52032
27500	5.3452	1.2789	1.3116	29.3444	8.0517	1.53845
28000	5.3588	1.2662	1.3264	29.5985	8.1596	1.55606
28500	5.3718	1.2537	1.3411	29.8442	8.2600	1.57324
29000	5.3843	1.2414	1.3556	30.0835	8.3546	1.59011
29500	5.3964	1.2295	1.3700	30.3167	8.4444	1.60674
30000	5.4081	1.2177	1.3842	30.5457	8.5309	1.62328
30500	5.4196	1.2061	1.3984	30.7717	8.6152	1.63982
31000	5.4308	1.1947	1.4126	30.9956	8.6984	1.65642
31500	5.4419	1.1833	1.4268	31.2190	8.7818	1.67318
32000	5.4529	1.1722	1.4410	31.4420	8.8660	1.69020
32500	5.4638	1.1611	1.4553	31.6662	8.9519	1.70758
33000	5.4747	1.1503	1.4696	31.8918	9.0403	1.72538
33500	5.4856	1.1395	1.4841	32.1199	9.1317	1.74366
34000	5.4965	1.1288	1.4988	32.3509	9.2268	1.76250
34500	5.5075	1.1181	1.5137	32.5852	9.3257	1.78192
35000	5.5185	1.1076	1.5289	32.8230	9.4287	1.80197

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	3.8913	2.3799	1.2854	16.1120	2.7809	1.00000
3000	3.9195	2.3552	1.2698	16.2920	2.7696	1.00000
3200	3.9459	2.3320	1.2557	16.4596	2.7588	1.00000
3400	3.9706	2.3102	1.2429	16.6162	2.7486	1.00000
3500	3.9824	2.2996	1.2369	16.6912	2.7436	1.00000
3600	3.9939	2.2895	1.2312	16.7636	2.7389	1.00000
3800	4.0159	2.2697	1.2204	16.9024	2.7297	1.00000
4000	4.0368	2.2510	1.2106	17.0336	2.7213	1.00000
4200	4.0567	2.2330	1.2015	17.1582	2.7132	1.00000
4400	4.0757	2.2159	1.1932	17.2766	2.7057	1.00000
4500	4.0849	2.2075	1.1892	17.3339	2.7020	1.00000
4600	4.0939	2.1994	1.1854	17.3896	2.6985	1.00000
4800	4.1113	2.1835	1.1782	17.4978	2.6918	1.00000
5000	4.1280	2.1683	1.1715	17.6012	2.6854	1.00000
5200	4.1440	2.1536	1.1652	17.7003	2.6794	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5400	4.1595	2.1393	1.1593	17.7958	2.6738	1.00000
5500	4.1671	2.1325	1.1566	17.8421	2.6711	1.00000
5600	4.1744	2.1256	1.1539	17.8875	2.6684	1.00000
5800	4.1889	2.1123	1.1487	17.9760	2.6634	1.00000
6000	4.2028	2.0995	1.1439	18.0614	2.6586	1.00000
6200	4.2163	2.0869	1.1393	18.1440	2.6540	1.00000
6400	4.2294	2.0748	1.1350	18.2238	2.6498	1.00000
6500	4.2358	2.0689	1.1330	18.2629	2.6477	1.00000
6600	4.2421	2.0629	1.1309	18.3014	2.6456	1.00000
6800	4.2544	2.0515	1.1271	18.3764	2.6418	1.00001
7000	4.2664	2.0403	1.1235	18.4492	2.6381	1.00001
7200	4.2781	2.0294	1.1200	18.5200	2.6347	1.00001
7400	4.2894	2.0188	1.1167	18.5889	2.6313	1.00002
7500	4.2950	2.0136	1.1152	18.6225	2.6299	1.00002
7600	4.3005	2.0084	1.1136	18.6558	2.6283	1.00002
7800	4.3113	1.9984	1.1107	18.7211	2.6254	1.00003
8000	4.3218	1.9884	1.1078	18.7849	2.6227	1.00004
8200	4.3322	1.9788	1.1051	18.8472	2.6202	1.00006
8400	4.3422	1.9693	1.1025	18.9079	2.6179	1.00008
8500	4.3472	1.9647	1.1013	18.9379	2.6168	1.00009
8600	4.3521	1.9601	1.1000	18.9675	2.6158	1.00010
8800	4.3618	1.9510	1.0977	19.0259	2.6140	1.00013
9000	4.3713	1.9421	1.0954	19.0830	2.6124	1.00017
9200	4.3806	1.9335	1.0933	19.1390	2.6111	1.00022
9400	4.3898	1.9250	1.0912	19.1942	2.6101	1.00029
9500	4.3943	1.9207	1.0902	19.2216	2.6097	1.00032
9600	4.3988	1.9166	1.0893	19.2486	2.6095	1.00036
9800	4.4077	1.9084	1.0874	19.3020	2.6092	1.00045
10000	4.4165	1.9003	1.0856	19.3549	2.6093	1.00056
10200	4.4252	1.8924	1.0839	19.4072	2.6099	1.00069
10400	4.4338	1.8847	1.0822	19.4588	2.6110	1.00085
10500	4.4381	1.8808	1.0814	19.4846	2.6117	1.00093
10600	4.4424	1.8770	1.0807	19.5103	2.6126	1.00103
10800	4.4509	1.8694	1.0792	19.5614	2.6148	1.00125
11000	4.4593	1.8621	1.0778	19.6122	2.6177	1.00150
11200	4.4678	1.8548	1.0764	19.6630	2.6214	1.00180
11400	4.4762	1.8476	1.0752	19.7140	2.6258	1.00214
11500	4.4804	1.8441	1.0746	19.7395	2.6284	1.00233
11600	4.4846	1.8405	1.0740	19.7651	2.6312	1.00253
11800	4.4931	1.8336	1.0728	19.8164	2.6376	1.00299
12000	4.5016	1.8267	1.0718	19.8682	2.6451	1.00351
12200	4.5102	1.8199	1.0708	19.9208	2.6537	1.00410
12400	4.5189	1.8132	1.0699	19.9738	2.6635	1.00477
12500	4.5233	1.8099	1.0695	20.0007	2.6690	1.00514
12600	4.5277	1.8066	1.0691	20.0278	2.6749	1.00553
12800	4.5366	1.8001	1.0684	20.0827	2.6876	1.00639
13000	4.5456	1.7937	1.0677	20.1388	2.7020	1.00735
13200	4.5548	1.7872	1.0671	20.1965	2.7181	1.00844
13400	4.5642	1.7809	1.0666	20.2553	2.7361	1.00965
13500	4.5690	1.7778	1.0663	20.2855	2.7458	1.01030
13600	4.5738	1.7747	1.0661	20.3160	2.7560	1.01099
13800	4.5836	1.7685	1.0658	20.3785	2.7781	1.01249
14000	4.5937	1.7623	1.0655	20.4430	2.8024	1.01414
14200	4.6039	1.7562	1.0653	20.5097	2.8291	1.01597
14400	4.6145	1.7502	1.0652	20.5787	2.8583	1.01799

