AEDC-TR-69-89
VOLUME IV

ARCHIVE COPY
DO NOT LOAN

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF AIR
VOLUME IV. CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA

Herbert S. Brahinsky and Charles A. Neel
ARO, Inc.

April 1969

This document has been approved for public release and sale; its distribution is unlimited.

AEDC TECHNICAL LIBRARY
5 0720 00031 9659

VON KÁRMÁN GAS DYNAMICS FACILITY
ARNOLD ENGINEERING DEVELOPMENT CENTER
AIR FORCE SYSTEMS COMMAND
ARNOLD AIR FORCE STATION, TENNESSEE

PROPERTY OF U. S. AIR FORCE
AEDC LIBRARY
F40600 - 69 - C - 0001

NOTICES

When U. S. Government drawings specifications, or other data are used for any purpose other than a definitely related Government procurement operation, the Government thereby incurs no responsibility nor any obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data, is not to be regarded by implication or otherwise, or in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

Qualified users may obtain copies of this report from the Defense Documentation Center.

References to named commercial products in this report are not to be considered in any sense as an endorsement of the product by the United States Air Force or the Government.

AEDC-TR-69-89
VOLUME IV

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF AIR
VOLUME IV. CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA

Herbert S. Brahinsky and Charles A. Neel
ARO, Inc.

This document has been approved for public release and sale; its distribution is unlimited.

FOREWORD

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F.

The tabulations were made by ARO, Inc. (a subsidiary of Sverdrup & Parcel and Associates, Inc.), contract operator of AEDC under Contract F40600-69-C-0001. They were made between January 1966 and January 1968 under ARO Project No. VJ3921, and the manuscript was submitted for publication on March 14, 1969.

This technical report has been reviewed and is approved.

Elmer E. Goins
Captain, USAF
Technical Facility
Development Division
Directorate of Plans
and Technology

Edward R. Feicht
Colonel, USAF
Director of Plans
and Technology

ABSTRACT

Equilibrium thermodynamic data are presented for air from a temperature of 100 to 15,000°K and from a log ρ of -7.0 to 3.0, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA. Several sources were used in assembling the data.

CONTENTS

	Page
ABSTRACT	iii
NOMENCLATURE	v
CONSTANTS FOR USE WITH AIR TABLES	vi
DISCUSSION	vii
REFERENCES	vii

TABLE I

THERMODYNAMIC DATA AT CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA FOR AIR ix

NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and 1 atm (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 1 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 AIR TABLES

T_o = 273.15°K

Gravitational Constant = 32.174 ft/sec^2

1 Btu = 778.158 ft-lb

1 gm-cal = 42,698.8 gm-cm

1 gm/cm^3 = 62.4283 lb/ft^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 = 1.4 for AA calculation

AA = 1087.334 ft/sec

= 331.419 m/sec

Molecular Weight = 28.967

R = 1.98726 gm-cal/gm-mole °K
or Btu/lb-mole °R

= 6.86043 x 10^{-2} gm-cal/gm °K
or Btu/lb °R

= 3091.694 ft^2/sec^2 °K

= 1717.608 ft^2/sec^2 °R

= 3.66099 x 10^{-3} atm/amagat °K

ρ_o = 1.0 amagat

= 4.45848 x 10^{-5} gm-mole/cm^3

= 1.29149 x 10^{-3} gm/cm^3

= 8.06254 x 10^{-2} lb/ft^3

= 2.50592 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 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 and Klein (Ref. 1) for air. 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 P, and Z*. These data include dissociation, ionization, and second virial corrections. The data of Humphrey and Neel (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. The data of Grabau and Brahinsky (Ref. 4) extrapolated the existing data to high densities for the midrange of temperatures, and these data are also in the same format as the NBS data. However, it is desirable to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density. For example, interpolations at constant pressure (Ref. 5) and constant entropy (Ref. 6) 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. 7).

Table I presents these data from 100 to 15,000°K in increments of 100 deg over a varying density range between a log ρ of -7.0 and a log ρ of 3.0 in increments of 0.2 in log ρ, where density is in amagats. Each set of data is at a constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA in that order. Constants for reducing the data to various dimensional units are found in the nomenclature.

REFERENCES

1. Hilsenrath, J. and Klein, M. "Tables of Thermodynamic Properties of Air in Chemical Equilibrium Including Second Virial Corrections from 1500°K to 15,000°K." AEDC-TR-65-58 (AD612301), March 1965.

2. Humphrey, R. L. and Neel, C. A. "Tables of Thermodynamic Properties of Air from 90 to 1500°K. AEDC-TN-61-103 (AD262692), August 1961.

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

4. Grabau, M. and Brahinsky, H. S. "Thermodynamic Properties of Air from 300 to 6000°K and from 1 to 1000 Amagats." AEDC-TR-66-247 (AD646172), January 1967.

5. Neel, C. A. and Lewis, C. H. "Interpolations of Imperfect Air Thermodynamic Data, II. At Constant Pressure." AEDC-TDR-64-184 (AD446386), September 1964.

6. Neel, C. A. and Lewis, C. H. "Interpolations of Imperfect Air Thermodynamic Data, I. At Constant Entropy." AEDC-TDR-64-183 (AD605471), September 1964.

7. 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 TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA FOR AIR

T= 100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-7.4364	1.0000	0.0	2.4862	0.0	0.0	0.0
-6.80	-7.2364	1.0000	0.0	2.4862	0.0	1.4015	0.6054
-6.60	-7.0364	1.0000	0.0	2.4862	0.0	1.4015	0.6054
-6.40	-6.8364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-6.20	-6.6364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-6.00	-6.4364	1.0000	3.4918	2.4862	1.4045	1.4018	0.6054
-5.80	-6.2364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-5.60	-6.0364	1.0000	3.4918	2.4862	1.4045	1.4018	0.6054
-5.40	-5.8364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-5.20	-5.6364	1.0000	3.4918	2.4862	1.4045	1.4018	0.6054
-5.00	-5.4364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-4.80	-5.2364	1.0000	3.4918	2.4862	1.4045	1.4018	0.6054
-4.60	-5.0364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-4.40	-4.8364	1.0000	3.4918	2.4862	1.4045	1.4018	0.6054
-4.20	-4.6364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-4.00	-4.4364	1.0000	3.4918	2.4862	1.4045	1.4018	0.6054
-3.80	-4.2364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-3.60	-4.0364	1.0000	3.4918	2.4862	1.4045	1.4015	0.6054
-3.40	-3.8364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-3.20	-3.6364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-3.00	-3.4364	1.0000	3.4918	2.4862	1.4045	1.4016	0.6054
-2.80	-3.2364	1.0000	3.4918	2.4862	1.4045	1.4015	0.6054
-2.60	-3.0364	1.0000	3.4918	2.4862	1.4045	1.4020	0.6055
-2.40	-2.8364	1.0000	3.4918	2.4862	1.4045	1.4021	0.6055
-2.20	-2.6364	1.0000	3.4918	2.4862	1.4045	1.4023	0.6055
-2.00	-2.4364	1.0000	3.4918	2.4862	1.4045	1.4024	0.6056
-1.80	-2.2364	1.0000	3.4918	2.4862	1.4045	1.4027	0.6056
-1.60	-2.0364	0.9999	3.4918	2.4861	1.4045	1.4027	0.6056
-1.40	-1.8364	0.9995	3.4924	2.4860	1.4049	1.4023	0.6054
-1.20	-1.6365	0.9992	3.4930	2.4859	1.4051	1.4021	0.6053
-1.00	-1.4366	0.9989	3.4936	2.4858	1.4054	1.4019	0.6051
-0.80	-1.2368	0.9985	3.4942	2.4855	1.4058	1.4017	0.6050
-0.60	-1.0369	0.9982	3.4948	2.4850	1.4063	1.4017	0.6049
-0.40	-0.8376	0.9966	3.4979	2.4844	1.4079	1.4023	0.6045
-0.20	-0.6384	0.9947	3.5014	2.4835	1.4099	1.4024	0.6040
0.0	-0.4392	0.9929	3.5044	2.4816	1.4121	1.4025	0.6034
0.20	-0.2410	0.9888	3.5146	2.4774	1.4187	1.4028	0.6022
0.40	-0.0445	0.9814	3.5617	2.4734	1.4400	1.3977	0.5989
0.60	0.1496	0.9684	3.5954	2.4677	1.4570	1.3992	0.5953
0.80	0.3423	0.9521	3.6204	2.4575	1.4732	1.4046	0.5914
1.00	0.5290	0.9236	0.0	2.4421	0.0	0.0	0.0

T= 200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-7.1354	1.0000	0.0	2.4947	0.0	0.0	0.0
-6.80	-6.9354	1.0000	3.4928	2.4947	1.4001	1.4010	0.8560
-6.60	-6.7354	1.0000	3.4933	2.4947	1.4003	1.4007	0.8559
-6.40	-6.5354	1.0000	3.4933	2.4947	1.4003	1.4010	0.8560
-6.20	-6.3354	1.0000	3.4933	2.4947	1.4003	1.4013	0.8561
-6.00	-6.1354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-5.80	-5.9354	1.0000	3.4933	2.4947	1.4003	1.4013	0.8561
-5.60	-5.7354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-5.40	-5.5354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-5.20	-5.3354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561

T= 200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-5.1354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-4.80	-4.9354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-4.60	-4.7354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-4.40	-4.5354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-4.20	-4.3354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-4.00	-4.1354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-3.80	-3.9354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-3.60	-3.7354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-3.40	-3.5354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-3.20	-3.3354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-3.00	-3.1354	1.0000	3.4933	2.4947	1.4003	1.4013	0.8561
-2.80	-2.9354	1.0000	3.4933	2.4947	1.4003	1.4013	0.8561
-2.60	-2.7354	1.0000	3.4933	2.4947	1.4003	1.4014	0.8561
-2.40	-2.5354	1.0000	3.4933	2.4947	1.4003	1.4015	0.8561
-2.20	-2.3354	1.0000	3.4933	2.4947	1.4003	1.4016	0.8562
-2.00	-2.1354	1.0000	3.4933	2.4947	1.4003	1.4016	0.8562
-1.80	-1.9351	1.0000	3.4935	2.4947	1.4004	1.4015	0.8562
-1.60	-1.7352	0.9999	3.4939	2.4945	1.4007	1.4016	0.8561
-1.40	-1.5352	0.9999	3.4943	2.4947	1.4007	1.4016	0.8561
-1.20	-1.3352	0.9998	3.4947	2.4951	1.4006	1.4015	0.8561
-1.00	-1.1352	0.9998	3.4949	2.4954	1.4005	1.4017	0.8561
-0.80	-0.9352	0.9997	3.4960	2.4955	1.4009	1.4017	0.8561
-0.60	-0.7353	0.9995	3.4981	2.4953	1.4019	1.4014	0.8559
-0.40	-0.5354	0.9992	3.5002	2.4973	1.4016	1.4012	0.8557
-0.20	-0.3356	0.9989	3.5023	2.4993	1.4013	1.4013	0.8556
0.0	-0.1359	0.9983	3.5200	2.5000	1.4080	1.4014	0.8554
0.20	0.0636	0.9977	3.5462	2.5021	1.4173	1.4027	0.8555
0.40	0.2629	0.9961	3.5628	2.5441	1.4004	1.4037	0.8551
0.60	0.4619	0.9937	3.5894	2.5636	1.4001	1.4049	0.8545
0.80	0.6601	0.9896	3.5282	2.5682	1.3738	1.4069	0.8533
1.00	0.8574	0.9835	3.5581	2.5904	1.3736	1.4092	0.8514
1.20	1.0530	0.9735	3.5991	0.0	0.0	1.4118	0.8478
1.40	1.2463	0.9587	3.6632	0.0	0.0	1.4227	0.8446
1.60	1.4363	0.9368	3.7650	0.0	0.0	1.4435	0.8410
1.80	1.6213	0.9051	3.9299	0.0	0.0	1.6053	0.8717
2.00	1.8005	0.8628	4.1990	0.0	0.0	1.7827	0.8968
2.20	1.9773	0.8178	4.6065	0.0	0.0	2.1820	0.9658
2.40	2.1711	0.8062	5.0849	0.0	0.0	2.9905	1.1229
2.60	2.4715	1.0161	0.0	0.0	0.0	0.0	0.0

T= 300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.9593	1.0000	0.0	2.5026	0.0	0.0	0.0
-6.80	-6.7593	1.0000	3.5048	2.5026	1.4005	1.3984	1.0474
-6.60	-6.5593	1.0000	3.5042	2.5026	1.4002	1.3985	1.0474
-6.40	-6.3593	1.0000	3.5042	2.5026	1.4002	1.3999	1.0480
-6.20	-6.1593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-6.00	-5.9593	1.0000	3.5042	2.5026	1.4002	1.3999	1.0480
-5.80	-5.7593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-5.60	-5.5593	1.0000	3.5042	2.5026	1.4002	1.3999	1.0479
-5.40	-5.3593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-5.20	-5.1593	1.0000	3.5042	2.5026	1.4002	1.3999	1.0480
-5.00	-4.9593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-4.80	-4.7593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479

T= 300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.5593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-4.40	-4.3593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-4.20	-4.1593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-4.00	-3.9593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-3.80	-3.7593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-3.60	-3.5593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-3.40	-3.3593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-3.20	-3.1593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-3.00	-2.9593	1.0000	3.5042	2.5026	1.4002	1.3998	1.0479
-2.80	-2.7593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-2.60	-2.5593	1.0000	3.5042	2.5026	1.4002	1.3997	1.0479
-2.40	-2.3593	1.0000	3.5042	2.5026	1.4002	1.3999	1.0480
-2.20	-2.1593	1.0000	3.5042	2.5026	1.4002	1.4001	1.0480
-2.00	-1.9590	1.0000	3.5042	2.5026	1.4002	1.4000	1.0480
-1.80	-1.7590	1.0000	3.5043	2.5026	1.4003	1.4001	1.0480
-1.60	-1.5590	1.0000	3.5044	2.5025	1.4004	1.3999	1.0479
-1.40	-1.3590	1.0000	3.5044	2.5026	1.4003	1.3995	1.0478
-1.20	-1.1590	1.0000	3.5046	2.5027	1.4003	1.3995	1.0478
-1.00	-0.9590	1.0000	3.5048	2.5026	1.4005	1.3996	1.0478
-0.80	-0.7590	0.9999	3.5054	2.5025	1.4007	1.3995	1.0478
-0.60	-0.5591	0.9999	3.5059	2.5027	1.4009	1.3995	1.0477
-0.40	-0.3591	0.9999	3.5066	2.5030	1.4010	1.3993	1.0477
-0.20	-0.1591	0.9998	3.5085	2.5031	1.4016	1.3996	1.0477
0.0	0.0406	0.9998	3.5114	2.5027	1.4030	1.4005	1.0481
0.20	0.2406	0.9998	3.5147	2.5074	1.4017	1.4018	1.0485
0.40	0.4398	0.9979	3.5206	2.5062	1.4047	1.4034	1.0483
0.60	0.6404	0.9992	3.5298	2.5049	1.4092	1.4055	1.0496
0.80	0.8401	0.9986	3.5460	2.5095	1.4130	1.4089	1.0506
1.00	1.0396	0.9975	3.5739	2.5146	1.4213	1.4148	1.0522
1.20	1.2389	0.9959	3.6168	2.5244	1.4327	1.4243	1.0549
1.40	1.4381	0.9939	3.6853	2.5371	1.4526	1.4406	1.0598
1.60	1.6372	0.9920	3.7986	2.5596	1.4840	1.4684	1.0690
1.80	1.8369	0.9912	3.9951	2.5924	1.5411	1.5167	1.0860
2.00	2.0393	0.9967	4.2909	2.6541	1.6167	1.6049	1.1202
2.20	2.2507	1.0233	4.5852	2.7510	1.6668	1.7720	1.1926
2.40	2.4918	1.1248	4.0136	2.8754	1.3959	2.1151	1.3660
2.60	2.8211	1.5150	3.7437	3.1715	1.1804	2.8831	1.8527
2.80	3.3638	3.3351	3.4970	0.0	0.0	4.6343	3.4821
3.00	4.1311	12.3147	0.0	0.0	0.0	0.0	0.0