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	4.6198	1.7472	1.0652	20.6141	2.8740	1.01906
14600	4.6253	1.7442	1.0652	20.6502	2.8902	1.02020
14800	4.6364	1.7383	1.0653	20.7243	2.9249	1.02263
15000	4.6477	1.7323	1.0655	20.8013	2.9623	1.02528
15200	4.6594	1.7265	1.0657	20.8813	3.0028	1.02816
15400	4.6713	1.7207	1.0661	20.9643	3.0464	1.03129
15500	4.6774	1.7178	1.0663	21.0072	3.0694	1.03297
15600	4.6835	1.7149	1.0665	21.0509	3.0932	1.03470
15800	4.6960	1.7091	1.0671	21.1406	3.1433	1.03838
16000	4.7089	1.7034	1.0677	21.2341	3.1968	1.04234
16200	4.7219	1.6977	1.0685	21.3309	3.2536	1.04660
16400	4.7352	1.6920	1.0693	21.4316	3.3140	1.05117
16500	4.7419	1.6892	1.0698	21.4832	3.3455	1.05358
16600	4.7487	1.6864	1.0703	21.5357	3.3778	1.05605
16800	4.7625	1.6808	1.0713	21.6440	3.4451	1.06126
17000	4.7765	1.6752	1.0724	21.7559	3.5159	1.06680
17200	4.7906	1.6696	1.0737	21.8716	3.5900	1.07268
17400	4.8049	1.6641	1.0750	21.9911	3.6676	1.07890
17500	4.8121	1.6613	1.0757	22.0522	3.7075	1.08213
17600	4.8194	1.6585	1.0764	22.1144	3.7484	1.08545
17800	4.8339	1.6530	1.0779	22.2411	3.8323	1.09234
18000	4.8485	1.6475	1.0796	22.3713	3.9193	1.09955
18200	4.8631	1.6419	1.0813	22.5051	4.0091	1.10710
18400	4.8778	1.6365	1.0831	22.6417	4.1016	1.11496
18500	4.8851	1.6338	1.0841	22.7114	4.1488	1.11901
18600	4.8924	1.6310	1.0850	22.7818	4.1967	1.12314
18800	4.9070	1.6256	1.0870	22.9245	4.2940	1.13161
19000	4.9215	1.6202	1.0892	23.0696	4.3933	1.14036
19200	4.9360	1.6148	1.0914	23.2173	4.4944	1.14938
19400	4.9503	1.6093	1.0937	23.3671	4.5971	1.15866
19500	4.9574	1.6066	1.0948	23.4428	4.6489	1.16339
19600	4.9644	1.6040	1.0960	23.5186	4.7010	1.16817
19800	4.9784	1.5985	1.0986	23.6718	4.8059	1.17787
20000	4.9922	1.5931	1.1013	23.8263	4.9114	1.18767
20500	5.0258	1.5794	1.1086	24.2157	5.1763	1.21274
21000	5.0578	1.5659	1.1167	24.6068	5.4398	1.23832
21500	5.0882	1.5521	1.1257	24.9967	5.6985	1.26406
22000	5.1169	1.5384	1.1355	25.3812	5.9492	1.28963
22500	5.1439	1.5246	1.1461	25.7581	6.1897	1.31476
23000	5.1691	1.5108	1.1574	26.1250	6.4180	1.33926
23500	5.1928	1.4970	1.1693	26.4802	6.6330	1.36299
24000	5.2149	1.4832	1.1817	26.8228	6.8339	1.38584
24500	5.2355	1.4696	1.1946	27.1523	7.0205	1.40780
25000	5.2549	1.4561	1.2077	27.4685	7.1931	1.42884
25500	5.2730	1.4427	1.2212	27.7715	7.3522	1.44901
26000	5.2900	1.4294	1.2347	28.0623	7.4985	1.46838
26500	5.3059	1.4164	1.2483	28.3408	7.6328	1.48701
27000	5.3210	1.4037	1.2618	28.6079	7.7563	1.50497
27500	5.3353	1.3910	1.2756	28.8654	7.8705	1.52223
28000	5.3490	1.3785	1.2894	29.1140	7.9762	1.53894
28500	5.3620	1.3662	1.3031	29.3545	8.0748	1.55526
29000	5.3745	1.3540	1.3168	29.5889	8.1676	1.57130
29500	5.3866	1.3423	1.3303	29.8168	8.2555	1.58713
30000	5.3983	1.3306	1.3437	30.0407	8.3399	1.60290
30500	5.4097	1.3191	1.3571	30.2612	8.4219	1.61867

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
31000	5.4209	1.3078	1.3704	30.4793	8.5024	1.63455
31500	5.4319	1.2966	1.3838	30.6962	8.5826	1.65063
32000	5.4428	1.2856	1.3971	30.9126	8.6632	1.66698
32500	5.4536	1.2747	1.4104	31.1294	8.7449	1.68369
33000	5.4644	1.2640	1.4238	31.3469	8.8284	1.70081
33500	5.4751	1.2534	1.4373	31.5662	8.9144	1.71842
34000	5.4859	1.2429	1.4509	31.7879	9.0034	1.73657
34500	5.4966	1.2324	1.4647	32.0120	9.0955	1.75529
35000	5.5074	1.2221	1.4787	32.2393	9.1912	1.77464

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	3.9787	2.3928	1.2937	16.3765	2.8006	1.00000
3500	3.9904	2.3825	1.2866	16.4521	2.7948	1.00000
3600	4.0018	2.3726	1.2799	16.5251	2.7893	1.00000
3800	4.0236	2.3534	1.2673	16.6650	2.7786	1.00000
4000	4.0443	2.3351	1.2557	16.7970	2.7686	1.00000
4200	4.0640	2.3177	1.2449	16.9225	2.7591	1.00000
4400	4.0828	2.3009	1.2350	17.0416	2.7501	1.00000
4500	4.0919	2.2928	1.2303	17.0993	2.7459	1.00000
4600	4.1008	2.2849	1.2258	17.1552	2.7417	1.00000
4800	4.1180	2.2694	1.2172	17.2639	2.7337	1.00000
5000	4.1345	2.2546	1.2092	17.3678	2.7262	1.00000
5200	4.1504	2.2402	1.2017	17.4674	2.7190	1.00000
5400	·4.1657	2.2263	1.1947	17.5633	2.7124	1.00000
5500	4.1732	2.2196	1.1914	17.6097	2.7091	1.00000
5600	4.1805	2.2130	1.1882	17.6553	2.7059	1.00000
5800	4.1948	2.1999	1.1820	17.7444	2.6999	1.00000
6000	4.2086	2.1874	1.1762	17.8298	2.6942	1.00000
6200	4.2219	2.1751	1.1707	17.9129	2.6887	1.00000
6400	4.2349	2.1633	1.1656	17.9929	2.6836	1.00000
6500	4.2412	2.1575	1.1631	18.0320	2.6811	1.00000
6600	4.2475	2.1517	1.1606	18.0706	2.6786	1.00000
6800	4.2597	2.1405	1.1560	18.1458	2.6740	1.00001
7000	4.2715	2.1295	1.1516	18.2188	2.6695	1.00001
7200	4.2831	2.1189	1.1474	18.2898	2.6654	1.00001
7400	4.2943	2.1085	1.1435	18.3589	2.6614	1.00002
7500	4.2999	2.1034	1.1416	18.3926	2.6595	1.00002
7600	4.3053	2.0984	1.1397	18.4259	2.6577	1.00002
7800	4.3160	2.0885	1.1361	18.4913	2.6541	1.00003
8000	4.3265	2.0788	1.1327	18.5552	2.6508	1.00004
8200	4.3367	2.0693	1.1294	18.6175	2.6477	1.00006
8400	4.3467	2.0600	1.1263	18.6784	2.6448	1.00008
8500	4.3516	2.0555	1.1248	18.7083	2.6434	1.00009
8600	4.3564	2.0510	1.1233	18.7379	2.6421	1.00010
8800	4.3660	2.0421	1.1205	18.7964	2.6397	1.00013
9000	4.3755	2.0334	1.1177	18.8534	2.6376	1.00017
9200	4.3847	2.0249	1.1151	18.9095	2.6358	1.00022
9400	4.3938	2.0165	1.1126	18.9646	2.6342	1.00028
9500	4.3983	2.0124	1.1114	18.9919	2.6336	1.00031
9600	4.4027	2.0083	1.1102	19.0190	2.6330	1.00035
9800	4.4116	2.0003	1.1079	19.0724	2.6323	1.00044
10000	4.4203	1.9923	1.1057	19.1252	2.6319	1.00054
10200	4.4289	1.9846	1.1036	19.1773	2.6319	1.00066