T= 400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.8343	1.0000	0.0	2.5318	0.0	0.0	0.0
-6.80	-6.6343	1.0000	3.5362	2.5318	1.3967	1.3905	1.2060
-6.60	-6.4343	1.0000	3.5301	2.5318	1.3943	1.3953	1.2081
-6.40	-6.2343	1.0000	3.5304	2.5318	1.3944	1.3950	1.2079
-6.20	-6.0343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-6.00	-5.8343	1.0000	3.5304	2.5318	1.3944	1.3950	1.2079
-5.80	-5.6343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-5.60	-5.4343	1.0000	3.5304	2.5318	1.3944	1.3950	1.2080
-5.40	-5.2343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-5.20	-5.0343	1.0000	3.5304	2.5318	1.3944	1.3950	1.2080
-5.00	-4.8343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-4.80	-4.6343	1.0000	3.5304	2.5318	1.3944	1.3949	1.2079

T= 400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.4343	1.0000	3.5303	2.5318	1.3944	1.3949	1.2079
-4.40	-4.2343	1.0000	3.5304	2.5318	1.3944	1.3949	1.2079
-4.20	-4.0343	1.0000	3.5304	2.5318	1.3944	1.3949	1.2079
-4.00	-3.8343	1.0000	3.5304	2.5318	1.3944	1.3949	1.2079
-3.80	-3.6343	1.0000	3.5304	2.5318	1.3944	1.3949	1.2079
-3.60	-3.4343	1.0000	3.5303	2.5318	1.3944	1.3949	1.2079
-3.40	-3.2343	1.0000	3.5304	2.5318	1.3944	1.3950	1.2080
-3.20	-3.0343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-3.00	-2.8343	1.0000	3.5304	2.5318	1.3944	1.3950	1.2080
-2.80	-2.6343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-2.60	-2.4343	1.0000	3.5304	2.5318	1.3944	1.3951	1.2080
-2.40	-2.2343	1.0000	3.5304	2.5318	1.3944	1.3956	1.2082
-2.20	-2.0343	1.0000	3.5304	2.5318	1.3944	1.3954	1.2081
-2.00	-1.8341	1.0000	3.5304	2.5318	1.3944	1.3956	1.2082
-1.80	-1.6341	1.0000	3.5306	2.5318	1.3945	1.3952	1.2080
-1.60	-1.4341	1.0000	3.5303	2.5317	1.3944	1.3952	1.2080
-1.40	-1.2341	1.0000	3.5304	2.5317	1.3945	1.3951	1.2080
-1.20	-1.0341	1.0000	3.5306	2.5319	1.3945	1.3950	1.2080
-1.00	-0.8341	1.0000	3.5313	2.5318	1.3948	1.3952	1.2081
-0.80	-0.6341	1.0001	3.5321	2.5318	1.3951	1.3952	1.2081
-0.60	-0.4340	1.0001	3.5322	2.5320	1.3950	1.3954	1.2082
-0.40	-0.2340	1.0001	3.5335	2.5320	1.3955	1.3960	1.2085
-0.20	-0.0340	1.0002	3.5381	2.5317	1.3975	1.3980	1.2094
0.0	0.1658	1.0004	3.5378	2.5307	1.3980	1.3986	1.2098
0.20	0.3659	1.0006	3.5486	2.5292	1.4030	1.4001	1.2105
0.40	0.5660	1.0009	3.5523	2.5329	1.4024	1.4022	1.2116
0.60	0.7663	1.0016	3.5546	2.5377	1.4007	1.4051	1.2133
0.80	0.9667	1.0024	3.5652	2.5392	1.4041	1.4085	1.2152
1.00	1.1672	1.0035	3.5810	2.5421	1.4087	1.4137	1.2182
1.20	1.3680	1.0055	3.6055	2.5451	1.4166	1.4246	1.2240
1.40	1.5696	1.0091	3.6418	2.5483	1.4291	1.4426	1.2340
1.60	1.7724	1.0156	3.6972	2.5504	1.4497	1.4729	1.2509
1.80	1.9779	1.0287	3.7804	2.5540	1.4802	1.5258	1.2813
2.00	2.1887	1.0545	3.8956	2.5589	1.5224	1.6229	1.3379
2.20	2.4120	1.1127	4.0203	2.5627	1.5688	1.8065	1.4497
2.40	2.6633	1.2520	4.0571	2.5507	1.5905	2.1978	1.6964
2.60	2.9922	1.6850	3.9478	2.5258	1.5630	3.0613	2.3237
2.80	3.5035	3.4507	4.0328	2.6546	1.5192	4.7245	4.1295
3.00	4.2086	11.0389	0.0	3.5387	0.0	0.0	0.0

T= 500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.7374	1.0000	0.0	2.5869	0.0	0.0	0.0
-6.80	-6.5374	1.0000	3.5907	2.5869	1.3880	1.3823	1.3444
-6.60	-6.3374	1.0000	3.5879	2.5869	1.3869	1.3865	1.3464
-6.40	-6.1374	1.0000	3.5879	2.5869	1.3870	1.3868	1.3466
-6.20	-5.9375	1.0000	3.5880	2.5869	1.3870	1.3866	1.3465
-6.00	-5.7374	1.0000	3.5879	2.5869	1.3869	1.3868	1.3466
-5.80	-5.5374	1.0000	3.5879	2.5869	1.3870	1.3866	1.3464
-5.60	-5.3374	1.0000	3.5879	2.5869	1.3869	1.3868	1.3466
-5.40	-5.1374	1.0000	3.5879	2.5869	1.3870	1.3865	1.3464
-5.20	-4.9375	1.0000	3.5880	2.5869	1.3870	1.3868	1.3466
-5.00	-4.7374	1.0000	3.5879	2.5869	1.3869	1.3865	1.3464
-4.80	-4.5374	1.0000	3.5880	2.5869	1.3870	1.3868	1.3466

T= 500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.3374	1.0000	3.5879	2.5869	1.3869	1.3866	1.3464
-4.40	-4.1374	1.0000	3.5879	2.5869	1.3870	1.3868	1.3466
-4.20	-3.9375	1.0000	3.5880	2.5869	1.3870	1.3866	1.3464
-4.00	-3.7374	1.0000	3.5879	2.5869	1.3869	1.3868	1.3466
-3.80	-3.5374	1.0000	3.5880	2.5869	1.3870	1.3866	1.3464
-3.60	-3.3374	1.0000	3.5879	2.5869	1.3870	1.3868	1.3466
-3.40	-3.1374	1.0000	3.5879	2.5869	1.3870	1.3865	1.3464
-3.20	-2.9375	1.0000	3.5879	2.5869	1.3870	1.3868	1.3466
-3.00	-2.7374	1.0000	3.5879	2.5869	1.3869	1.3865	1.3464
-2.80	-2.5374	1.0000	3.5880	2.5869	1.3870	1.3868	1.3466
-2.60	-2.3374	1.0000	3.5879	2.5869	1.3870	1.3866	1.3465
-2.40	-2.1374	1.0000	3.5880	2.5869	1.3870	1.3873	1.3468
-2.20	-1.9372	1.0000	3.5879	2.5869	1.3870	1.3875	1.3469
-2.00	-1.7372	1.0000	3.5879	2.5869	1.3870	1.3874	1.3469
-1.80	-1.5372	1.0000	3.5881	2.5869	1.3870	1.3870	1.3467
-1.60	-1.3372	1.0000	3.5883	2.5871	1.3870	1.3868	1.3466
-1.40	-1.1372	1.0000	3.5881	2.5871	1.3869	1.3869	1.3466
-1.20	-0.9372	1.0000	3.5882	2.5868	1.3871	1.3870	1.3466
-1.00	-0.7372	1.0001	3.5881	2.5867	1.3871	1.3874	1.3469
-0.80	-0.5371	1.0001	3.5883	2.5868	1.3871	1.3876	1.3470
-0.60	-0.3371	1.0002	3.5889	2.5872	1.3871	1.3876	1.3471
-0.40	-0.1370	1.0003	3.5894	2.5873	1.3873	1.3878	1.3472
-0.20	0.0630	1.0004	3.5931	2.5874	1.3887	1.3900	1.3484
0.0	0.2629	1.0007	3.5955	2.5894	1.3885	1.3909	1.3490
0.20	0.4630	1.0011	3.5941	2.5887	1.3884	1.3925	1.3500
0.40	0.6633	1.0017	3.5991	2.5904	1.3894	1.3945	1.3514
0.60	0.8637	1.0027	3.6046	2.5928	1.3902	1.3970	1.3533
0.80	1.0644	1.0042	3.6125	2.5936	1.3929	1.4008	1.3562
1.00	1.2654	1.0065	3.6260	2.5950	1.3973	1.4077	1.3611
1.20	1.4671	1.0106	3.6499	2.5987	1.4045	1.4194	1.3695
1.40	1.6700	1.0173	3.6912	2.6048	1.4171	1.4379	1.3829
1.60	1.8749	1.0288	3.7584	2.6160	1.4367	1.4698	1.4061
1.80	2.0833	1.0490	3.8565	2.6293	1.4667	1.5226	1.4451
2.00	2.2985	1.0862	3.9755	2.6480	1.5013	1.6127	1.5133
2.20	2.5279	1.1625	4.0023	2.6997	1.4825	1.7766	1.6429
2.40	2.7848	1.3250	4.1168	2.7745	1.4838	2.0966	1.9056
2.60	3.1127	1.7787	4.1133	2.8708	1.4328	2.7665	2.5369
2.80	3.6031	3.4720	4.2901	3.1623	1.3566	4.0181	4.2709
3.00	4.2657	10.0726	0.0	4.1357	0.0	0.0	0.0

T= 600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.6582	1.0000	0.0	2.6603	0.0	0.0	0.0
-6.80	-6.4583	1.0000	3.6637	2.6603	1.3772	1.3748	1.4687
-6.60	-6.2582	1.0000	3.6603	2.6603	1.3759	1.3759	1.4693
-6.40	-6.0582	1.0000	3.6603	2.6603	1.3759	1.3762	1.4695
-6.20	-5.8583	1.0000	3.6602	2.6603	1.3758	1.3760	1.4693
-6.00	-5.6582	1.0000	3.6603	2.6603	1.3759	1.3764	1.4696
-5.80	-5.4583	1.0000	3.6603	2.6603	1.3759	1.3760	1.4693
-5.60	-5.2582	1.0000	3.6603	2.6603	1.3759	1.3763	1.4695
-5.40	-5.0582	1.0000	3.6603	2.6603	1.3759	1.3759	1.4693
-5.20	-4.8583	1.0000	3.6602	2.6603	1.3758	1.3763	1.4695
-5.00	-4.6582	1.0000	3.6603	2.6603	1.3759	1.3761	1.4694
-4.80	-4.4583	1.0000	3.6603	2.6603	1.3759	1.3763	1.4695

T= 600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.2582	1.0000	3.6603	2.6603	1.3759	1.3760	1.4693
-4.40	-4.0582	1.0000	3.6603	2.6603	1.3759	1.3763	1.4695
-4.20	-3.8583	1.0000	3.6602	2.6603	1.3758	1.3760	1.4693
-4.00	-3.6582	1.0000	3.6603	2.6603	1.3759	1.3764	1.4696
-3.80	-3.4583	1.0000	3.6603	2.6603	1.3759	1.3760	1.4693
-3.60	-3.2582	1.0000	3.6604	2.6603	1.3759	1.3763	1.4695
-3.40	-3.0582	1.0000	3.6604	2.6603	1.3759	1.3759	1.4693
-3.20	-2.8583	1.0000	3.6602	2.6603	1.3759	1.3763	1.4695
-3.00	-2.6582	1.0000	3.6604	2.6603	1.3759	1.3760	1.4694
-2.80	-2.4583	1.0000	3.6603	2.6603	1.3759	1.3759	1.4693
-2.60	-2.2582	1.0000	3.6602	2.6603	1.3759	1.3769	1.4698
-2.40	-2.0582	1.0000	3.6603	2.6603	1.3759	1.3766	1.4696
-2.20	-1.8580	1.0000	3.6603	2.6603	1.3759	1.3769	1.4698
-2.00	-1.6580	1.0000	3.6603	2.6603	1.3759	1.3760	1.4693
-1.80	-1.4580	1.0000	3.6604	2.6603	1.3759	1.3763	1.4695
-1.60	-1.2580	1.0000	3.6607	2.6607	1.3759	1.3764	1.4695
-1.40	-1.0580	1.0000	3.6607	2.6607	1.3759	1.3764	1.4696
-1.20	-0.8580	1.0001	3.6606	2.6607	1.3758	1.3765	1.4697
-1.00	-0.6579	1.0001	3.6610	2.6606	1.3760	1.3762	1.4695
-0.80	-0.4579	1.0001	3.6615	2.6608	1.3761	1.3767	1.4698
-0.60	-0.2579	1.0002	3.6614	2.6606	1.3761	1.3767	1.4698
-0.40	-0.0578	1.0003	3.6619	2.6609	1.3762	1.3771	1.4701
-0.20	0.1423	1.0005	3.6613	2.6612	1.3758	1.3797	1.4717
0.0	0.3421	1.0009	3.6641	2.6621	1.3764	1.3806	1.4725
0.20	0.5424	1.0015	3.6667	2.6633	1.3767	1.3792	1.4721
0.40	0.7427	1.0022	3.6667	2.6624	1.3772	1.3806	1.4734
0.60	0.9432	1.0035	3.6679	2.6603	1.3788	1.3835	1.4759
0.80	1.1441	1.0055	3.6727	2.6600	1.3807	1.3879	1.4797
1.00	1.3454	1.0086	3.6786	2.6593	1.3833	1.3954	1.4860
1.20	1.5477	1.0139	3.6877	2.6573	1.3878	1.4076	1.4963
1.40	1.7514	1.0226	3.7056	2.6571	1.3946	1.4272	1.5132
1.60	1.9575	1.0369	3.7282	2.6543	1.4046	1.4590	1.5407
1.80	2.1681	1.0625	3.7806	2.6669	1.4176	1.5111	1.5871
2.00	2.3856	1.1064	3.8388	2.6772	1.4339	1.6043	1.6688
2.20	2.6179	1.1916	3.8750	2.6572	1.4583	1.7716	1.8199
2.40	2.8787	1.3709	3.9123	2.6458	1.4787	2.0937	2.1217
2.60	3.2053	1.8348	3.8654	2.6587	1.4539	2.7569	2.8183
2.80	3.6797	3.4513	3.9523	2.8442	1.3896	3.8696	4.5776
3.00	4.3102	9.2996	0.0	3.8185	0.0	0.0	0.0

T= 700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.5913	1.0000	0.0	2.7458	0.0	0.0	0.0
-6.80	-6.3913	1.0000	3.7457	2.7458	1.3642	1.3632	1.5797
-6.60	-6.1913	1.0000	3.7457	2.7458	1.3642	1.3650	1.5807
-6.40	-5.9913	1.0000	3.7457	2.7458	1.3642	1.3646	1.5805
-6.20	-5.7913	1.0000	3.7457	2.7458	1.3642	1.3650	1.5807
-6.00	-5.5913	1.0000	3.7459	2.7458	1.3642	1.3647	1.5805
-5.80	-5.3913	1.0000	3.7458	2.7458	1.3642	1.3650	1.5807
-5.60	-5.1913	1.0000	3.7457	2.7458	1.3642	1.3646	1.5805
-5.40	-4.9913	1.0000	3.7457	2.7458	1.3642	1.3650	1.5807
-5.20	-4.7913	1.0000	3.7457	2.7458	1.3642	1.3647	1.5805
-5.00	-4.5913	1.0000	3.7458	2.7458	1.3642	1.3651	1.5807
-4.80	-4.3913	1.0000	3.7458	2.7458	1.3642	1.3647	1.5805

T= 700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.1913	1.0000	3.7457	2.7458	1.3642	1.3650	1.5807
-4.40	-3.9913	1.0000	3.7457	2.7458	1.3642	1.3646	1.5805
-4.20	-3.7913	1.0000	3.7457	2.7458	1.3642	1.3650	1.5807
-4.00	-3.5913	1.0000	3.7458	2.7458	1.3642	1.3647	1.5805
-3.80	-3.3913	1.0000	3.7458	2.7458	1.3642	1.3650	1.5807
-3.60	-3.1913	1.0000	3.7457	2.7458	1.3642	1.3646	1.5805
-3.40	-2.9913	1.0000	3.7457	2.7458	1.3642	1.3649	1.5807
-3.20	-2.7913	1.0000	3.7457	2.7458	1.3642	1.3651	1.5807
-3.00	-2.5913	1.0000	3.7458	2.7458	1.3642	1.3651	1.5808
-2.80	-2.3913	1.0000	3.7457	2.7458	1.3642	1.3650	1.5807
-2.60	-2.1913	1.0000	3.7457	2.7458	1.3642	1.3659	1.5812
-2.40	-1.9911	1.0000	3.7458	2.7458	1.3642	1.3659	1.5812
-2.20	-1.7911	1.0000	3.7458	2.7458	1.3642	1.3659	1.5812
-2.00	-1.5911	1.0000	3.7456	2.7458	1.3642	1.3651	1.5808
-1.80	-1.3911	1.0000	3.7456	2.7458	1.3641	1.3652	1.5808
-1.60	-1.1911	1.0000	3.7456	2.7456	1.3642	1.3652	1.5808
-1.40	-0.9911	1.0000	3.7456	2.7456	1.3642	1.3652	1.5808
-1.20	-0.7910	1.0001	3.7459	2.7458	1.3643	1.3653	1.5810
-1.00	-0.5910	1.0001	3.7463	2.7455	1.3645	1.3649	1.5807
-0.80	-0.3910	1.0002	3.7462	2.7461	1.3642	1.3656	1.5812
-0.60	-0.1909	1.0002	3.7464	2.7458	1.3644	1.3657	1.5813
-0.40	0.0091	1.0004	3.7467	2.7456	1.3646	1.3657	1.5814
-0.20	0.2092	1.0006	3.7478	2.7463	1.3647	1.3692	1.5836
0.0	0.4092	1.0011	3.7477	2.7451	1.3653	1.3703	1.5846
0.20	0.6094	1.0017	3.7491	2.7462	1.3652	1.3690	1.5844
0.40	0.8098	1.0026	3.7532	2.7480	1.3658	1.3706	1.5860
0.60	1.0104	1.0040	3.7559	2.7492	1.3662	1.3735	1.5888
0.80	1.2114	1.0064	3.7621	2.7508	1.3676	1.3782	1.5934
1.00	1.4130	1.0100	3.7703	2.7519	1.3701	1.3858	1.6006
1.20	1.6156	1.0161	3.7798	2.7517	1.3737	1.3980	1.6125
1.40	1.8199	1.0261	3.7963	2.7544	1.3783	1.4183	1.6321
1.60	2.0268	1.0425	3.8187	2.7493	1.3890	1.4484	1.6625
1.80	2.2387	1.0715	3.8615	2.7687	1.3947	1.5028	1.7168
2.00	2.4581	1.1205	3.9509	2.8038	1.4091	1.5932	1.8077
2.20	2.6923	1.2123	4.0137	2.8008	1.4330	1.7524	1.9719
2.40	2.9553	1.4016	4.0736	2.8242	1.4424	2.0544	2.2956
2.60	3.2805	1.8698	4.1088	2.9181	1.4080	2.6500	3.0125
2.80	3.7415	3.4107	4.2646	3.1927	1.3357	3.6111	4.7482
3.00	4.3463	8.6613	0.0	4.1206	0.0	0.0	0.0

T= 800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.5333	1.0000	0.0	2.8286	0.0	0.0	0.0
-6.80	-6.3333	1.0000	3.8299	2.8286	1.3540	1.3528	1.6822
-6.60	-6.1333	1.0000	3.8286	2.8286	1.3535	1.3543	1.6832
-6.40	-5.9333	1.0000	3.8286	2.8286	1.3535	1.3540	1.6830
-6.20	-5.7333	1.0000	3.8286	2.8286	1.3535	1.3544	1.6832
-6.00	-5.5333	1.0000	3.8286	2.8286	1.3535	1.3541	1.6831
-5.80	-5.3333	1.0000	3.8285	2.8286	1.3535	1.3543	1.6832
-5.60	-5.1333	1.0000	3.8286	2.8286	1.3535	1.3540	1.6830
-5.40	-4.9333	1.0000	3.8286	2.8286	1.3535	1.3543	1.6832
-5.20	-4.7333	1.0000	3.8286	2.8286	1.3535	1.3541	1.6831
-5.00	-4.5333	1.0000	3.8286	2.8286	1.3535	1.3544	1.6833
-4.80	-4.3333	1.0000	3.8285	2.8286	1.3535	1.3540	1.6830

T= 800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.1333	1.0000	3.8286	2.8286	1.3535	1.3543	1.6832
-4.40	-3.9333	1.0000	3.8286	2.8286	1.3535	1.3540	1.6830
-4.20	-3.7333	1.0000	3.8286	2.8286	1.3535	1.3544	1.6832
-4.00	-3.5333	1.0000	3.8286	2.8286	1.3535	1.3541	1.6831
-3.80	-3.3333	1.0000	3.8286	2.8286	1.3535	1.3543	1.6832
-3.60	-3.1333	1.0000	3.8285	2.8286	1.3535	1.3540	1.6830
-3.40	-2.9333	1.0000	3.8285	2.8286	1.3535	1.3543	1.6832
-3.20	-2.7333	1.0000	3.8286	2.8286	1.3535	1.3541	1.6831
-3.00	-2.5333	1.0000	3.8286	2.8286	1.3535	1.3544	1.6833
-2.80	-2.3333	1.0000	3.8286	2.8286	1.3535	1.3540	1.6830
-2.60	-2.1333	1.0000	3.8286	2.8286	1.3535	1.3551	1.6837
-2.40	-1.9330	1.0000	3.8284	2.8286	1.3535	1.3552	1.6838
-2.20	-1.7330	1.0000	3.8286	2.8286	1.3535	1.3542	1.6831
-2.00	-1.5330	1.0000	3.8286	2.8286	1.3535	1.3545	1.6833
-1.80	-1.3330	1.0000	3.8287	2.8286	1.3536	1.3542	1.6831
-1.60	-1.1330	1.0000	3.8287	2.8286	1.3535	1.3545	1.6833
-1.40	-0.9330	1.0001	3.8285	2.8286	1.3535	1.3542	1.6832
-1.20	-0.7330	1.0001	3.8283	2.8279	1.3538	1.3541	1.6832
-1.00	-0.5330	1.0001	3.8276	2.8283	1.3533	1.3546	1.6835
-0.80	-0.3330	1.0002	3.8280	2.8276	1.3538	1.3544	1.6834
-0.60	-0.1329	1.0003	3.8287	2.8288	1.3535	1.3547	1.6837
-0.40	0.0672	1.0004	3.8288	2.8287	1.3535	1.3545	1.6837
-0.20	0.2673	1.0007	3.8288	2.8284	1.3537	1.3569	1.6854
0.0	0.4672	1.0012	3.8266	2.8264	1.3539	1.3576	1.6863
0.20	0.6674	1.0018	3.8281	2.8266	1.3543	1.3564	1.6860
0.40	0.8679	1.0029	3.8299	2.8262	1.3552	1.3582	1.6881
0.60	1.0686	1.0044	3.8316	2.8264	1.3556	1.3614	1.6913
0.80	1.2697	1.0070	3.8333	2.8246	1.3571	1.3664	1.6966
1.00	1.4715	1.0111	3.8378	2.8218	1.3601	1.3742	1.7050
1.20	1.6743	1.0178	3.8435	2.8201	1.3629	1.3871	1.7186
1.40	1.8790	1.0288	3.8545	2.8150	1.3693	1.4072	1.7403
1.60	2.0866	1.0470	3.8744	2.8219	1.3730	1.4421	1.7773
1.80	2.2983	1.0755	3.8465	2.7636	1.3918	1.4998	1.8371
2.00	2.5201	1.1308	3.8337	2.6955	1.4222	1.5963	1.9432
2.20	2.7560	1.2284	3.8815	2.7008	1.4372	1.7582	2.1256
2.40	3.0198	1.4229	3.9193	2.7203	1.4407	2.0480	2.4686
2.60	3.3436	1.8919	3.9325	2.7875	1.4108	2.6097	3.2145
2.80	3.7932	3.3618	4.0517	3.0299	1.3373	3.4677	4.9384
3.00	4.3765	8.1247	0.0	3.8961	0.0	0.0	0.0

T= 900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.4822	1.0000	0.0	2.9072	0.0	0.0	0.0
-6.80	-6.2822	1.0000	3.9072	2.9072	1.3440	1.3443	1.7787
-6.60	-6.0822	1.0000	3.9073	2.9072	1.3440	1.3443	1.7787
-6.40	-5.8822	1.0000	3.9073	2.9072	1.3440	1.3443	1.7787
-6.20	-5.6822	1.0000	3.9071	2.9072	1.3439	1.3444	1.7788
-6.00	-5.4822	1.0000	3.9072	2.9072	1.3439	1.3444	1.7787
-5.80	-5.2822	1.0000	3.9072	2.9072	1.3440	1.3443	1.7787
-5.60	-5.0822	1.0000	3.9073	2.9072	1.3440	1.3443	1.7787
-5.40	-4.8822	1.0000	3.9072	2.9072	1.3440	1.3443	1.7787
-5.20	-4.6822	1.0000	3.9072	2.9072	1.3440	1.3444	1.7788
-5.00	-4.4822	1.0000	3.9072	2.9072	1.3440	1.3443	1.7787
-4.80	-4.2822	1.0000	3.9073	2.9072	1.3440	1.3447	1.7790

T= 900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.0822	1.0000	3.9073	2.9072	1.3440	1.3444	1.7788
-4.40	-3.8822	1.0000	3.9072	2.9072	1.3440	1.3447	1.7790
-4.20	-3.6822	1.0000	3.9072	2.9072	1.3440	1.3446	1.7789
-4.00	-3.4822	1.0000	3.9072	2.9072	1.3440	1.3447	1.7790
-3.80	-3.2822	1.0000	3.9072	2.9072	1.3440	1.3445	1.7788
-3.60	-3.0822	1.0000	3.9073	2.9072	1.3440	1.3447	1.7790
-3.40	-2.8822	1.0000	3.9072	2.9072	1.3440	1.3445	1.7788
-3.20	-2.6822	1.0000	3.9072	2.9072	1.3440	1.3449	1.7791
-3.00	-2.4822	1.0000	3.9072	2.9072	1.3440	1.3443	1.7787
-2.80	-2.2822	1.0000	3.9072	2.9072	1.3439	1.3442	1.7787
-2.60	-2.0822	1.0000	3.9073	2.9072	1.3440	1.3450	1.7792
-2.40	-1.8819	1.0000	3.9073	2.9072	1.3440	1.3450	1.7791
-2.20	-1.6819	1.0000	3.9073	2.9072	1.3440	1.3445	1.7789
-2.00	-1.4819	1.0000	3.9072	2.9072	1.3439	1.3444	1.7787
-1.80	-1.2819	1.0000	3.9072	2.9072	1.3440	1.3446	1.7789
-1.60	-1.0819	1.0000	3.9072	2.9072	1.3440	1.3443	1.7787
-1.40	-0.8819	1.0001	3.9072	2.9072	1.3439	1.3444	1.7788
-1.20	-0.6818	1.0001	3.9073	2.9073	1.3440	1.3445	1.7789
-1.00	-0.4818	1.0001	3.9075	2.9079	1.3437	1.3444	1.7788
-0.80	-0.2818	1.0002	3.9071	2.9072	1.3439	1.3451	1.7794
-0.60	-0.0817	1.0003	3.9075	2.9077	1.3438	1.3455	1.7797
-0.40	0.1183	1.0005	3.9074	2.9076	1.3439	1.3452	1.7797
-0.20	0.3184	1.0007	3.9097	2.9073	1.3448	1.3450	1.7798
0.0	0.5183	1.0012	3.9076	2.9056	1.3449	1.3443	1.7797
0.20	0.7187	1.0019	3.9070	2.9059	1.3445	1.3424	1.7791
0.40	0.9191	1.0030	3.9104	2.9077	1.3448	1.3445	1.7816
0.60	1.1199	1.0047	3.9130	2.9076	1.3458	1.3475	1.7850
0.80	1.3211	1.0076	3.9157	2.9068	1.3471	1.3524	1.7908
1.00	1.5230	1.0120	3.9241	2.9102	1.3484	1.3601	1.7999
1.20	1.7261	1.0192	3.9346	2.9127	1.3509	1.3726	1.8145
1.40	1.9310	1.0309	3.9442	2.9114	1.3547	1.3930	1.8384
1.60	2.1392	1.0504	3.9701	2.9122	1.3633	1.4249	1.8768
1.80	2.3524	1.0830	4.0233	2.9309	1.3727	1.4797	1.9420
2.00	2.5743	1.1390	4.0583	2.9395	1.3806	1.5752	2.0548
2.20	2.8114	1.2405	4.0899	2.9198	1.4008	1.7260	2.2445
2.40	3.0756	1.4379	4.1112	2.9365	1.4000	1.9997	2.6010
2.60	3.3979	1.9057	4.1371	3.0197	1.3700	2.5236	3.3646
2.80	3.8376	3.3093	4.2626	3.2766	1.3009	3.2893	5.0614
3.00	4.4025	7.6684	0.0	4.0614	0.0	0.0	0.0

T= 1000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.4364	1.0000	0.0	2.9799	0.0	0.0	0.0
-6.80	-6.2364	1.0000	3.9814	2.9799	1.3361	1.3370	1.8698
-6.60	-6.0364	1.0000	3.9797	2.9799	1.3355	1.3367	1.8696
-6.40	-5.8364	1.0000	3.9797	2.9799	1.3355	1.3365	1.8695
-6.20	-5.6364	1.0000	3.9799	2.9799	1.3356	1.3364	1.8694
-6.00	-5.4364	1.0000	3.9798	2.9799	1.3355	1.3365	1.8695
-5.80	-5.2364	1.0000	3.9798	2.9799	1.3356	1.3362	1.8693
-5.60	-5.0364	1.0000	3.9797	2.9799	1.3355	1.3365	1.8695
-5.40	-4.8364	1.0000	3.9797	2.9799	1.3355	1.3363	1.8693
-5.20	-4.6364	1.0000	3.9799	2.9799	1.3356	1.3366	1.8695
-5.00	-4.4364	1.0000	3.9797	2.9799	1.3355	1.3363	1.8694
-4.80	-4.2364	1.0000	3.9797	2.9799	1.3355	1.3364	1.8694