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10400	4.4374	1.9770	1.1015	19.2289	2.6324	1.00082
10500	4.4416	1.9732	1.1006	19.2545	2.6328	1.00090
10600	4.4458	1.9694	1.0996	19.2802	2.6334	1.00099
10800	4.4542	1.9621	1.0977	19.3310	2.6351	1.00119
11000	4.4626	1.9548	1.0959	19.3817	2.6374	1.00144
11200	4.4709	1.9477	1.0943	19.4322	2.6404	1.00172
11400	4.4792	1.9406	1.0926	19.4828	2.6443	1.00205
11500	4.4834	1.9371	1.0918	19.5082	2.6465	1.00223
11600	4.4875	1.9337	1.0911	19.5336	2.6489	1.00242
11800	4.4959	1.9268	1.0896	19.5846	2.6546	1.00286
12000	4.5043	1.9201	1.0882	19.6359	2.6613	1.00336
12200	4.5127	1.9134	1.0869	19.6880	2.6692	1.00393
12400	4.5213	1.9068	1.0857	19.7404	2.6782	1.00457
12500	4.5256	1.9036	1.0851	19.7669	2.6833	1.00492
12600	4.5299	1.9004	1.0845	19.7938	2.6887	1.00530
12800	4.5387	1.8940	1.0834	19.8480	2.7005	1.00613
13000	4.5476	1.8877	1.0824	19.9034	2.7140	1.00705
13200	4.5566	1.8814	1.0815	19.9602	2.7291	1.00810
13400	4.5658	1.8753	1.0806	20.0181	2.7460	1.00926
13500	4.5705	1.8722	1.0802	20.0478	2.7552	1.00990
13600	4.5752	1.8691	1.0798	20.0778	2.7649	1.01057
13800	4.5848	1.8630	1.0791	20.1393	2.7858	1.01202
14000	4.5947	1.8571	1.0785	20.2027	2.8089	1.01362
14200	4.6048	1.8511	1.0779	20.2683	2.8344	1.01540
14400	4.6151	1.8452	1.0775	20.3361	2.8623	1.01736
14500	4.6204	1.8423	1.0772	20.3709	2.8773	1.01841
14600	4.6257	1.8394	1.0771	20.4063	2.8928	1.01952
14800	4.6366	1.8336	1.0767	20.4790	2.9261	1.02189
15000	4.6477	1.8279	1.0765	20.5546	2.9622	1.02449
15200	4.6591	1.8222	1.0763	20.6331	3.0012	1.02732
15400	4.6709	1.8166	1.0762	20.7146	3.0433	1.03041
15500	4.6769	1.8137	1.0762	20.7568	3.0656	1.03206
15600	4.6829	1.8110	1.0762	20.7996	3.0886	1.03377
15800	4.6952	1.8055	1.0762	20.8878	3.1372	1.03742
16000	4.7078	1.7999	1.0763	20.9796	3.1892	1.04136
16200	4.7206	1.7945	1.0765	21.0746	3.2444	1.04559
16400	4.7338	1.7890	1.0768	21.1737	3.3031	1.05013
16500	4.7404	1.7864	1.0769	21.2242	3.3336	1.05253
16600	4.7471	1.7836	1.0771	21.2759	3.3651	1.05500
16800	4.7607	1.7783	1.0775	21.3823	3.4307	1.06021
17000	4.7745	1.7729	1.0780	21.4922	3.4997	1.06574
17200	4.7884	1.7676	1.0785	21.6060	3.5720	1.07162
17400	4.8026	1.7624	1.0791	21.7233	3.6477	1.07785
17500	4.8097	1.7598	1.0795	21.7833	3.6867	1.08109
17600	4.8168	1.7571	1.0798	21.8443	3.7265	1.08442
17800	4.8312	1.7519	1.0806	21.9687	3.8085	1.09134
18000	4.8456	1.7467	1.0814	22.0967	3.8933	1.09857
18200	4.8601	1.7416	1.0823	22.2278	3.9810	1.10615
18400	4.8745	1.7364	1.0833	22.3620	4.0712	1.11403
18500	4.8813	1.7339	1.0838	22.4301	4.1172	1.11809
18600	4.8890	1.7313	1.0844	22.4991	4.1638	1.12221
18800	4.9034	1.7262	1.0855	22.6388	4.2585	1.13069
19000	4.9178	1.7211	1.0868	22.7809	4.3551	1.13941
19200	4.9320	1.7160	1.0882	22.9251	4.4533	1.14839
19400	4.9461	1.7109	1.0897	23.0714	4.5529	1.15758