T= 1000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-4.0364	1.0000	3.9797	2.9799	1.3355	1.3363	1.8693
-4.40	-3.8364	1.0000	3.9798	2.9799	1.3355	1.3365	1.8695
-4.20	-3.6364	1.0000	3.9799	2.9799	1.3356	1.3363	1.8694
-4.00	-3.4364	1.0000	3.9797	2.9799	1.3355	1.3365	1.8695
-3.80	-3.2364	1.0000	3.9798	2.9799	1.3355	1.3363	1.8693
-3.60	-3.0364	1.0000	3.9797	2.9799	1.3355	1.3365	1.8694
-3.40	-2.8364	1.0000	3.9798	2.9799	1.3355	1.3363	1.8693
-3.20	-2.6364	1.0000	3.9800	2.9799	1.3356	1.3365	1.8695
-3.00	-2.4364	1.0000	3.9798	2.9799	1.3356	1.3363	1.8693
-2.80	-2.2364	1.0000	3.9798	2.9799	1.3355	1.3370	1.8698
-2.60	-2.0364	1.0000	3.9799	2.9799	1.3356	1.3372	1.8699
-2.40	-1.8361	1.0000	3.9798	2.9799	1.3355	1.3371	1.8699
-2.20	-1.6361	1.0000	3.9797	2.9799	1.3355	1.3358	1.8690
-2.00	-1.4361	1.0000	3.9799	2.9799	1.3356	1.3360	1.8691
-1.80	-1.2361	1.0000	3.9798	2.9799	1.3356	1.3361	1.8692
-1.60	-1.0361	1.0000	3.9800	2.9799	1.3356	1.3362	1.8692
-1.40	-0.8361	1.0001	3.9798	2.9799	1.3356	1.3363	1.8694
-1.20	-0.6361	1.0001	3.9797	2.9796	1.3357	1.3357	1.8690
-1.00	-0.4361	1.0001	3.9799	2.9794	1.3358	1.3360	1.8692
-0.80	-0.2361	1.0002	3.9796	2.9797	1.3356	1.3362	1.8694
-0.60	-0.0360	1.0003	3.9806	2.9796	1.3359	1.3364	1.8697
-0.40	0.1641	1.0005	3.9805	2.9794	1.3360	1.3373	1.8705
-0.20	0.3642	1.0008	3.9798	2.9801	1.3355	1.3343	1.8687
0.0	0.5641	1.0012	3.9813	2.9806	1.3357	1.3322	1.8676
0.20	0.7644	1.0020	3.9811	2.9799	1.3360	1.3319	1.8681
0.40	0.9649	1.0031	3.9828	2.9809	1.3361	1.3340	1.8706
0.60	1.1657	1.0050	3.9858	2.9808	1.3372	1.3370	1.8745
0.80	1.3670	1.0079	3.9890	2.9822	1.3376	1.3418	1.8806
1.00	1.5691	1.0127	3.9962	2.9854	1.3386	1.3492	1.8902
1.20	1.7723	1.0203	4.0085	2.9891	1.3411	1.3615	1.9059
1.40	1.9775	1.0327	4.0227	2.9954	1.3430	1.3812	1.9313
1.60	2.1860	1.0530	4.0409	2.9946	1.3494	1.4121	1.9719
1.80	2.3999	1.0871	4.1205	3.0513	1.3504	1.4635	2.0397
2.00	2.6227	1.1459	4.2276	3.1199	1.3550	1.5483	2.1539
2.20	2.8607	1.2507	4.2921	3.1373	1.3681	1.6873	2.3489
2.40	3.1246	1.4487	4.3264	3.1770	1.3618	1.9415	2.7120
2.60	3.4455	1.9138	4.3516	3.2541	1.3373	2.4297	3.4871
2.80	3.8763	3.2561	4.4624	3.5078	1.2721	3.1291	5.1618
3.00	4.4254	7.2747	0.0	4.2039	0.0	0.0	0.0

T= 1100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.3950	1.0000	0.0	3.0366	0.0	0.0	0.0
-6.80	-6.1950	1.0000	4.0364	3.0366	1.3292	1.3283	1.9547
-6.60	-5.9950	1.0000	4.0367	3.0366	1.3294	1.3281	1.9545
-6.40	-5.7950	1.0000	4.0366	3.0366	1.3293	1.3283	1.9547
-6.20	-5.5950	1.0000	4.0365	3.0366	1.3293	1.3282	1.9546
-6.00	-5.3950	1.0000	4.0366	3.0366	1.3293	1.3283	1.9547
-5.80	-5.1950	1.0000	4.0367	3.0366	1.3293	1.3281	1.9546
-5.60	-4.9950	1.0000	4.0368	3.0366	1.3294	1.3282	1.9546
-5.40	-4.7950	1.0000	4.0366	3.0366	1.3293	1.3281	1.9546
-5.20	-4.5950	1.0000	4.0365	3.0366	1.3293	1.3284	1.9547
-5.00	-4.3950	1.0000	4.0366	3.0366	1.3293	1.3281	1.9546
-4.80	-4.1950	1.0000	4.0366	3.0366	1.3293	1.3283	1.9547

T= 1100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.9950	1.0000	4.0367	3.0366	1.3293	1.3278	1.9543
-4.40	-3.7950	1.0000	4.0368	3.0366	1.3294	1.3279	1.9544
-4.20	-3.5950	1.0000	4.0365	3.0366	1.3293	1.3280	1.9545
-4.00	-3.3950	1.0000	4.0367	3.0366	1.3293	1.3279	1.9544
-3.80	-3.1950	1.0000	4.0366	3.0366	1.3293	1.3279	1.9544
-3.60	-2.9950	1.0000	4.0367	3.0366	1.3293	1.3275	1.9541
-3.40	-2.7950	1.0000	4.0368	3.0366	1.3294	1.3276	1.9542
-3.20	-2.5950	1.0000	4.0366	3.0366	1.3293	1.3280	1.9545
-3.00	-2.3950	1.0000	4.0368	3.0366	1.3294	1.3279	1.9544
-2.80	-2.1950	1.0000	4.0367	3.0366	1.3293	1.3280	1.9545
-2.60	-1.9948	1.0000	4.0366	3.0366	1.3293	1.3292	1.9554
-2.40	-1.7948	1.0000	4.0368	3.0366	1.3294	1.3288	1.9551
-2.20	-1.5948	1.0000	4.0366	3.0366	1.3293	1.3282	1.9546
-2.00	-1.3948	1.0000	4.0367	3.0366	1.3293	1.3283	1.9547
-1.80	-1.1947	1.0000	4.0367	3.0366	1.3293	1.3282	1.9546
-1.60	-0.9947	1.0000	4.0365	3.0366	1.3293	1.3283	1.9547
-1.40	-0.7947	1.0001	4.0365	3.0365	1.3293	1.3281	1.9547
-1.20	-0.5947	1.0001	4.0367	3.0373	1.3290	1.3283	1.9548
-1.00	-0.3947	1.0001	4.0366	3.0374	1.3290	1.3282	1.9547
-0.80	-0.1947	1.0002	4.0363	3.0362	1.3294	1.3285	1.9551
-0.60	0.0054	1.0003	4.0362	3.0365	1.3292	1.3286	1.9552
-0.40	0.2055	1.0005	4.0369	3.0371	1.3292	1.3289	1.9556
-0.20	0.4056	1.0008	4.0384	3.0368	1.3298	1.3277	1.9550
0.0	0.6055	1.0013	4.0471	3.0459	1.3287	1.3278	1.9556
0.20	0.8058	1.0020	4.0461	3.0452	1.3287	1.3300	1.9579
0.40	1.0064	1.0032	4.0457	3.0438	1.3291	1.3319	1.9605
0.60	1.2072	1.0052	4.0490	3.0451	1.3297	1.3348	1.9646
0.80	1.4085	1.0082	4.0525	3.0471	1.3300	1.3393	1.9709
1.00	1.6106	1.0132	4.0563	3.0476	1.3310	1.3468	1.9811
1.20	1.8140	1.0211	4.0659	3.0516	1.3324	1.3588	1.9978
1.40	2.0195	1.0340	4.0864	3.0605	1.3352	1.3778	2.0243
1.60	2.2282	1.0550	4.1082	3.0784	1.3345	1.4073	2.0665
1.80	2.4422	1.0896	4.1077	3.0692	1.3384	1.4586	2.1381
2.00	2.6660	1.1509	4.1629	3.0775	1.3527	1.5460	2.2623
2.20	2.9048	1.2584	4.2835	3.1564	1.3571	1.6790	2.4649
2.40	3.1683	1.4565	4.3570	3.2290	1.3494	1.9184	2.8348
2.60	3.4878	1.9181	4.3786	3.3072	1.3240	2.3839	3.6266
2.80	3.9107	3.2040	4.4882	3.5584	1.2613	3.0268	5.2817
3.00	4.4459	6.9331	0.0	4.1861	0.0	0.0	0.0

T= 1200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.3572	1.0000	0.0	3.1260	0.0	0.0	0.0
-6.80	-6.1572	1.0000	4.1259	3.1228	1.3212	1.3214	2.0363
-6.60	-5.9572	1.0000	4.1217	3.1203	1.3209	1.3212	2.0362
-6.40	-5.7572	1.0000	4.1195	3.1183	1.3211	1.3213	2.0362
-6.20	-5.5572	1.0000	4.1175	3.1167	1.3211	1.3212	2.0362
-6.00	-5.3572	1.0000	4.1162	3.1154	1.3212	1.3212	2.0362
-5.80	-5.1572	1.0000	4.1151	3.1144	1.3213	1.3212	2.0361
-5.60	-4.9572	1.0000	4.1140	3.1136	1.3213	1.3212	2.0362
-5.40	-4.7572	1.0000	4.1134	3.1130	1.3214	1.3213	2.0362
-5.20	-4.5572	1.0000	4.1128	3.1124	1.3214	1.3212	2.0362
-5.00	-4.3572	1.0000	4.1123	3.1120	1.3214	1.3213	2.0362
-4.80	-4.1572	1.0000	4.1120	3.1117	1.3215	1.3211	2.0361

T= 1200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.9572	1.0000	4.1116	3.1115	1.3214	1.3212	2.0362
-4.40	-3.7572	1.0000	4.1113	3.1113	1.3214	1.3213	2.0362
-4.20	-3.5572	1.0000	4.1112	3.1111	1.3215	1.3213	2.0362
-4.00	-3.3572	1.0000	4.1110	3.1110	1.3214	1.3212	2.0362
-3.80	-3.1572	1.0000	4.1111	3.1109	1.3215	1.3212	2.0361
-3.60	-2.9572	1.0000	4.1109	3.1108	1.3215	1.3212	2.0361
-3.40	-2.7572	1.0000	4.1107	3.1107	1.3214	1.3213	2.0363
-3.20	-2.5572	1.0000	4.1107	3.1107	1.3215	1.3212	2.0361
-3.00	-2.3572	1.0000	4.1106	3.1106	1.3214	1.3216	2.0364
-2.80	-2.1572	1.0000	4.1107	3.1106	1.3215	1.3221	2.0368
-2.60	-1.9570	1.0000	4.1106	3.1106	1.3215	1.3224	2.0371
-2.40	-1.7570	1.0000	4.1109	3.1108	1.3215	1.3217	2.0365
-2.20	-1.5570	1.0000	4.1108	3.1108	1.3215	1.3218	2.0366
-2.00	-1.3569	1.0000	4.1107	3.1108	1.3214	1.3220	2.0368
-1.80	-1.1569	1.0000	4.1110	3.1110	1.3214	1.3220	2.0368
-1.60	-0.9569	1.0000	4.1107	3.1110	1.3214	1.3220	2.0367
-1.40	-0.7569	1.0001	4.1109	3.1112	1.3213	1.3219	2.0368
-1.20	-0.5569	1.0001	4.1109	3.1110	1.3214	1.3218	2.0367
-1.00	-0.3569	1.0001	4.1110	3.1110	1.3215	1.3222	2.0370
-0.80	-0.1569	1.0002	4.1116	3.1115	1.3214	1.3224	2.0373
-0.60	0.0432	1.0003	4.1115	3.1109	1.3217	1.3226	2.0375
-0.40	0.2433	1.0005	4.1120	3.1116	1.3215	1.3223	2.0375
-0.20	0.4434	1.0008	4.1112	3.1116	1.3213	1.3251	2.0400
0.0	0.6433	1.0013	4.1092	3.1093	1.3216	1.3309	2.0449
0.20	0.8437	1.0021	4.1115	3.1105	1.3218	1.3356	2.0493
0.40	1.0442	1.0033	4.1112	3.1097	1.3221	1.3372	2.0518
0.60	1.2451	1.0054	4.1138	3.1110	1.3223	1.3401	2.0562
0.80	1.4464	1.0085	4.1179	3.1131	1.3228	1.3445	2.0627
1.00	1.6486	1.0135	4.1221	3.1150	1.3233	1.3520	2.0736
1.20	1.8521	1.0217	4.1309	3.1200	1.3240	1.3637	2.0910
1.40	2.0577	1.0349	4.1464	3.1294	1.3250	1.3822	2.1187
1.60	2.2666	1.0564	4.1740	3.1447	1.3273	1.4118	2.1632
1.80	2.4808	1.0916	4.1978	3.1562	1.3300	1.4634	2.2390
2.00	2.7051	1.1544	4.2442	3.1853	1.3324	1.5477	2.3678
2.20	2.9443	1.2635	4.3514	3.2592	1.3351	1.6746	2.5764
2.40	3.2077	1.4621	4.4384	3.3308	1.3325	1.9108	2.9608
2.60	3.5259	1.9195	4.4742	3.4083	1.3127	2.3606	3.7708
2.80	3.9416	3.1535	4.5597	3.6498	1.2493	2.9541	5.4069
3.00	4.4646	5.6351	0.0	4.2055	0.0	0.0	0.0

T= 1300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.3225	1.0000	0.0	3.1102	0.0	0.0	0.0
-6.80	-6.1225	1.0000	4.1188	3.1234	1.3187	1.3161	2.1152
-6.60	-5.9225	1.0000	4.1308	3.1338	1.3181	1.3158	2.1150
-6.40	-5.7225	1.0000	4.1401	3.1420	1.3176	1.3159	2.1151
-6.20	-5.5225	1.0000	4.1467	3.1486	1.3170	1.3160	2.1151
-6.00	-5.3225	1.0000	4.1525	3.1538	1.3167	1.3159	2.1150
-5.80	-5.1225	1.0000	4.1567	3.1579	1.3163	1.3158	2.1150
-5.60	-4.9225	1.0000	4.1601	3.1612	1.3160	1.3158	2.1150
-5.40	-4.7225	1.0000	4.1630	3.1638	1.3158	1.3160	2.1151
-5.20	-4.5225	1.0000	4.1651	3.1659	1.3156	1.3159	2.1151
-5.00	-4.3225	1.0000	4.1671	3.1675	1.3156	1.3159	2.1150
-4.80	-4.1225	1.0000	4.1684	3.1689	1.3154	1.3158	2.1149