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
19500	4.9531	1.7083	1.0905	23.1452	4.6030	1.16226
19600	4.9600	1.7058	1.0913	23.2191	4.6535	1.16697
19800	4.9738	1.7007	1.0930	23.3685	4.7551	1.17652
20000	4.9874	1.6955	1.0949	23.5190	4.8572	1.18622
20500	5.0204	1.6827	1.1002	23.8981	5.1132	1.21091
21000	5.0520	1.6697	1.1065	24.2782	5.3672	1.23591
21500	5.0819	1.6565	1.1138	24.6564	5.6160	1.26085
22000	5.1101	1.6432	1.1222	25.0292	5.8568	1.28543
22500	5.1366	1.6297	1.1315	25.3944	6.0875	1.30941
23000	5.1615	1.6161	1.1416	25.7499	6.3066	1.33268
23500	5.1848	1.6069	1.1431	26.0935	6.5123	1.36088
24000	5.2065	1.5936	1.1538	26.4244	6.7040	1.38269
24500	5.2269	1.5805	1.1652	26.7429	6.8826	1.40350
25000	5.2460	1.5673	1.1770	27.0490	7.0480	1.42333
25500	5.2639	1.5542	1.1893	27.3429	7.2010	1.44224
26000	5.2808	1.5411	1.2018	27.6255	7.3423	1.46031
26500	5.2967	1.5283	1.2146	27.8965	7.4723	1.47764
27000	5.3117	1.5156	1.2274	28.1573	7.5924	1.49432
27500	5.3260	1.5031	1.2403	28.4087	7.7035	1.51047
28000	5.3396	1.4907	1.2531	28.6516	7.8066	1.52619
28500	5.3526	1.4787	1.2659	28.8868	7.9028	1.54158
29000	5.3651	1.4667	1.2786	29.1158	7.9935	1.55678
29500	5.3772	1.4551	1.2912	29.3388	8.0793	1.57184
30000	5.3889	1.4437	1.3036	29.5577	8.1616	1.58693
30500	5.4003	1.4324	1.3159	29.7730	8.2414	1.60212
31000	5.4115	1.4214	1.3279	29.9858	8.3194	1.61753
31500	5.4224	1.4106	1.3398	30.1968	8.3967	1.63328
32000	5.4332	1.4000	1.3515	30.4072	8.4741	1.64947
32500	5.4440	1.3893	1.3640	30.6174	8.5522	1.66546
33000	5.4546	1.3787	1.3765	30.8276	8.6314	1.68185
33500	5.4652	1.3682	1.3891	31.0393	8.7127	1.69872
34000	5.4758	1.3578	1.4018	31.2527	8.7964	1.71610
34500	5.4864	1.3475	1.4147	31.4677	8.8826	1.73402
35000	5.4970	1.3372	1.4277	31.6855	8.9719	1.75255

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.0910	2.3838	1.2844	16.8045	2.8027	1.00000
4500	4.1000	2.3760	1.2789	16.8625	2.7977	1.00000
4600	4.1088	2.3683	1.2736	16.9189	2.7929	1.00000
4800	4.1258	2.3533	1.2635	17.0281	2.7835	1.00000
5000	4.1422	2.3388	1.2540	17.1328	2.7746	1.00000
5200	4.1579	2.3248	1.2452	17.2329	2.7662	1.00000
5400	4.1730	2.3113	1.2369	17.3293	2.7583	1.00000
5500	4.1804	2.3048	1.2329	17.3760	2.7544	1.00000
5600	4.1876	2.2983	1.2291	17.4218	2.7506	1.00000
5800	4.2017	2.2856	1.2217	17.5114	2.7435	1.00000
6000	4.2154	2.2734	1.2149	17.5971	2.7367	1.00000
6200	4.2286	2.2614	1.2083	17.6805	2.7303	1.00000
6400	4.2414	2.2499	1.2022	17.7609	2.7241	1.00000
6500	4.2477	2.2443	1.1992	17.8000	2.7211	1.00000
6600	4.2538	2.2386	1.1963	17.8388	2.7182	1.00000
6800	4.2659	2.2277	1.1908	17.9142	2.7127	1.00001
7000	4.2776	2.2170	1.1855	17.9876	2.7073	1.00001

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7200	4.2891	2.2066	1.1805	18.0588	2.7023	1.00001
7400	4.3002	2.1964	1.1757	18.1280	2.6975	1.00002
7500	4.3057	2.1915	1.1734	18.1618	2.6952	1.00002
7600	4.3111	2.1866	1.1712	18.1952	2.6930	1.00002
7800	4.3216	2.1769	1.1669	18.2609	2.6887	1.00003
8000	4.3320	2.1674	1.1628	18.3249	2.6847	1.00004
8200	4.3421	2.1582	1.1588	18.3873	2.6808	1.00006
8400	4.3520	2.1491	1.1550	18.4484	2.6772	1.00008
8500	4.3568	2.1446	1.1532	18.4783	2.6756	1.00009
8600	4.3617	2.1402	1.1514	18.5080	2.6740	1.00010
8800	4.3711	2.1315	1.1480	18.5665	2.6709	1.00013
9000	4.3805	2.1231	1.1447	18.6236	2.6682	1.00017
9200	4.3896	2.1147	1.1415	18.6798	2.6658	1.00021
9400	4.3986	2.1066	1.1385	18.7349	2.6636	1.00027
9500	4.4030	2.1025	1.1370	18.7622	2.6627	1.00030
9600	4.4074	2.0985	1.1355	18.7893	2.6618	1.00034
9800	4.4162	2.0906	1.1327	18.8427	2.6604	1.00042
10000	4.4248	2.0828	1.1300	18.8955	2.6594	1.00052
10200	4.4333	2.0752	1.1274	18.9476	2.6588	1.00064
10400	4.4417	2.0678	1.1250	18.9991	2.6588	1.00079
10500	4.4459	2.0641	1.1238	19.0247	2.6590	1.00087
10600	4.4501	2.0604	1.1226	19.0502	2.6593	1.00096
10800	4.4584	2.0532	1.1203	19.1009	2.6603	1.00116
11000	4.4666	2.0461	1.1181	19.1515	2.6620	1.00140
11200	4.4748	2.0391	1.1160	19.2018	2.6644	1.00167
11400	4.4830	2.0322	1.1140	19.2522	2.6676	1.00199
11500	4.4871	2.0288	1.1130	19.2774	2.6695	1.00216
11600	4.4912	2.0254	1.1120	19.3026	2.6716	1.00235
11800	4.4995	2.0187	1.1102	19.3534	2.6766	1.00277
12000	4.5077	2.0121	1.1084	19.4043	2.6826	1.00326
12200	4.5161	2.0056	1.1067	19.4561	2.6898	1.00381
12400	4.5245	1.9992	1.1051	19.5081	2.6981	1.00444
12500	4.5287	1.9961	1.1043	19.5344	2.7028	1.00478
12600	4.5330	1.9928	1.1035	19.5611	2.7077	1.00516
12800	4.5416	1.9866	1.1020	19.6148	2.7188	1.00596
13000	4.5503	1.9804	1.1006	19.6697	2.7315	1.00687
13200	4.5592	1.9743	1.0993	19.7257	2.7457	1.00789
13400	4.5683	1.9683	1.0980	19.7831	2.7617	1.00904
13500	4.5729	1.9653	1.0974	19.8124	2.7705	1.00966
13600	4.5775	1.9624	1.0968	19.8421	2.7798	1.01031
13800	4.5870	1.9564	1.0957	19.9029	2.7997	1.01174
14000	4.5967	1.9506	1.0947	19.9655	2.8219	1.01333
14200	4.6066	1.9448	1.0937	20.0303	2.8463	1.01509
14400	4.6167	1.9391	1.0928	20.0972	2.8732	1.01703
14500	4.6219	1.9363	1.0923	20.1315	2.8876	1.01807
14600	4.6272	1.9334	1.0919	20.1664	2.9027	1.01917
14800	4.6379	1.9278	1.0911	20.2383	2.9349	1.02152
15000	4.6488	1.9223	1.0904	20.3128	2.9699	1.02411
15200	4.6601	1.9168	1.0898	20.3904	3.0078	1.02693
15400	4.6716	1.9114	1.0892	20.4709	3.0488	1.03002
15500	4.6775	1.9087	1.0889	20.5124	3.0705	1.03166
15600	4.6835	1.9060	1.0886	20.5546	3.0929	1.03337
15800	4.6956	1.9007	1.0881	20.6417	3.1403	1.03701
16000	4.7080	1.8953	1.0877	20.7322	3.1910	1.04094
16200	4.7207	1.8901	1.0873	20.8261	3.2450	1.04518