T= 1300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.9225	1.0000	4.1694	3.1699	1.3153	1.3162	2.1153
-4.40	-3.7225	1.0000	4.1703	3.1707	1.3153	1.3162	2.1153
-4.20	-3.5225	1.0000	4.1710	3.1714	1.3152	1.3163	2.1153
-4.00	-3.3225	1.0000	4.1718	3.1719	1.3152	1.3162	2.1153
-3.80	-3.1225	1.0000	4.1719	3.1723	1.3151	1.3162	2.1153
-3.60	-2.9225	1.0000	4.1725	3.1726	1.3151	1.3161	2.1152
-3.40	-2.7225	1.0000	4.1726	3.1729	1.3151	1.3166	2.1156
-3.20	-2.5225	1.0000	4.1728	3.1731	1.3151	1.3167	2.1156
-3.00	-2.3225	1.0000	4.1732	3.1733	1.3151	1.3161	2.1152
-2.80	-2.1225	1.0000	4.1732	3.1734	1.3151	1.3168	2.1158
-2.60	-1.9222	1.0000	4.1733	3.1735	1.3151	1.3174	2.1162
-2.40	-1.7222	1.0000	4.1724	3.1726	1.3152	1.3162	2.1153
-2.20	-1.5222	1.0000	4.1726	3.1726	1.3152	1.3158	2.1149
-2.00	-1.3222	1.0000	4.1727	3.1727	1.3152	1.3163	2.1153
-1.80	-1.1222	1.0000	4.1719	3.1717	1.3153	1.3157	2.1149
-1.60	-0.9222	1.0000	4.1716	3.1717	1.3153	1.3159	2.1150
-1.40	-0.7222	1.0001	4.1716	3.1707	1.3157	1.3160	2.1152
-1.20	-0.5222	1.0001	4.1714	3.1704	1.3157	1.3160	2.1152
-1.00	-0.3222	1.0001	4.1713	3.1705	1.3157	1.3162	2.1154
-0.80	-0.1222	1.0002	4.1722	3.1723	1.3152	1.3162	2.1155
-0.60	0.0780	1.0003	4.1724	3.1715	1.3156	1.3166	2.1159
-0.40	0.2780	1.0005	4.1714	3.1714	1.3153	1.3163	2.1159
-0.20	0.4782	1.0008	4.1724	3.1712	1.3157	1.3195	2.1188
0.0	0.6781	1.0013	4.1717	3.1720	1.3152	1.3247	2.1235
0.20	0.8784	1.0021	4.1732	3.1721	1.3156	1.3272	2.1264
0.40	1.0790	1.0034	4.1734	3.1717	1.3158	1.3290	2.1291
0.60	1.2799	1.0055	4.1748	3.1728	1.3158	1.3317	2.1335
0.80	1.4813	1.0086	4.1786	3.1749	1.3162	1.3362	2.1405
1.00	1.6835	1.0138	4.1823	3.1770	1.3165	1.3436	2.1519
1.20	1.8870	1.0221	4.1899	3.1815	1.3170	1.3551	2.1699
1.40	2.0927	1.0355	4.2020	3.1902	1.3172	1.3733	2.1987
1.60	2.3017	1.0573	4.2256	3.2044	1.3187	1.4031	2.2457
1.80	2.5162	1.0933	4.2490	3.2154	1.3214	1.4545	2.3250
2.00	2.7407	1.1565	4.2828	3.2421	1.3210	1.5355	2.4570
2.20	2.9802	1.2666	4.3802	3.3106	1.3231	1.6594	2.6726
2.40	3.2437	1.4660	4.4696	3.3792	1.3227	1.8945	3.0726
2.60	3.5606	1.9189	4.4987	3.4581	1.3009	2.3283	3.8969
2.80	3.9697	3.1055	4.5840	3.5901	1.2423	2.8796	5.5136
3.00	4.4819	6.3729	0.0	4.1813	0.0	0.0	0.0

T= 1400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2903	1.0000	0.0	3.5222	0.0	0.0	0.0
-6.80	-6.0903	1.0000	4.4736	3.4617	1.2923	1.2916	2.1746
-6.60	-5.8903	1.0000	4.4233	3.4136	1.2958	1.2942	2.1767
-6.40	-5.6903	1.0000	4.3828	3.3753	1.2985	1.2975	2.1795
-6.20	-5.4903	1.0000	4.3508	3.3447	1.3008	1.3001	2.1817
-6.00	-5.2903	1.0000	4.3252	3.3204	1.3026	1.3023	2.1835
-5.80	-5.0903	1.0000	4.3050	3.3012	1.3041	1.3040	2.1850
-5.60	-4.8903	1.0000	4.2889	3.2857	1.3053	1.3055	2.1862
-5.40	-4.6903	1.0000	4.2761	3.2736	1.3063	1.3067	2.1872
-5.20	-4.4903	1.0000	4.2659	3.2638	1.3070	1.3075	2.1878
-5.00	-4.2903	1.0000	4.2578	3.2562	1.3076	1.3083	2.1885
-4.80	-4.0903	1.0000	4.2513	3.2500	1.3081	1.3088	2.1890

T= 1400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.8903	1.0000	4.2463	3.2452	1.3085	1.3094	2.1894
-4.40	-3.6903	1.0000	4.2421	3.2412	1.3088	1.3098	2.1898
-4.20	-3.4903	1.0000	4.2389	3.2382	1.3090	1.3100	2.1899
-4.00	-3.2903	1.0000	4.2364	3.2357	1.3093	1.3102	2.1901
-3.80	-3.0903	1.0000	4.2343	3.2338	1.3094	1.3104	2.1903
-3.60	-2.8903	1.0000	4.2327	3.2323	1.3095	1.3107	2.1905
-3.40	-2.6903	1.0000	4.2316	3.2311	1.3096	1.3108	2.1906
-3.20	-2.4903	1.0000	4.2305	3.2302	1.3097	1.3108	2.1906
-3.00	-2.2903	1.0000	4.2296	3.2294	1.3097	1.3110	2.1908
-2.80	-2.0903	1.0000	4.2290	3.2287	1.3098	1.3107	2.1905
-2.60	-1.8900	1.0000	4.2285	3.2283	1.3098	1.3102	2.1901
-2.40	-1.6900	1.0000	4.2280	3.2277	1.3099	1.3095	2.1896
-2.20	-1.4900	1.0000	4.2276	3.2274	1.3099	1.3095	2.1896
-2.00	-1.2900	1.0000	4.2275	3.2272	1.3100	1.3096	2.1896
-1.80	-1.0900	1.0000	4.2271	3.2269	1.3100	1.3092	2.1893
-1.60	-0.8900	1.0000	4.2270	3.2268	1.3100	1.3092	2.1893
-1.40	-0.6900	1.0001	4.2273	3.2266	1.3101	1.3093	2.1894
-1.20	-0.4900	1.0001	4.2276	3.2276	1.3098	1.3094	2.1896
-1.00	-0.2900	1.0001	4.2276	3.2274	1.3099	1.3096	2.1897
-0.80	-0.0900	1.0002	4.2271	3.2268	1.3100	1.3100	2.1902
-0.60	0.1102	1.0003	4.2265	3.2269	1.3098	1.3102	2.1904
-0.40	0.3102	1.0005	4.2270	3.2266	1.3100	1.3101	2.1906
-0.20	0.5104	1.0009	4.2268	3.2271	1.3098	1.3102	2.1911
0.0	0.7103	1.0013	4.2270	3.2262	1.3102	1.3077	2.1894
0.20	0.9106	1.0022	4.2258	3.2243	1.3106	1.3064	2.1893
0.40	1.1112	1.0034	4.2264	3.2249	1.3106	1.3084	2.1924
0.60	1.3121	1.0055	4.2270	3.2256	1.3104	1.3111	2.1969
0.80	1.5135	1.0088	4.2300	3.2270	1.3108	1.3156	2.2042
1.00	1.7157	1.0140	4.2331	3.2288	1.3111	1.3228	2.2160
1.20	1.9193	1.0223	4.2374	3.2317	1.3112	1.3341	2.2345
1.40	2.1250	1.0359	4.2451	3.2369	1.3115	1.3522	2.2645
1.60	2.3342	1.0580	4.2605	3.2451	1.3129	1.3823	2.3138
1.80	2.5489	1.0945	4.2836	3.2561	1.3156	1.4322	2.3956
2.00	2.7733	1.1578	4.3040	3.2759	1.3138	1.5107	2.5304
2.20	3.0129	1.2683	4.3617	3.3148	1.3158	1.6338	2.7539
2.40	3.2766	1.4687	4.4416	3.3671	1.3191	1.8658	3.1672
2.60	3.5923	1.9169	4.4826	3.4523	1.2985	2.2800	3.9996
2.80	3.9954	3.0600	4.5573	3.6745	1.2402	2.7981	5.5988
3.00	4.4980	6.1411	0.0	4.1079	0.0	0.0	0.0

T= 1500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2595	1.0012	0.0	4.4148	0.0	0.0	0.0
-6.80	-6.0596	1.0010	5.2185	4.1855	1.2468	1.2472	2.2129
-6.60	-5.8597	1.0008	5.0367	4.0025	1.2584	1.2568	2.2212
-6.40	-5.6598	1.0006	4.8835	3.8564	1.2663	1.2651	2.2283
-6.20	-5.4598	1.0005	4.7618	3.7402	1.2731	1.2722	2.2344
-6.00	-5.2599	1.0004	4.6646	3.6475	1.2789	1.2782	2.2396
-5.80	-5.0599	1.0003	4.5875	3.5737	1.2837	1.2833	2.2440
-5.60	-4.8599	1.0002	4.5260	3.5150	1.2876	1.2876	2.2476
-5.40	-4.6600	1.0002	4.4771	3.4683	1.2908	1.2910	2.2506
-5.20	-4.4600	1.0002	4.4381	3.4313	1.2934	1.2938	2.2529
-5.00	-4.2600	1.0001	4.4072	3.4018	1.2956	1.2961	2.2549
-4.80	-4.0600	1.0001	4.3827	3.3782	1.2973	1.2979	2.2564

T= 1500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.8600	1.0001	4.3632	3.3597	1.2987	1.2995	2.2578
-4.40	-3.6600	1.0001	4.3478	3.3448	1.2999	1.3004	2.2585
-4.20	-3.4600	1.0000	4.3353	3.3331	1.3007	1.3013	2.2593
-4.00	-3.2600	1.0000	4.3253	3.3237	1.3013	1.3020	2.2600
-3.80	-3.0600	1.0000	4.3178	3.3163	1.3020	1.3026	2.2605
-3.60	-2.8600	1.0000	4.3115	3.3103	1.3025	1.3032	2.2609
-3.40	-2.6600	1.0000	4.3067	3.3057	1.3028	1.3037	2.2614
-3.20	-2.4600	1.0000	4.3026	3.3020	1.3030	1.3039	2.2616
-3.00	-2.2600	1.0000	4.2994	3.2990	1.3033	1.3041	2.2618
-2.80	-2.0600	1.0000	4.2970	3.2967	1.3034	1.3045	2.2620
-2.60	-1.8600	1.0000	4.2955	3.2948	1.3037	1.3039	2.2615
-2.40	-1.6600	1.0000	4.2949	3.2945	1.3036	1.3033	2.2610
-2.20	-1.4600	1.0000	4.2935	3.2933	1.3037	1.3035	2.2612
-2.00	-1.2600	1.0000	4.2928	3.2923	1.3039	1.3037	2.2613
-1.80	-1.0600	1.0000	4.2931	3.2928	1.3038	1.3033	2.2610
-1.60	-0.8600	1.0000	4.2927	3.2923	1.3039	1.3035	2.2612
-1.40	-0.6600	1.0001	4.2922	3.2929	1.3035	1.3035	2.2612
-1.20	-0.4600	1.0001	4.2922	3.2923	1.3037	1.3036	2.2614
-1.00	-0.2600	1.0001	4.2926	3.2920	1.3039	1.3037	2.2616
-0.80	-0.0600	1.0002	4.2918	3.2918	1.3038	1.3039	2.2617
-0.60	0.1401	1.0003	4.2910	3.2914	1.3037	1.3041	2.2621
-0.40	0.3402	1.0005	4.2918	3.2912	1.3040	1.3043	2.2625
-0.20	0.5403	1.0009	4.2915	3.2916	1.3038	1.3044	2.2630
0.0	0.7403	1.0014	4.2881	3.2861	1.3049	1.3013	2.2608
0.20	0.9406	1.0022	4.2864	3.2859	1.3045	1.2995	2.2602
0.40	1.1412	1.0035	4.2877	3.2869	1.3045	1.3015	2.2634
0.60	1.3421	1.0056	4.2882	3.2871	1.3045	1.3042	2.2681
0.80	1.5435	1.0088	4.2897	3.2875	1.3049	1.3086	2.2756
1.00	1.7458	1.0141	4.2925	3.2889	1.3052	1.3157	2.2877
1.20	1.9493	1.0225	4.2946	3.2900	1.3053	1.3269	2.3069
1.40	2.1551	1.0362	4.2974	3.2906	1.3060	1.3450	2.3380
1.60	2.3643	1.0585	4.3048	3.2913	1.3079	1.3751	2.3894
1.80	2.5793	1.0955	4.3245	3.3015	1.3099	1.4238	2.4735
2.00	2.8036	1.1586	4.3347	3.3120	1.3088	1.5012	2.6119
2.20	3.0432	1.2693	4.3541	3.3146	1.3136	1.6253	2.8445
2.40	3.3071	1.4704	4.4082	3.3457	1.3176	1.8535	3.2695
2.60	3.6216	1.9138	4.4635	3.4352	1.2993	2.2505	4.1099
2.80	4.0193	3.0172	4.5191	3.6445	1.2400	2.7425	5.5972
3.00	4.5131	5.9351	0.0	4.0252	0.0	0.0	0.0

T= 1600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2302	1.0042	0.0	6.2309	0.0	0.0	0.0
-6.80	-6.0306	1.0034	6.7680	5.6552	1.1968	1.1966	2.2413
-6.60	-5.8309	1.0027	6.3017	5.1928	1.2135	1.2080	2.2512
-6.40	-5.6311	1.0021	5.9096	4.8221	1.2255	1.2203	2.2620
-6.20	-5.4313	1.0017	5.5954	4.5255	1.2364	1.2316	2.2719
-6.00	-5.2314	1.0013	5.3438	4.2883	1.2461	1.2419	2.2810
-5.80	-5.0316	1.0011	5.1430	4.0988	1.2548	1.2511	2.2892
-5.60	-4.8316	1.0009	4.9829	3.9478	1.2622	1.2592	2.2963
-5.40	-4.6317	1.0007	4.8555	3.8274	1.2686	1.2661	2.3024
-5.20	-4.4318	1.0005	4.7537	3.7315	1.2739	1.2720	2.3076
-5.00	-4.2318	1.0004	4.6728	3.6552	1.2784	1.2769	2.3119
-4.80	-4.0319	1.0003	4.6082	3.5946	1.2820	1.2810	2.3155

T= 1600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.8319	1.0003	4.5572	3.5461	1.2851	1.2844	2.3185
-4.40	-3.6319	1.0002	4.5165	3.5079	1.2875	1.2871	2.3209
-4.20	-3.4319	1.0002	4.4842	3.4772	1.2896	1.2894	2.3229
-4.00	-3.2320	1.0001	4.4586	3.4530	1.2912	1.2912	2.3245
-3.80	-3.0320	1.0001	4.4381	3.4338	1.2925	1.2927	2.3258
-3.60	-2.8320	1.0001	4.4217	3.4183	1.2935	1.2939	2.3268
-3.40	-2.6320	1.0001	4.4088	3.4061	1.2944	1.2948	2.3276
-3.20	-2.4320	1.0000	4.3986	3.3964	1.2951	1.2956	2.3283
-3.00	-2.2320	1.0000	4.3906	3.3888	1.2956	1.2962	2.3288
-2.80	-2.0320	1.0000	4.3840	3.3827	1.2960	1.2967	2.3293
-2.60	-1.8320	1.0000	4.3788	3.3779	1.2963	1.2971	2.3296
-2.40	-1.6320	1.0000	4.3746	3.3737	1.2967	1.2974	2.3299
-2.20	-1.4320	1.0000	4.3714	3.3707	1.2969	1.2976	2.3301
-2.00	-1.2320	1.0000	4.3686	3.3682	1.2970	1.2979	2.3303
-1.80	-1.0320	1.0000	4.3663	3.3660	1.2972	1.2980	2.3304
-1.60	-0.8320	1.0000	4.3648	3.3644	1.2974	1.2981	2.3306
-1.40	-0.6320	1.0001	4.3632	3.3629	1.2975	1.2983	2.3307
-1.20	-0.4320	1.0001	4.3624	3.3620	1.2976	1.2984	2.3309
-1.00	-0.2320	1.0001	4.3614	3.3614	1.2975	1.2985	2.3311
-0.80	-0.0319	1.0002	4.3610	3.3608	1.2976	1.2987	2.3313
-0.60	0.1681	1.0003	4.3607	3.3603	1.2977	1.2989	2.3316
-0.40	0.3682	1.0005	4.3603	3.3601	1.2977	1.2993	2.3322
-0.20	0.5684	1.0009	4.3592	3.3598	1.2975	1.2989	2.3323
0.0	0.7683	1.0014	4.3763	3.3780	1.2955	1.2996	2.3335
0.20	0.9687	1.0022	4.3811	3.3800	1.2962	1.3015	2.3361
0.40	1.1692	1.0035	4.3815	3.3807	1.2960	1.3031	2.3391
0.60	1.3701	1.0056	4.3817	3.3807	1.2961	1.3059	2.3440
0.80	1.5716	1.0089	4.3827	3.3808	1.2964	1.3104	2.3519
1.00	1.7738	1.0142	4.3853	3.3822	1.2966	1.3175	2.3645
1.20	1.9774	1.0227	4.3876	3.3828	1.2970	1.3288	2.3845
1.40	2.1832	1.0364	4.3891	3.3825	1.2976	1.3473	2.4170
1.60	2.3925	1.0588	4.3927	3.3817	1.2990	1.3776	2.4704
1.80	2.6076	1.0962	4.4106	3.3923	1.3002	1.4258	2.5572
2.00	2.8319	1.1593	4.4234	3.4014	1.3005	1.5039	2.7008
2.20	3.0715	1.2701	4.4383	3.3970	1.3065	1.6299	2.9430
2.40	3.3354	1.4714	4.4758	3.4239	1.3072	1.8562	3.3804
2.60	3.6487	1.9099	4.5253	3.5141	1.2878	2.2391	4.2299
2.80	4.0415	2.9769	4.5811	3.7130	1.2338	2.7066	5.8062
3.00	4.5275	5.7513	0.0	4.0452	0.0	0.0	0.0

T= 1700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2003	1.0124	0.0	10.7462	0.0	0.0	0.0
-6.80	-6.0014	1.0099	10.7017	9.3176	1.1486	1.1439	2.2662
-6.60	-5.8023	1.0079	9.4500	8.1558	1.1587	1.1550	2.2749
-6.40	-5.6030	1.0063	8.4508	7.2150	1.1713	1.1674	2.2853
-6.20	-5.4035	1.0050	7.6437	6.4554	1.1841	1.1802	2.2963
-6.00	-5.2040	1.0040	6.9951	5.8440	1.1970	1.1929	2.3075
-5.80	-5.0043	1.0032	6.4735	5.3529	1.2093	1.2054	2.3186
-5.60	-4.8046	1.0025	6.0548	4.9590	1.2210	1.2172	2.3291
-5.40	-4.6048	1.0020	5.7206	4.6440	1.2318	1.2282	2.3390
-5.20	-4.4050	1.0016	5.4529	4.3922	1.2415	1.2382	2.3481
-5.00	-4.2051	1.0013	5.2396	4.1912	1.2502	1.2472	2.3562
-4.80	-4.0053	1.0010	5.0695	4.0311	1.2576	1.2550	2.3632

T= 1700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.8053	1.0008	4.9335	3.9034	1.2639	1.2618	2.3693
-4.40	-3.6054	1.0006	4.8259	3.8018	1.2694	1.2675	2.3745
-4.20	-3.4055	1.0005	4.7399	3.7208	1.2739	1.2722	2.3788
-4.00	-3.2055	1.0004	4.6716	3.6564	1.2777	1.2763	2.3824
-3.80	-3.0056	1.0003	4.6170	3.6052	1.2806	1.2795	2.3854
-3.60	-2.8056	1.0003	4.5740	3.5647	1.2831	1.2822	2.3878
-3.40	-2.6056	1.0002	4.5397	3.5323	1.2852	1.2844	2.3898
-3.20	-2.4056	1.0002	4.5122	3.5065	1.2868	1.2861	2.3913
-3.00	-2.2056	1.0001	4.4908	3.4862	1.2882	1.2875	2.3926
-2.80	-2.0056	1.0001	4.4735	3.4698	1.2893	1.2887	2.3936
-2.60	-1.8057	1.0001	4.4602	3.4569	1.2902	1.2896	2.3945
-2.40	-1.6057	1.0001	4.4490	3.4467	1.2908	1.2904	2.3951
-2.20	-1.4057	1.0001	4.4402	3.4387	1.2913	1.2910	2.3957
-2.00	-1.2057	1.0000	4.4338	3.4321	1.2919	1.2915	2.3961
-1.80	-1.0057	1.0000	4.4283	3.4271	1.2921	1.2918	2.3964
-1.60	-0.8057	1.0001	4.4237	3.4229	1.2924	1.2921	2.3968
-1.40	-0.6057	1.0001	4.4207	3.4199	1.2926	1.2924	2.3970
-1.20	-0.4056	1.0001	4.4179	3.4172	1.2928	1.2927	2.3973
-1.00	-0.2056	1.0001	4.4156	3.4151	1.2930	1.2928	2.3975
-0.80	-0.0056	1.0002	4.4137	3.4137	1.2929	1.2931	2.3978
-0.60	0.1945	1.0004	4.4124	3.4124	1.2930	1.2934	2.3983
-0.40	0.3945	1.0006	4.4118	3.4114	1.2933	1.2938	2.3989
-0.20	0.5947	1.0009	4.4110	3.4108	1.2933	1.2934	2.3990
0.0	0.7946	1.0014	4.4116	3.4115	1.2932	1.2941	2.4002
0.20	0.9950	1.0022	4.4130	3.4123	1.2933	1.2961	2.4030
0.40	1.1956	1.0035	4.4135	3.4128	1.2932	1.2977	2.4061
0.60	1.3965	1.0056	4.4138	3.4127	1.2934	1.3005	2.4112
0.80	1.5979	1.0090	4.4145	3.4127	1.2935	1.3050	2.4194
1.00	1.8002	1.0143	4.4166	3.4141	1.2936	1.3120	2.4323
1.20	2.0038	1.0228	4.4192	3.4151	1.2940	1.3234	2.4530
1.40	2.2096	1.0366	4.4221	3.4161	1.2945	1.3418	2.4865
1.60	2.4190	1.0591	4.4268	3.4173	1.2954	1.3717	2.5413
1.80	2.6341	1.0967	4.4423	3.4283	1.2958	1.4189	2.6301
2.00	2.8584	1.1598	4.4615	3.4403	1.2968	1.4967	2.7779
2.20	3.0981	1.2708	4.4819	3.4458	1.3007	1.6212	3.0263
2.40	3.3619	1.4718	4.5215	3.4785	1.2998	1.8410	3.4706
2.60	3.6740	1.9054	4.5639	3.5672	1.2794	2.2089	4.3255
2.80	4.0622	2.9391	4.6202	3.7565	1.2299	2.6577	5.8928
3.00	4.5411	5.5862	0.0	4.0431	0.0	0.0	0.0

T= 1800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.1675	1.0312	0.0	19.0734	0.0	0.0	0.0
-6.80	-5.9700	1.0252	18.1994	16.2770	1.1181	1.1028	2.3069
-6.60	-5.7721	1.0203	15.6665	13.9153	1.1259	1.1176	2.3168
-6.40	-5.5738	1.0163	13.5385	11.9466	1.1333	1.1268	2.3217
-6.20	-5.3752	1.0131	11.7923	10.3232	1.1423	1.1370	2.3284
-6.00	-5.1764	1.0104	10.3651	8.9915	1.1528	1.1480	2.3367
-5.80	-4.9773	1.0083	9.2048	7.9067	1.1642	1.1598	2.3462
-5.60	-4.7780	1.0066	8.2647	7.0271	1.1761	1.1719	2.3565
-5.40	-4.5786	1.0053	7.5057	6.3167	1.1882	1.1843	2.3673
-5.20	-4.3790	1.0042	6.8950	5.7447	1.2002	1.1965	2.3782
-5.00	-4.1794	1.0034	6.4047	5.2850	1.2119	1.2093	2.3889
-4.80	-3.9797	1.0027	6.0123	4.9169	1.2228	1.2195	2.3990

T= 1800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.7799	1.0021	5.6981	4.6226	1.2327	1.2297	2.4085
-4.40	-3.5801	1.0017	5.4469	4.3871	1.2416	1.2389	2.4169
-4.20	-3.3803	1.0013	5.2472	4.1995	1.2495	1.2471	2.4245
-4.00	-3.1804	1.0011	5.0878	4.0499	1.2563	1.2542	2.4310
-3.80	-2.9805	1.0008	4.9609	3.9307	1.2621	1.2602	2.4365
-3.60	-2.7806	1.0007	4.8597	3.8359	1.2669	1.2653	2.4413
-3.40	-2.5806	1.0005	4.7791	3.7603	1.2709	1.2696	2.4452
-3.20	-2.3807	1.0004	4.7156	3.7002	1.2744	1.2731	2.4485
-3.00	-2.1807	1.0003	4.6644	3.6524	1.2771	1.2760	2.4512
-2.80	-1.9808	1.0003	4.6238	3.6145	1.2792	1.2784	2.4533
-2.60	-1.7808	1.0002	4.5919	3.5842	1.2811	1.2803	2.4551
-2.40	-1.5808	1.0002	4.5662	3.5604	1.2825	1.2818	2.4565
-2.20	-1.3808	1.0001	4.5463	3.5412	1.2838	1.2831	2.4577
-2.00	-1.1808	1.0001	4.5298	3.5261	1.2847	1.2840	2.4586
-1.80	-0.9808	1.0001	4.5169	3.5142	1.2854	1.2848	2.4593
-1.60	-0.7808	1.0001	4.5070	3.5046	1.2860	1.2855	2.4600
-1.40	-0.5808	1.0001	4.4988	3.4970	1.2865	1.2861	2.4606
-1.20	-0.3808	1.0001	4.4924	3.4910	1.2869	1.2865	2.4610
-1.00	-0.1808	1.0002	4.4874	3.4861	1.2872	1.2869	2.4614
-0.80	0.0192	1.0002	4.4835	3.4824	1.2875	1.2873	2.4619
-0.60	0.2193	1.0004	4.4802	3.4794	1.2876	1.2877	2.4624
-0.40	0.4194	1.0006	4.4782	3.4771	1.2879	1.2882	2.4631
-0.20	0.6195	1.0009	4.4737	3.4752	1.2873	1.2879	2.4633
0.0	0.8195	1.0014	4.4534	3.4539	1.2894	1.2887	2.4646
0.20	1.0198	1.0022	4.4530	3.4526	1.2898	1.2907	2.4676
0.40	1.2204	1.0036	4.4532	3.4523	1.2899	1.2924	2.4708
0.60	1.4213	1.0056	4.4528	3.4519	1.2900	1.2952	2.4761
0.80	1.6227	1.0090	4.4533	3.4518	1.2901	1.2997	2.4845
1.00	1.8250	1.0144	4.4547	3.4526	1.2902	1.3067	2.4977
1.20	2.0287	1.0229	4.4573	3.4540	1.2905	1.3180	2.5191
1.40	2.2345	1.0368	4.4613	3.4556	1.2910	1.3362	2.5535
1.60	2.4439	1.0594	4.4663	3.4581	1.2915	1.3655	2.6095
1.80	2.6591	1.0971	4.4793	3.4684	1.2915	1.4122	2.7003
2.00	2.8834	1.1603	4.5005	3.4815	1.2927	1.4896	2.8523
2.20	3.1231	1.2713	4.5241	3.4941	1.2948	1.6121	3.1058
2.40	3.3867	1.4718	4.5655	3.5306	1.2931	1.8260	3.5566
2.60	3.6977	1.9006	4.6128	3.6183	1.2749	2.1806	4.4166
2.80	4.0818	2.9037	4.6591	3.7967	1.2272	2.6131	5.9763
3.00	4.5543	5.4375	0.0	4.0430	0.0	0.0	0.0

T= 1900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.1294	1.0666	0.0	29.7908	0.0	0.0	0.0
-6.80	-5.9341	1.0550	29.7310	26.2487	1.1327	1.0927	2.3932
-6.60	-5.7382	1.0451	25.5532	22.8078	1.1204	1.0981	2.3879
-6.40	-5.5417	1.0367	22.0346	19.6522	1.1212	1.1036	2.3842
-6.20	-5.3447	1.0297	18.9559	16.8683	1.1238	1.1101	2.3831
-6.00	-5.1471	1.0240	16.3310	14.4752	1.1282	1.1176	2.3846
-5.80	-4.9491	1.0193	14.1315	12.4552	1.1346	1.1263	2.3883
-5.60	-4.7507	1.0155	12.3079	10.7714	1.1426	1.1359	2.3940
-5.40	-4.5520	1.0124	10.8076	9.3817	1.1520	1.1463	2.4013
-5.20	-4.3531	1.0099	9.5819	8.2431	1.1624	1.1576	2.4101
-5.00	-4.1540	1.0079	8.5862	7.3170	1.1735	1.1693	2.4198
-4.80	-3.9547	1.0063	7.7802	6.5666	1.1848	1.1812	2.4302