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
16400	4.7337	1.8849	1.0870	20.9237	3.3024	1.04973
16500	4.7402	1.8824	1.0869	20.9737	3.3323	1.05213
16600	4.7468	1.8798	1.0868	21.0246	3.3631	1.05461
16800	4.7602	1.8746	1.0866	21.1294	3.4272	1.05979
17000	4.7738	1.8695	1.0866	21.2375	3.4944	1.06525
17200	4.7876	1.8643	1.0868	21.3490	3.5648	1.07098
17400	4.8014	1.8591	1.0873	21.4632	3.6377	1.07683
17500	4.8083	1.8564	1.0879	21.5211	3.6747	1.07970
17600	4.8151	1.8535	1.0889	21.5788	3.7115	1.08235
17800	4.8307	1.8505	1.0841	21.7159	3.8047	1.09292
18000	4.8451	1.8457	1.0838	21.8432	3.8888	1.10051
18200	4.8595	1.8411	1.0836	21.9733	3.9756	1.10847
18400	4.8739	1.8364	1.0833	22.1067	4.0650	1.11678
18500	4.8811	1.8341	1.0832	22.1743	4.1105	1.12106
18600	4.8883	1.8318	1.0831	22.2426	4.1566	1.12542
18800	4.9026	1.8273	1.0829	22.3811	4.2502	1.13437
19000	4.9168	1.8226	1.0828	22.5219	4.3455	1.14359
19200	4.9309	1.8182	1.0828	22.6644	4.4421	1.15308
19400	4.9448	1.8137	1.0828	22.8087	4.5399	1.16278
19500	4.9518	1.8114	1.0828	22.8814	4.5891	1.16771
19600	4.9586	1.8092	1.0829	22.9543	4.6385	1.17267
19800	4.9722	1.8046	1.0831	23.1012	4.7376	1.18271
20000	4.9856	1.8001	1.0835	23.2486	4.8370	1.19287
20500	5.0180	1.7887	1.0852	23.6187	5.0848	1.21850
21000	5.0488	1.7770	1.0883	23.9877	5.3286	1.24394
21500	5.0779	1.7646	1.0934	24.3526	5.5654	1.26856
22000	5.1053	1.7514	1.1011	24.7109	5.7932	1.29163
22500	5.1311	1.7363	1.1131	25.0611	6.0105	1.31192
23000	5.1553	1.7172	1.1345	25.4029	6.2176	1.32616
23500	5.1782	1.7192	1.1112	25.7351	6.4134	1.36809
24000	5.1994	1.7068	1.1196	26.0526	6.5940	1.38921
24500	5.2193	1.6942	1.1291	26.3587	6.7623	1.40915
25000	5.2380	1.6815	1.1393	26.6535	6.9189	1.42797
25500	5.2556	1.6688	1.1501	26.9371	7.0642	1.44578
26000	5.2722	1.6561	1.1615	27.2105	7.1990	1.46268
26500	5.2880	1.6435	1.1732	27.4734	7.3238	1.47882
27000	5.3029	1.6309	1.1852	27.7271	7.4396	1.49429
27500	5.3171	1.6184	1.1974	27.9723	7.5472	1.50920
28000	5.3307	1.6061	1.2097	28.2097	7.6477	1.52369
28500	5.3437	1.5941	1.2220	28.4396	7.7416	1.53785
29000	5.3562	1.5822	1.2343	28.6635	7.8303	1.55180
29500	5.3682	1.5704	1.2466	28.8821	7.9145	1.56561
30000	5.3800	1.5588	1.2590	29.0965	7.9952	1.57938
30500	5.3914	1.5473	1.2713	29.3073	8.0733	1.59318
31000	5.4025	1.5360	1.2836	29.5155	8.1496	1.60711
31500	5.4134	1.5248	1.2960	29.7218	8.2249	1.62122
32000	5.4242	1.5138	1.3083	29.9266	8.2998	1.63560
32500	5.4349	1.5028	1.3208	30.1311	8.3751	1.65025
33000	5.4454	1.4920	1.3335	30.3356	8.4512	1.66525
33500	5.4559	1.4812	1.3462	30.5405	8.5286	1.68067
34000	5.4664	1.4705	1.3592	30.7469	8.6082	1.69650
34500	5.4768	1.4598	1.3724	30.9548	8.6899	1.71275
35000	5.4873	1.4490	1.3860	31.1649	8.7742	1.72949

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5400	4.1815	2.3942	1.2866	17.0932	2.8126	1.00000
5500	4.1888	2.3878	1.2820	17.1403	2.8080	1.00000
5600	4.1959	2.3815	1.2774	17.1864	2.8036	1.00000
5800	4.2098	2.3692	1.2688	17.2764	2.7952	1.00000
6000	4.2233	2.3573	1.2607	17.3628	2.7872	1.00000
6200	4.2364	2.3457	1.2529	17.4465	2.7796	1.00000
6400	4.2490	2.3345	1.2456	17.5274	2.7722	1.00000
6500	4.2552	2.3290	1.2422	17.5666	2.7687	1.00000
6600	4.2613	2.3235	1.2387	17.6056	2.7653	1.00000
6800	4.2732	2.3129	1.2322	17.6814	2.7588	1.00001
7000	4.2848	2.3025	1.2259	17.7550	2.7524	1.00001
7200	4.2961	2.2924	1.2200	17.8265	2.7464	1.00001
7400	4.3071	2.2825	1.2143	17.8960	2.7408	1.00002
7500	4.3125	2.2776	1.2116	17.9300	2.7380	1.00002
7600	4.3178	2.2729	1.2089	17.9635	2.7353	1.00002
7800	4.3283	2.2634	1.2037	18.0295	2.7301	1.00003
8000	4.3385	2.2542	1.1988	18.0936	2.7253	1.00004
8200	4.3485	2.2452	1.1941	18.1562	2.7206	1.00006
8400	4.3583	2.2363	1.1896	18.2175	2.7163	1.00008
8500	4.3631	2.2320	1.1874	18.2475	2.7143	1.00009
8600	4.3678	2.2277	1.1853	18.2773	2.7122	1.00010
8800	4.3772	2.2192	1.1811	18.3358	2.7085	1.00013
9000	4.3864	2.2110	1.1772	18.3931	2.7051	1.00017
9200	4.3955	2.2028	1.1733	18.4495	2.7019	1.00021
9400	4.4043	2.1948	1.1697	18.5047	2.6991	1.00027
9500	4.4087	2.1909	1.1679	18.5320	2.6978	1.00030
9600	4.4131	2.1870	1.1661	18.5591	2.6966	1.00034
9800	4.4217	2.1792	1.1627	18.6127	2.6946	1.00042
10000	4.4302	2.1717	1.1595	18.6655	2.6929	1.00052
10200	4.4386	2.1643	1.1563	18.7176	2.6917	1.00064
10400	4.4469	2.1570	1.1533	18.7691	2.6910	1.00079
10500	4.4511	2.1534	1.1518	18.7947	2.6909	1.00087
10600	4.4552	2.1498	1.1504	18.8202	2.6909	1.00095
10800	4.4634	2.1427	1.1476	18.8710	2.6913	1.00114
11000	4.4715	2.1358	1.1449	18.9214	2.6923	1.00138
11200	4.4796	2.1290	1.1423	18.9716	2.6942	1.00165
11400	4.4877	2.1223	1.1398	19.0219	2.6967	1.00196
11500	4.4918	2.1189	1.1386	19.0470	2.6982	1.00213
11600	4.4958	2.1156	1.1374	19.0722	2.7001	1.00232
11800	4.5040	2.1091	1.1351	19.1229	2.7044	1.00273
12000	4.5121	2.1026	1.1328	19.1736	2.7097	1.00321
12200	4.5203	2.0963	1.1307	19.2250	2.7162	1.00376
12400	4.5286	2.0900	1.1286	19.2768	2.7238	1.00438
12500	4.5328	2.0869	1.1276	19.3030	2.7282	1.00472
12600	4.5370	2.0838	1.1266	19.3295	2.7328	1.00509
12800	4.5455	2.0777	1.1247	19.3829	2.7432	1.00589
13000	4.5541	2.0717	1.1228	19.4375	2.7551	1.00679
13200	4.5628	2.0658	1.1211	19.4931	2.7686	1.00780
13400	4.5718	2.0599	1.1194	19.5501	2.7839	1.00895
13500	4.5763	2.0570	1.1185	19.5791	2.7923	1.00957
13600	4.5809	2.0541	1.1177	19.6087	2.8012	1.01022
13800	4.5902	2.0484	1.1161	19.6691	2.8204	1.01165
14000	4.5997	2.0427	1.1146	19.7312	2.8418	1.01324
14200	4.6095	2.0371	1.1132	19.7955	2.8656	1.01501
14400	4.6195	2.0316	1.1118	19.8618	2.8918	1.01697

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	4.6246	2.0289	1.1111	19.8959	2.9058	1.01803
14600	4.6298	2.0261	1.1104	19.9307	2.9206	1.01913
14800	4.6404	2.0207	1.1091	20.0022	2.9521	1.02152
15000	4.6512	2.0155	1.1079	20.0761	2.9864	1.02413
15200	4.6626	2.0103	1.1063	20.1547	3.0250	1.02726
15400	4.6740	2.0051	1.1051	20.2352	3.0655	1.03046
15500	4.6799	2.0025	1.1044	20.2767	3.0871	1.03217
15600	4.6858	2.0000	1.1038	20.3188	3.1095	1.03396
15800	4.6979	1.9949	1.1026	20.4060	3.1567	1.03777
16000	4.7102	1.9899	1.1014	20.4966	3.2072	1.04190
16200	4.7229	1.9850	1.1002	20.5908	3.2612	1.04639
16400	4.7358	1.9801	1.0990	20.6886	3.3187	1.05122
16500	4.7424	1.9777	1.0984	20.7389	3.3488	1.05377
16600	4.7490	1.9754	1.0979	20.7900	3.3797	1.05641
16800	4.7624	1.9706	1.0967	20.8952	3.4440	1.06195
17000	4.7759	1.9659	1.0957	21.0037	3.5115	1.06780
17200	4.7897	1.9612	1.0948	21.1155	3.5820	1.07392
17400	4.8034	1.9563	1.0944	21.2297	3.6548	1.08009
17500	4.8102	1.9537	1.0946	21.2873	3.6914	1.08305
17600	4.8169	1.9509	1.0954	21.3441	3.7274	1.08566
17800	4.8330	1.9489	1.0881	21.4858	3.8246	1.09778
18000	4.8474	1.9448	1.0862	21.6145	3.9099	1.10621
18200	4.8619	1.9408	1.0842	21.7461	3.9979	1.11511
18400	4.8764	1.9369	1.0821	21.8809	4.0885	1.12445
18500	4.8836	1.9350	1.0810	21.9492	4.1345	1.12928
18600	4.8908	1.9331	1.0799	22.0182	4.1812	1.13421
18800	4.9052	1.9294	1.0775	22.1581	4.2757	1.14440
19000	4.9194	1.9258	1.0750	22.3000	4.3719	1.15497
19200	4.9335	1.9224	1.0724	22.4435	4.4692	1.16590
19400	4.9475	1.9189	1.0698	22.5885	4.5672	1.17713
19500	4.9543	1.9173	1.0684	22.6613	4.6165	1.18286
19600	4.9612	1.9156	1.0670	22.7344	4.6658	1.18866
19800	4.9747	1.9123	1.0642	22.8811	4.7645	1.20043
20000	4.9879	1.9092	1.0614	23.0278	4.8629	1.21238
20500	5.0198	1.9015	1.0542	23.3936	5.1059	1.24287
21000	5.0499	1.8940	1.0473	23.7545	5.3411	1.27360
21500	5.0780	1.8867	1.0409	24.1072	5.5657	1.30410
22000	5.1042	1.8795	1.0348	24.4495	5.7780	1.33410
22500	5.1287	1.8730	1.0281	24.7802	5.9771	1.36400
23000	5.1515	1.8695	1.0161	25.0976	6.1624	1.39644
25500	5.2479	1.7885	1.0990	26.5533	6.9405	1.46318
26000	5.2642	1.7764	1.1085	26.8162	7.0670	1.47938
26500	5.2797	1.7642	1.1185	27.0701	7.1851	1.49478
27000	5.2944	1.7521	1.1290	27.3160	7.2955	1.50952
27500	5.3085	1.7400	1.1398	27.5544	7.3989	1.52373
28000	5.3220	1.7280	1.1507	27.7860	7.4960	1.53755
28500	5.3349	1.7163	1.1617	28.0110	7.5875	1.55112
29000	5.3474	1.7047	1.1728	28.2302	7.6742	1.56452
29500	5.3595	1.6932	1.1838	28.4449	7.7569	1.57788
30000	5.3712	1.6818	1.1949	28.6555	7.8365	1.59125
30500	5.3827	1.6707	1.2059	28.8625	7.9133	1.60472
31000	5.3938	1.6596	1.2170	29.0670	7.9885	1.61836
31500	5.4048	1.6487	1.2281	29.2696	8.0625	1.63218
32000	5.4156	1.6379	1.2393	29.4701	8.1358	1.64625
32500	5.4262	1.6271	1.2508	29.6702	8.2093	1.66053