T= 1900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.7552	1.0050	7.1310	5.9610	1.1963	1.1930	2.4408
-4.40	-3.5557	1.0040	6.6088	5.4741	1.2073	1.2045	2.4512
-4.20	-3.3560	1.0032	6.1902	5.0829	1.2179	1.2154	2.4612
-4.00	-3.1563	1.0025	5.8550	4.7699	1.2275	1.2253	2.4705
-3.80	-2.9565	1.0020	5.5875	4.5200	1.2362	1.2344	2.4790
-3.60	-2.7567	1.0016	5.3738	4.3200	1.2439	1.2424	2.4865
-3.40	-2.5568	1.0013	5.2036	4.1607	1.2506	1.2494	2.4931
-3.20	-2.3569	1.0010	5.0681	4.0339	1.2564	1.2554	2.4988
-3.00	-2.1570	1.0008	4.9599	3.9329	1.2611	1.2605	2.5036
-2.80	-1.9571	1.0006	4.8741	3.8525	1.2652	1.2647	2.5075
-2.60	-1.7572	1.0005	4.8051	3.7884	1.2684	1.2682	2.5108
-2.40	-1.5572	1.0004	4.7512	3.7375	1.2712	1.2711	2.5135
-2.20	-1.3572	1.0003	4.7077	3.6971	1.2733	1.2734	2.5158
-2.00	-1.1573	1.0003	4.6734	3.6649	1.2752	1.2753	2.5175
-1.80	-0.9573	1.0002	4.6461	3.6393	1.2767	1.2769	2.5190
-1.60	-0.7573	1.0002	4.6246	3.6192	1.2778	1.2781	2.5202
-1.40	-0.5573	1.0002	4.6070	3.6028	1.2787	1.2792	2.5213
-1.20	-0.3573	1.0002	4.5935	3.5902	1.2795	1.2800	2.5221
-1.00	-0.1573	1.0002	4.5828	3.5799	1.2801	1.2807	2.5228
-0.80	0.0427	1.0003	4.5739	3.5718	1.2806	1.2813	2.5235
-0.60	0.2428	1.0004	4.5675	3.5655	1.2810	1.2819	2.5242
-0.40	0.4429	1.0006	4.5614	3.5604	1.2812	1.2825	2.5251
-0.20	0.6430	1.0009	4.5587	3.5564	1.2818	1.2824	2.5254
0.0	0.8430	1.0014	4.5595	3.5583	1.2814	1.2833	2.5269
0.20	1.0433	1.0023	4.5568	3.5562	1.2814	1.2854	2.5300
0.40	1.2439	1.0036	4.5555	3.5550	1.2815	1.2871	2.5334
0.60	1.4448	1.0057	4.5554	3.5542	1.2817	1.2900	2.5389
0.80	1.6462	1.0090	4.5554	3.5542	1.2817	1.2944	2.5474
1.00	1.8485	1.0144	4.5566	3.5547	1.2818	1.3014	2.5611
1.20	2.0522	1.0230	4.5593	3.5561	1.2821	1.3126	2.5829
1.40	2.2581	1.0369	4.5635	3.5587	1.2823	1.3306	2.6182
1.60	2.4675	1.0596	4.5692	3.5632	1.2823	1.3594	2.6752
1.80	2.6826	1.0973	4.5799	3.5717	1.2823	1.4057	2.7682
2.00	2.9071	1.1607	4.6008	3.5854	1.2832	1.4824	2.9239
2.20	3.1467	1.2716	4.6357	3.6084	1.2847	1.6024	3.1817
2.40	3.4100	1.4714	4.6780	3.6504	1.2815	1.8113	3.6390
2.60	3.7200	1.8955	4.7298	3.7361	1.2660	2.1544	4.5042
2.80	4.1003	2.8705	4.7683	3.9051	1.2211	2.5728	6.0575
3.00	4.5669	5.3030	0.0	4.1178	0.0	0.0	0.0

T= 2000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0972	1.1166	0.0	34.3623	0.0	0.0	0.0
-6.80	-5.8935	1.1005	37.4756	33.3074	1.1251	1.0927	2.5078
-6.60	-5.6996	1.0853	35.0270	31.1490	1.1245	1.0920	2.4896
-6.40	-5.5051	1.0714	31.8397	28.2985	1.1251	1.0943	2.4763
-6.20	-5.3101	1.0592	28.2986	25.1537	1.1250	1.0976	2.4658
-6.00	-5.1145	1.0487	24.7731	22.0195	1.1251	1.1018	2.4583
-5.80	-4.9182	1.0397	21.4990	19.0942	1.1259	1.1071	2.4536
-5.60	-4.7213	1.0323	18.5928	16.4750	1.1285	1.1134	2.4517
-5.40	-4.5239	1.0261	16.0871	14.2005	1.1328	1.1207	2.4524
-5.20	-4.3261	1.0210	13.9679	12.2633	1.1390	1.1291	2.4555
-5.00	-4.1278	1.0169	12.1980	10.6391	1.1465	1.1385	2.4607
-4.80	-3.9293	1.0135	10.7363	9.2936	1.1552	1.1487	2.4676

T= 2000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.7304	1.0109	9.5394	8.1873	1.1651	1.1596	2.4759
-4.40	-3.5314	1.0086	8.5647	7.2847	1.1757	1.1709	2.4853
-4.20	-3.3321	1.0069	7.7740	6.5525	1.1864	1.1824	2.4953
-4.00	-3.1327	1.0055	7.1370	5.9611	1.1973	1.1937	2.5055
-3.80	-2.9332	1.0044	6.6244	5.4842	1.2079	1.2047	2.5156
-3.60	-2.7336	1.0035	6.2128	5.1019	1.2177	1.2150	2.5252
-3.40	-2.5339	1.0028	5.8835	4.7956	1.2269	1.2245	2.5341
-3.20	-2.3342	1.0022	5.6202	4.5506	1.2351	1.2330	2.5422
-3.00	-2.1343	1.0017	5.4102	4.3549	1.2423	1.2405	2.5494
-2.80	-1.9345	1.0014	5.2428	4.1987	1.2487	1.2470	2.5556
-2.60	-1.7346	1.0011	5.1094	4.0744	1.2540	1.2527	2.5610
-2.40	-1.5347	1.0009	5.0031	3.9752	1.2586	1.2574	2.5656
-2.20	-1.3348	1.0007	4.9181	3.8966	1.2622	1.2613	2.5693
-2.00	-1.1349	1.0006	4.8513	3.8337	1.2654	1.2646	2.5725
-1.80	-0.9349	1.0005	4.7977	3.7838	1.2680	1.2673	2.5750
-1.60	-0.7349	1.0004	4.7552	3.7440	1.2701	1.2695	2.5772
-1.40	-0.5350	1.0003	4.7213	3.7125	1.2717	1.2712	2.5788
-1.20	-0.3350	1.0003	4.6941	3.6874	1.2730	1.2727	2.5803
-1.00	-0.1350	1.0003	4.6731	3.6676	1.2742	1.2739	2.5816
-0.80	0.0650	1.0004	4.6560	3.6519	1.2749	1.2749	2.5827
-0.60	0.2651	1.0005	4.6427	3.6393	1.2757	1.2758	2.5837
-0.40	0.4652	1.0006	4.6321	3.6293	1.2763	1.2767	2.5849
-0.20	0.6653	1.0010	4.6236	3.6215	1.2767	1.2768	2.5854
0.0	0.8652	1.0015	4.6164	3.6147	1.2771	1.2778	2.5871
0.20	1.0656	1.0023	4.6124	3.6107	1.2774	1.2800	2.5903
0.40	1.2662	1.0036	4.6090	3.6080	1.2774	1.2818	2.5938
0.60	1.4671	1.0057	4.6075	3.6063	1.2776	1.2847	2.5995
0.80	1.6685	1.0091	4.6062	3.6052	1.2776	1.2891	2.6083
1.00	1.8708	1.0145	4.6064	3.6050	1.2778	1.2961	2.6223
1.20	2.0745	1.0231	4.6089	3.6061	1.2781	1.3073	2.6448
1.40	2.2804	1.0370	4.6136	3.6093	1.2782	1.3250	2.6807
1.60	2.4898	1.0597	4.6203	3.6154	1.2779	1.3534	2.7388
1.80	2.7050	1.0974	4.6268	3.6215	1.2776	1.3995	2.8340
2.00	2.9294	1.1610	4.6463	3.6352	1.2782	1.4754	2.9930
2.20	3.1690	1.2717	4.6911	3.6677	1.2790	1.5928	3.2546
2.40	3.4321	1.4706	4.7351	3.7147	1.2747	1.7975	3.7183
2.60	3.7411	1.8901	4.7818	3.7983	1.2589	2.1303	4.5890
2.80	4.1179	2.8396	4.8210	3.9579	1.2181	2.5369	6.1380
3.00	4.5790	5.1810	0.0	4.1408	0.0	0.0	0.0

T= 2100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0480	1.1639	0.0	26.1450	0.0	0.0	0.0
-6.80	-5.8534	1.1496	33.0981	29.2156	1.1329	1.1049	2.6411
-6.60	-5.6594	1.1338	35.0335	31.0369	1.1288	1.0965	2.6129
-6.40	-5.4657	1.1174	35.4962	31.4465	1.1288	1.0954	2.5927
-6.20	-5.2720	1.1013	34.4937	30.5405	1.1294	1.0957	2.5742
-6.00	-5.0781	1.0860	32.3418	28.6238	1.1299	1.0970	2.5578
-5.80	-4.8837	1.0721	29.4622	26.0750	1.1299	1.0993	2.5441
-5.60	-4.6887	1.0599	26.2683	23.2522	1.1297	1.1027	2.5334
-5.40	-4.4930	1.0492	23.0865	20.4322	1.1299	1.1070	2.5256
-5.20	-4.2968	1.0402	20.1264	17.7895	1.1314	1.1124	2.5207
-5.00	-4.1000	1.0327	17.4866	15.4182	1.1341	1.1188	2.5188
-4.80	-3.9026	1.0264	15.2034	13.3509	1.1388	1.1262	2.5195

T= 2100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.7048	1.0213	13.2645	11.5863	1.1448	1.1347	2.5226
-4.40	-3.5066	1.0171	11.6445	10.1046	1.1524	1.1440	2.5278
-4.20	-3.3080	1.0137	10.3039	8.8755	1.1609	1.1541	2.5347
-4.00	-3.1092	1.0110	9.2045	7.8643	1.1704	1.1648	2.5429
-3.80	-2.9101	1.0087	8.3094	7.0391	1.1805	1.1758	2.5521
-3.60	-2.7109	1.0070	7.5834	6.3697	1.1905	1.1868	2.5618
-3.40	-2.5115	1.0056	6.9984	5.8284	1.2007	1.1975	2.5715
-3.20	-2.3120	1.0044	6.5270	5.3922	1.2104	1.2078	2.5811
-3.00	-2.1124	1.0035	6.1492	5.0422	1.2196	1.2174	2.5901
-2.80	-1.9127	1.0028	5.8468	4.7620	1.2278	1.2260	2.5984
-2.60	-1.7130	1.0022	5.6045	4.5377	1.2351	1.2338	2.6058
-2.40	-1.5131	1.0018	5.4121	4.3586	1.2417	1.2406	2.6124
-2.20	-1.3133	1.0014	5.2585	4.2157	1.2474	1.2464	2.6181
-2.00	-1.1134	1.0011	5.1355	4.1020	1.2520	1.2514	2.6229
-1.80	-0.9135	1.0009	5.0380	4.0114	1.2559	1.2556	2.6270
-1.60	-0.7136	1.0007	4.9606	3.9391	1.2593	1.2590	2.6304
-1.40	-0.5137	1.0006	4.8988	3.8817	1.2620	1.2619	2.6332
-1.20	-0.3137	1.0005	4.8494	3.8360	1.2642	1.2643	2.6356
-1.00	-0.1137	1.0005	4.8100	3.7998	1.2659	1.2662	2.6376
-0.80	0.0863	1.0005	4.7799	3.7709	1.2676	1.2678	2.6393
-0.60	0.2863	1.0006	4.7541	3.7480	1.2684	1.2693	2.6408
-0.40	0.4864	1.0007	4.7350	3.7299	1.2695	1.2706	2.6425
-0.20	0.6865	1.0010	4.7195	3.7155	1.2702	1.2710	2.6433
0.0	0.8865	1.0015	4.7070	3.7041	1.2709	1.2722	2.6452
0.20	1.0868	1.0023	4.6972	3.6951	1.2712	1.2746	2.6487
0.40	1.2874	1.0036	4.6901	3.6879	1.2718	1.2766	2.6526
0.60	1.4883	1.0057	4.6846	3.6827	1.2720	1.2797	2.6585
0.80	1.6897	1.0091	4.6806	3.6791	1.2722	1.2842	2.6677
1.00	1.8920	1.0145	4.6778	3.6764	1.2724	1.2913	2.6822
1.20	2.0957	1.0231	4.6778	3.6760	1.2725	1.3024	2.7051
1.40	2.3016	1.0371	4.6813	3.6780	1.2728	1.3201	2.7419
1.60	2.5110	1.0598	4.6867	3.6835	1.2724	1.3483	2.8012
1.80	2.7262	1.0974	4.6920	3.6883	1.2721	1.3941	2.8986
2.00	2.9507	1.1611	4.7089	3.7019	1.2720	1.4689	3.0603
2.20	3.1902	1.2716	4.7526	3.7359	1.2721	1.5844	3.3259
2.40	3.4530	1.4697	4.7976	3.7832	1.2681	1.7858	3.7966
2.60	3.7610	1.8847	4.8409	3.8649	1.2525	2.1097	4.6727
2.80	4.1346	2.8105	4.8790	4.0145	1.2154	2.5057	6.2188
3.00	4.5908	5.0697	0.0	4.1707	0.0	0.0	0.0

T= 2200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0176	1.1915	0.0	13.6987	0.0	0.0	0.0
-6.80	-5.8205	1.1836	19.7420	17.3794	1.1359	0.0	0.0
-6.60	-5.6243	1.1733	24.2313	21.2105	1.1424	0.0	0.0
-6.40	-5.4290	1.1606	28.0993	24.6795	1.1386	1.1082	2.7202
-6.20	-5.2346	1.1460	30.9893	27.2803	1.1360	1.1038	2.6976
-6.00	-5.0406	1.1300	32.5416	28.6705	1.1350	1.1014	2.6758
-5.80	-4.8470	1.1136	32.6437	28.7597	1.1350	1.1006	2.6554
-5.60	-4.6532	1.0977	31.4491	27.7033	1.1352	1.1010	2.6368
-5.40	-4.4592	1.0827	29.2934	25.8067	1.1351	1.1026	2.6207
-5.20	-4.2647	1.0692	26.5802	23.4221	1.1348	1.1052	2.6074
-5.00	-4.0695	1.0573	23.6704	20.8588	1.1348	1.1089	2.5971
-4.80	-3.8738	1.0470	20.8268	18.3410	1.1355	1.1136	2.5899