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
33000	5.4367	1.6164	1.2625	29.8700	8.2833	1.67504
33500	5.4471	1.6057	1.2746	30.0694	8.3579	1.68972
34000	5.4575	1.5947	1.2875	30.2698	8.4342	1.70444
34500	5.4679	1.5834	1.3015	30.4716	8.5123	1.71897
35000	5.4782	1.5717	1.3170	30.6747	8.5924	1.73300

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	4.2817	2.3960	1.2810	17.4468	2.8133	1.00001
7000	4.2932	2.3859	1.2737	17.5208	2.8058	1.00001
7200	4.3043	2.3761	1.2667	17.5927	2.7988	1.00001
7400	4.3152	2.3665	1.2600	17.6626	2.7920	1.00002
7500	4.3205	2.3617	1.2568	17.6968	2.7887	1.00002
7600	4.3257	2.3571	1.2536	17.7305	2.7856	1.00002
7800	4.3361	2.3479	1.2475	17.7967	2.7794	1.00003
8000	4.3461	2.3390	1.2417	17.8611	2.7737	1.00005
8200	4.3560	2.3302	1.2361	17.9240	2.7681	1.00006
8400	4.3656	2.3216	1.2307	17.9855	2.7629	1.00008
8500	4.3704	2.3174	1.2282	18.0156	2.7605	1.00009
8600	4.3751	2.3132	1.2256	18.0455	2.7580	1.00010
8800	4.3844	2.3050	1.2207	18.1042	2.7534	1.00013
9000	4.3934	2.2969	1.2160	18.1617	2.7492	1.00017
9200	4.4024	2.2890	1.2114	18.2183	2.7453	1.00021
9400	4.4111	2.2812	1.2070	18.2737	2.7416	1.00027
9500	4.4155	2.2774	1.2049	18.3010	2.7400	1.00031
9600	4.4198	2.2736	1.2028	18.3283	2.7385	1.00034
9800	4.4283	2.2661	1.1987	18.3819	2.7357	1.00042
10000	4.4367	2.2587	1.1948	18.4349	2.7334	1.00052
10200	4.4450	2.2515	1.1910	18.4871	2.7314	1.00065
10400	4.4532	2.2444	1.1874	18.5387	2.7300	1.00080
10500	4.4573	2.2409	1.1856	18.5644	2.7296	1.00088
10600	4.4614	2.2374	1.1839	18.5897	2.7293	1.00096
10800	4.4694	2.2305	1.1805	18.6407	2.7290	1.00115
11000	4.4775	2.2237	1.1772	18.6912	2.7294	1.00140
11200	4.4855	2.2171	1.1740	18.7414	2.7306	1.00167
11400	4.4935	2.2106	1.1710	18.7917	2.7325	1.00197
11500	4.4975	2.2073	1.1695	18.8168	2.7337	1.00215
11600	4.5015	2.2041	1.1680	18.8420	2.7353	1.00234
11800	4.5095	2.1977	1.1651	18.8927	2.7390	1.00276
12000	4.5175	2.1915	1.1624	18.9434	2.7437	1.00324
12200	4.5256	2.1853	1.1597	18.9947	2.7495	1.00379
12400	4.5338	2.1792	1.1571	19.0465	2.7566	1.00443
12500	4.5379	2.1762	1.1558	19.0727	2.7606	1.00477
12600	4.5421	2.1732	1.1546	19.0992	2.7650	1.00514
12800	4.5504	2.1673	1.1521	19.1524	2.7748	1.00596
13000	4.5589	2.1614	1.1497	19.2070	2.7861	1.00688
13200	4.5676	2.1557	1.1474	19.2626	2.7992	1.00791
13400	4.5764	2.1500	1.1452	19.3196	2.8139	1.00909
13500	4.5809	2.1472	1.1441	19.3486	2.8221	1.00972
13600	4.5854	2.1444	1.1430	19.3781	2.8307	1.01040
13800	4.5946	2.1388	1.1409	19.4384	2.8495	1.01186
14000	4.6041	2.1334	1.1388	19.5004	2.8705	1.01350
14200	4.6138	2.1280	1.1368	19.5646	2.8938	1.01532
14400	4.6237	2.1227	1.1349	19.6309	2.9195	1.01732

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	4.6287	2.1201	1.1339	19.6649	2.9333	1.01840
14600	4.6338	2.1174	1.1330	19.6996	2.9478	1.01951
14800	4.6443	2.1122	1.1313	19.7706	2.9785	1.02188
15000	4.6548	2.1069	1.1299	19.8431	3.0112	1.02431
15200	4.6668	2.1025	1.1263	19.9274	3.0546	1.02849
15400	4.6783	2.0977	1.1242	20.0090	3.0959	1.03200
15500	4.6842	2.0953	1.1231	20.0512	3.1179	1.03388
15600	4.6902	2.0929	1.1220	20.0941	3.1409	1.03586
15800	4.7024	2.0883	1.1197	20.1831	3.1895	1.04012
16000	4.7149	2.0837	1.1173	20.2760	3.2418	1.04480
16200	4.7278	2.0792	1.1148	20.3730	3.2980	1.04997
16400	4.7410	2.0750	1.1120	20.4741	3.3584	1.05564
16500	4.7477	2.0729	1.1106	20.5265	3.3901	1.05868
16600	4.7545	2.0709	1.1090	20.5798	3.4229	1.06188
16800	4.7684	2.0670	1.1057	20.6902	3.4917	1.06874
17000	4.7825	2.0634	1.1020	20.8054	3.5651	1.07633
17200	4.7970	2.0601	1.0976	20.9258	3.6433	1.08481
17400	4.8120	2.0573	1.0920	21.0529	3.7275	1.09453
17500	4.8197	2.0563	1.0883	21.1198	3.7726	1.10016
17600	4.8277	2.0559	1.0833	21.1903	3.8213	1.10680
31000	5.3853	1.7985	1.1122	28.6395	7.8331	1.66314
31500	5.3963	1.7895	1.1179	28.8393	7.9067	1.67996
32000	5.4071	1.7807	1.1230	29.0376	7.9793	1.69757
32500	5.4178	1.7726	1.1271	29.2341	8.0513	1.71626
33000	5.4282	1.7649	1.1303	29.4299	8.1233	1.73608
33500	5.4386	1.7578	1.1325	29.6249	8.1953	1.75712
34000	5.4488	1.7514	1.1332	29.8190	8.2674	1.77978
34500	5.4590	1.7457	1.1320	30.0127	8.3396	1.80432
35000	5.4690	1.7415	1.1279	30.2052	8.4117	1.83148

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8600	4.3836	2.3966	1.2733	17.8122	2.8123	1.00011
8800	4.3927	2.3886	1.2675	17.8712	2.8067	1.00014
9000	4.4016	2.3808	1.2619	17.9292	2.8016	1.00018
9200	4.4104	2.3731	1.2565	17.9859	2.7968	1.00023
9400	4.4191	2.3656	1.2513	18.0416	2.7923	1.00028
9500	4.4234	2.3619	1.2488	18.0690	2.7903	1.00032
9600	4.4276	2.3581	1.2463	18.0964	2.7884	1.00036
9800	4.4360	2.3509	1.2415	18.1502	2.7848	1.00044
10000	4.4443	2.3437	1.2368	18.2033	2.7817	1.00055
10200	4.4525	2.3367	1.2323	18.2558	2.7790	1.00067
10400	4.4606	2.3298	1.2280	18.3076	2.7769	1.00082
10500	4.4646	2.3264	1.2259	18.3333	2.7761	1.00091
10600	4.4686	2.3231	1.2238	18.3587	2.7754	1.00099
10800	4.4766	2.3163	1.2197	18.4100	2.7745	1.00120
11000	4.4845	2.3098	1.2158	18.4605	2.7742	1.00144
11200	4.4924	2.3033	1.2120	18.5110	2.7748	1.00172
11400	4.5003	2.2970	1.2083	18.5614	2.7760	1.00204
11500	4.5043	2.2939	1.2065	18.5867	2.7770	1.00223
11600	4.5082	2.2907	1.2047	18.6120	2.7783	1.00242
11800	4.5161	2.2845	1.2012	18.6627	2.7814	1.00286
12000	4.5241	2.2785	1.1978	18.7136	2.7856	1.00336
12200	4.5321	2.2725	1.1945	18.7651	2.7909	1.00394

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12400	4.5402	2.2666	1.1913	18.8171	2.7975	1.00461
12500	4.5443	2.2637	1.1897	18.8435	2.8013	1.00497
12600	4.5484	2.2608	1.1881	18.8700	2.8055	1.00536
12800	4.5567	2.2551	1.1851	18.9236	2.8150	1.00622
13000	4.5651	2.2494	1.1820	18.9786	2.8261	1.00720
13200	4.5737	2.2439	1.1791	19.0346	2.8389	1.00831
13400	4.5825	2.2384	1.1762	19.0921	2.8536	1.00957
13500	4.5870	2.2357	1.1747	19.1214	2.8616	1.01026
13600	4.5915	2.2330	1.1733	19.1513	2.8703	1.01099
13800	4.6007	2.2277	1.1704	19.2123	2.8893	1.01259
14000	4.6101	2.2226	1.1676	19.2753	2.9107	1.01439
14200	4.6198	2.2175	1.1648	19.3406	2.9345	1.01643
14400	4.6298	2.2125	1.1619	19.4084	2.9612	1.01870
14500	4.6349	2.2100	1.1605	19.4433	2.9756	1.01994
14600	4.6401	2.2075	1.1591	19.4790	2.9907	1.02124
14800	4.6507	2.2027	1.1562	19.5525	3.0233	1.02407
15000	4.6617	2.1980	1.1533	19.6288	3.0589	1.02719
15200	4.6731	2.1934	1.1501	19.7097	3.0989	1.03085
15400	4.6848	2.1890	1.1468	19.7940	3.1425	1.03489
15500	4.6908	2.1869	1.1450	19.8378	3.1658	1.03709
15600	4.6969	2.1848	1.1432	19.8827	3.1902	1.03942
15800	4.7095	2.1807	1.1394	19.9757	3.2423	1.04450
16000	4.7225	2.1768	1.1352	20.0736	3.2990	1.05022
16200	4.7359	2.1732	1.1306	20.1768	3.3607	1.05667
16400	4.7499	2.1699	1.1253	20.2857	3.4278	1.06398
16500	4.7570	2.1684	1.1224	20.3425	3.4637	1.06801
16600	4.7643	2.1670	1.1192	20.4010	3.5010	1.07232
16800	4.7793	2.1646	1.1119	20.5235	3.5810	1.08197
17000	4.7950	2.1630	1.1028	20.6547	3.6690	1.09336
17200	4.8116	2.1628	1.0908	20.7971	3.7677	1.10731
17400	4.8297	2.1648	1.0732	20.9571	3.8831	1.12572
17500	4.8399	2.1678	1.0600	21.0488	3.9524	1.13822
17600	4.8517	2.1737	1.0399	21.1570	4.0384	1.15560

LOG P= 4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11000	4.4929	2.3938	1.2614	18.2292	2.8280	1.00153
11200	4.5007	2.3875	1.2569	18.2801	2.8278	1.00183
11400	4.5085	2.3814	1.2525	18.3307	2.8285	1.00217
11500	4.5124	2.3783	1.2503	18.3563	2.8292	1.00237
11600	4.5163	2.3753	1.2481	18.3817	2.8302	1.00258
11800	4.5241	2.3693	1.2439	18.4328	2.8329	1.00305
12000	4.5320	2.3635	1.2398	18.4841	2.8366	1.00359
12200	4.5399	2.3578	1.2358	18.5360	2.8416	1.00421
12400	4.5479	2.3521	1.2319	18.5887	2.8479	1.00494
12500	4.5520	2.3492	1.2299	18.6153	2.8516	1.00534
12600	4.5561	2.3465	1.2280	18.6421	2.8557	1.00576
12800	4.5644	2.3410	1.2242	18.6965	2.8651	1.00671
13000	4.5728	2.3356	1.2204	18.7523	2.8763	1.00781
13200	4.5814	2.3303	1.2166	18.8094	2.8894	1.00906
13400	4.5902	2.3251	1.2129	19.8682	2.9046	1.01049
13500	4.5947	2.3226	1.2110	18.8982	2.9130	1.01128
13600	4.5992	2.3200	1.2091	18.9289	2.9221	1.01213
13800	4.6085	2.3151	1.2053	18.9918	2.9421	1.01401

LOG P= 4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14000	4.6182	2.3102	1.2014	19.0572	2.9651	1.01617
14200	4.6281	2.3056	1.1973	19.1255	2.9912	1.01866
14400	4.6385	2.3010	1.1930	19.1973	3.0208	1.02156
14500	4.6439	2.2988	1.1908	19.2346	3.0372	1.02319
14600	4.6493	2.2967	1.1884	19.2732	3.0547	1.02497
14800	4.6607	2.2927	1.1831	19.3543	3.0937	1.02909
15000	4.6731	2.2893	1.1764	19.4435	3.1407	1.03448

LOG P= 4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14000	4.6285	2.3962	1.2405	18.8477	3.0367	1.01905
14200	4.6390	2.3922	1.2347	18.9213	3.0672	1.02235
14400	4.6502	2.3884	1.2282	19.0004	3.1031	1.02637
14500	4.6560	2.3866	1.2246	19.0423	3.1234	1.02871
14600	4.6621	2.3850	1.2207	19.0863	3.1458	1.03136
14800	4.6752	2.3825	1.2112	19.1823	3.1983	1.03796
15000	4.6906	2.3817	1.1972	19.2974	3.2698	1.04789

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13. ABSTRACT

Equilibrium thermodynamic data are presented for argon from
a log P of -6.9 to 4.2 and from a temperature of 300 to 35,000°K,
where P is pressure in atmospheres. These data are tabulated at
constant pressure with temperature incremented. The dependent
parameters are log H/R, log ρ, Z, S/R, H/RT, and Z^*. Several
sources were used in assembling the data.

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