T= 2200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.6774	1.0384	18.2070	16.0066	1.1375	1.1193	2.5858
-4.40	-3.4804	1.0311	15.8867	13.9238	1.1410	1.1261	2.5846
-4.20	-3.2829	1.0252	13.8856	12.1155	1.1461	1.1338	2.5859
-4.00	-3.0850	1.0202	12.1911	10.5778	1.1525	1.1425	2.5896
-3.80	-2.8867	1.0163	10.7775	9.2898	1.1602	1.1519	2.5952
-3.60	-2.6881	1.0130	9.6104	8.2223	1.1688	1.1620	2.6024
-3.40	-2.4892	1.0104	8.6544	7.3467	1.1780	1.1725	2.6107
-3.20	-2.2901	1.0083	7.8766	6.6328	1.1875	1.1831	2.6198
-3.00	-2.0908	1.0066	7.2478	6.0538	1.1972	1.1935	2.6291
-2.80	-1.8914	1.0053	6.7402	5.5865	1.2065	1.2036	2.6383
-2.60	-1.6919	1.0042	6.3323	5.2104	1.2153	1.2130	2.6472
-2.40	-1.4923	1.0034	6.0053	4.9086	1.2234	1.2215	2.6554
-2.20	-1.2926	1.0027	5.7434	4.6670	1.2306	1.2292	2.6628
-2.00	-1.0928	1.0021	5.5346	4.4740	1.2371	1.2360	2.6694
-1.80	-0.8930	1.0017	5.3681	4.3195	1.2427	1.2418	2.6752
-1.60	-0.6931	1.0014	5.2348	4.1967	1.2474	1.2468	2.6801
-1.40	-0.4932	1.0011	5.1283	4.0986	1.2512	1.2511	2.6843
-1.20	-0.2933	1.0009	5.0448	4.0206	1.2547	1.2546	2.6879
-1.00	-0.0934	1.0008	4.9777	3.9583	1.2575	1.2575	2.6908
-0.80	0.1066	1.0007	4.9237	3.9090	1.2596	1.2600	2.6933
-0.60	0.3066	1.0008	4.8815	3.8698	1.2614	1.2621	2.6956
-0.40	0.5067	1.0009	4.8475	3.8385	1.2628	1.2640	2.6978
-0.20	0.7068	1.0012	4.8214	3.8138	1.2642	1.2648	2.6990
0.0	0.9067	1.0016	4.8003	3.7941	1.2652	1.2664	2.7013
0.20	1.1070	1.0024	4.7816	3.7775	1.2658	1.2692	2.7054
0.40	1.3076	1.0037	4.7671	3.7633	1.2667	1.2716	2.7097
0.60	1.5085	1.0058	4.7563	3.7530	1.2673	1.2748	2.7160
0.80	1.7100	1.0092	4.7476	3.7452	1.2676	1.2796	2.7256
1.00	1.9123	1.0145	4.7416	3.7392	1.2681	1.2868	2.7405
1.20	2.1160	1.0232	4.7381	3.7358	1.2683	1.2979	2.7640
1.40	2.3218	1.0371	4.7374	3.7357	1.2682	1.3155	2.8016
1.60	2.5313	1.0599	4.7410	3.7389	1.2680	1.3436	2.8622
1.80	2.7464	1.0975	4.7463	3.7433	1.2679	1.3893	2.9617
2.00	2.9708	1.1610	4.7593	3.7558	1.2672	1.4630	3.1260
2.20	3.2103	1.2713	4.7938	3.7864	1.2661	1.5771	3.3959
2.40	3.4729	1.4686	4.8388	3.8310	1.2631	1.7759	3.8738
2.60	3.7800	1.8792	4.8818	3.9116	1.2480	2.0918	4.7552
2.80	4.1506	2.7833	4.9214	4.0532	1.2142	2.4784	6.2997
3.00	4.6022	4.9681	0.0	4.1874	0.0	0.0	0.0

T= 2300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9943	1.2027	0.0	6.9373	0.0	0.0	0.0
-6.80	-5.7955	1.1993	10.3540	8.7025	1.1898	0.0	0.0
-6.60	-5.5972	1.1945	13.0519	11.1521	1.1704	1.1552	2.8809
-6.40	-5.3997	1.1877	16.4835	14.2136	1.1597	1.1395	2.8530
-6.20	-5.2030	1.1787	20.3421	17.6626	1.1517	1.1266	2.8262
-6.00	-5.0072	1.1673	24.1519	21.0724	1.1461	1.1175	2.8011
-5.80	-4.8123	1.1537	27.3592	23.9309	1.1433	1.1115	2.7771
-5.60	-4.6181	1.1383	29.4885	25.8282	1.1417	1.1078	2.7541
-5.40	-4.4244	1.1221	30.2893	26.5471	1.1410	1.1061	2.7322
-5.20	-4.2307	1.1059	29.7977	26.1143	1.1410	1.1058	2.7120
-5.00	-4.0368	1.0904	28.2474	24.7631	1.1407	1.1068	2.6941
-4.80	-3.8426	1.0761	26.0010	22.8029	1.1402	1.1089	2.6790

T= 2300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.6478	1.0633	23.4170	20.5408	1.1400	1.1121	2.6669
-4.40	-3.4523	1.0522	20.7810	18.2229	1.1404	1.1163	2.6579
-4.20	-3.2562	1.0427	18.2820	16.0098	1.1419	1.1216	2.6522
-4.00	-3.0596	1.0348	16.0246	13.9969	1.1449	1.1279	2.6494
-3.80	-2.8624	1.0282	14.0485	12.2242	1.1492	1.1352	2.6495
-3.60	-2.6647	1.0227	12.3582	10.6999	1.1550	1.1434	2.6520
-3.40	-2.4666	1.0183	10.9367	9.4129	1.1619	1.1524	2.6566
-3.20	-2.2681	1.0146	9.7570	8.3398	1.1699	1.1620	2.6629
-3.00	-2.0694	1.0117	8.7864	7.4553	1.1785	1.1720	2.6705
-2.80	-1.8704	1.0094	7.9940	6.7315	1.1876	1.1821	2.6789
-2.60	-1.6712	1.0075	7.3523	6.1432	1.1968	1.1922	2.6877
-2.40	-1.4718	1.0060	6.8320	5.6671	1.2056	1.2018	2.6966
-2.20	-1.2724	1.0048	6.4148	5.2834	1.2142	1.2108	2.7050
-2.00	-1.0728	1.0038	6.0792	4.9748	1.2220	1.2191	2.7129
-1.80	-0.8731	1.0030	5.8104	4.7277	1.2290	1.2265	2.7202
-1.60	-0.6734	1.0024	5.5955	4.5298	1.2353	1.2331	2.7266
-1.40	-0.4736	1.0020	5.4240	4.3719	1.2407	1.2388	2.7323
-1.20	-0.2737	1.0016	5.2871	4.2458	1.2453	1.2437	2.7372
-1.00	-0.0738	1.0013	5.1788	4.1454	1.2493	1.2477	2.7413
-0.80	0.1261	1.0012	5.0913	4.0652	1.2524	1.2512	2.7449
-0.60	0.3261	1.0011	5.0230	4.0016	1.2552	1.2542	2.7481
-0.40	0.5261	1.0012	4.9679	3.9510	1.2574	1.2569	2.7510
-0.20	0.7262	1.0014	4.9242	3.9107	1.2591	1.2583	2.7528
0.0	0.9261	1.0018	4.8892	3.8786	1.2606	1.2604	2.7557
0.20	1.1264	1.0025	4.8606	3.8520	1.2618	1.2636	2.7603
0.40	1.3270	1.0038	4.8365	3.8300	1.2628	1.2663	2.7650
0.60	1.5279	1.0059	4.8181	3.8131	1.2636	1.2698	2.7716
0.80	1.7293	1.0092	4.8045	3.8001	1.2643	1.2747	2.7816
1.00	1.9316	1.0146	4.7937	3.7903	1.2647	1.2820	2.7970
1.20	2.1353	1.0232	4.7865	3.7837	1.2650	1.2932	2.8211
1.40	2.3412	1.0372	4.7826	3.7803	1.2651	1.3107	2.8594
1.60	2.5506	1.0599	4.7830	3.7810	1.2650	1.3388	2.9214
1.80	2.7657	1.0975	4.7864	3.7840	1.2649	1.3841	3.0226
2.00	2.9901	1.1609	4.7952	3.7943	1.2638	1.4570	3.1896
2.20	3.2294	1.2709	4.8235	3.8204	1.2626	1.5702	3.4640
2.40	3.4919	1.4674	4.8652	3.8622	1.2597	1.7664	3.9486
2.60	3.7980	1.8737	4.9125	3.9419	1.2462	2.0751	4.8353
2.80	4.1659	2.7578	4.9440	4.0733	1.2138	2.4537	6.3796
3.00	4.6133	4.8748	0.0	4.1855	0.0	0.0	0.0

T= 2400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9743	1.2068	0.0	4.7179	0.0	0.0	0.0
-6.80	-5.7748	1.2054	6.7368	5.3614	1.2565	0.0	0.0
-6.60	-5.5756	1.2033	7.7827	6.3280	1.2299	0.0	0.0
-6.40	-5.3766	1.2003	9.3302	7.7482	1.2042	1.1938	2.9988
-6.20	-5.1782	1.1959	11.5331	9.7476	1.1832	1.1706	2.9641
-6.00	-4.9805	1.1898	14.4262	12.3440	1.1687	1.1516	2.9324
-5.80	-4.7835	1.1815	17.8392	15.3862	1.1594	1.1369	2.9034
-5.60	-4.5874	1.1708	21.3881	18.5493	1.1530	1.1262	2.8767
-5.40	-4.3923	1.1578	24.5703	21.3733	1.1496	1.1189	2.8514
-5.20	-4.1979	1.1430	26.8857	23.4243	1.1478	1.1143	2.8272
-5.00	-4.0040	1.1270	28.0270	24.4379	1.1469	1.1118	2.8042
-4.80	-3.8103	1.1107	27.9350	24.3684	1.1464	1.1110	2.7829

T= 2400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.6165	1.0950	26.7933	23.3817	1.1459	1.1115	2.7638
-4.40	-3.4224	1.0803	24.9092	21.7461	1.1455	1.1133	2.7473
-4.20	-3.2277	1.0670	22.6198	19.7556	1.1450	1.1162	2.7340
-4.00	-3.0325	1.0554	20.2118	17.6490	1.1452	1.1201	2.7239
-3.80	-2.8366	1.0455	17.8833	15.5982	1.1465	1.1251	2.7171
-3.60	-2.6401	1.0371	15.7499	13.7057	1.1491	1.1312	2.7134
-3.40	-2.4431	1.0301	13.8623	12.0225	1.1530	1.1382	2.7126
-3.20	-2.2455	1.0243	12.2371	10.5646	1.1583	1.1461	2.7143
-3.00	-2.0475	1.0195	10.8632	9.3266	1.1648	1.1547	2.7182
-2.80	-1.8492	1.0157	9.7186	8.2909	1.1722	1.1640	2.7239
-2.60	-1.6505	1.0126	8.7734	7.4338	1.1802	1.1736	2.7309
-2.40	-1.4516	1.0100	8.0015	6.7312	1.1887	1.1832	2.7387
-2.20	-1.2525	1.0080	7.3732	6.1587	1.1972	1.1928	2.7470
-2.00	-1.0532	1.0064	6.8652	5.6948	1.2055	1.2020	2.7554
-1.80	-0.8537	1.0051	6.4555	5.3206	1.2133	1.2105	2.7634
-1.60	-0.6542	1.0041	6.1266	5.0197	1.2205	1.2184	2.7709
-1.40	-0.4545	1.0033	5.8634	4.7780	1.2272	1.2254	2.7778
-1.20	-0.2548	1.0026	5.6524	4.5847	1.2329	1.2316	2.7839
-1.00	-0.0550	1.0022	5.4839	4.4304	1.2378	1.2369	2.7893
-0.80	0.1449	1.0018	5.3496	4.3071	1.2420	1.2416	2.7940
-0.60	0.3448	1.0016	5.2425	4.2085	1.2457	1.2456	2.7982
-0.40	0.5447	1.0016	5.1576	4.1304	1.2487	1.2491	2.8021
-0.20	0.7448	1.0017	5.0890	4.0680	1.2510	1.2512	2.8046
0.0	0.9447	1.0021	5.0350	4.0185	1.2530	1.2540	2.8082
0.20	1.1450	1.0027	4.9931	3.9793	1.2548	1.2577	2.8133
0.40	1.3455	1.0040	4.9596	3.9486	1.2560	1.2606	2.8184
0.60	1.5464	1.0060	4.9329	3.9244	1.2570	1.2644	2.8254
0.80	1.7478	1.0093	4.9122	3.9054	1.2578	1.2695	2.8357
1.00	1.9501	1.0147	4.8965	3.8911	1.2584	1.2769	2.8516
1.20	2.1538	1.0233	4.8840	3.8804	1.2586	1.2881	2.8762
1.40	2.3597	1.0372	4.8762	3.8735	1.2589	1.3057	2.9154
1.60	2.5691	1.0600	4.8727	3.8703	1.2590	1.3337	2.9786
1.80	2.7842	1.0975	4.8734	3.8717	1.2587	1.3788	3.0816
2.00	3.0085	1.1607	4.8769	3.8793	1.2572	1.4510	3.2512
2.20	3.2477	1.2704	4.8987	3.8973	1.2569	1.5634	3.5303
2.40	3.5099	1.4661	4.9343	3.9344	1.2542	1.7574	4.0213
2.60	3.8152	1.8682	4.9829	4.0135	1.2416	2.0592	4.9130
2.80	4.1806	2.7339	5.0117	4.1368	1.2115	2.4310	6.4583
3.00	4.6240	4.7889	0.0	4.2310	0.0	0.0	0.0

T= 2500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9560	1.2084	0.0	3.9928	0.0	0.0	0.0
-6.80	-5.7562	1.2077	5.5230	4.2296	1.3058	0.0	0.0
-6.60	-5.5566	1.2068	5.9249	4.6015	1.2876	0.0	0.0
-6.40	-5.3571	1.2054	6.5398	5.1656	1.2660	1.2565	3.1467
-6.20	-5.1578	1.2034	7.4581	6.0113	1.2407	1.2305	3.1114
-6.00	-4.9589	1.2004	8.8117	7.2534	1.2148	1.2046	3.0747
-5.80	-4.7604	1.1962	10.7295	8.9889	1.1936	1.1809	3.0389
-5.60	-4.5626	1.1903	13.2697	11.2713	1.1773	1.1609	3.0056
-5.40	-4.3655	1.1822	16.3226	13.9924	1.1665	1.1452	2.9751
-5.20	-4.1693	1.1719	19.5774	16.8837	1.1595	1.1335	2.9469
-5.00	-3.9740	1.1592	22.5716	19.5319	1.1556	1.1254	2.9204
-4.80	-3.7796	1.1446	24.8300	21.5294	1.1533	1.1203	2.8953

T= 2500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.5856	1.1287	26.0352	22.5923	1.1524	1.1173	2.8714
-4.40	-3.3919	1.1125	26.1005	22.6607	1.1518	1.1162	2.8492
-4.20	-3.1981	1.0967	25.1693	21.8604	1.1514	1.1165	2.8293
-4.00	-3.0040	1.0819	23.5172	20.4384	1.1506	1.1181	2.8121
-3.80	-2.8094	1.0685	21.4595	18.6579	1.1502	1.1209	2.7981
-3.60	-2.6142	1.0567	19.2632	16.7462	1.1503	1.1247	2.7875
-3.40	-2.4184	1.0466	17.1180	14.8658	1.1515	1.1296	2.7801
-3.20	-2.2220	1.0380	15.1379	13.1187	1.1539	1.1356	2.7759
-3.00	-2.0250	1.0308	13.3798	11.5568	1.1577	1.1425	2.7747
-2.80	-1.8275	1.0249	11.8595	10.1990	1.1628	1.1502	2.7761
-2.60	-1.6296	1.0200	10.5710	9.0436	1.1689	1.1586	2.7796
-2.40	-1.4313	1.0161	9.4948	8.0739	1.1760	1.1675	2.7849
-2.20	-1.2326	1.0129	8.6058	7.2713	1.1835	1.1768	2.7915
-2.00	-1.0337	1.0103	7.8782	6.6123	1.1914	1.1860	2.7989
-1.80	-0.8346	1.0083	7.2855	6.0746	1.1993	1.1951	2.8067
-1.60	-0.6353	1.0066	6.8064	5.6389	1.2071	1.2037	2.8144
-1.40	-0.4359	1.0053	6.4200	5.2872	1.2142	1.2117	2.8220
-1.20	-0.2364	1.0043	6.1091	5.0040	1.2209	1.2190	2.8290
-1.00	-0.0367	1.0035	5.8600	4.7766	1.2268	1.2256	2.8355
-0.80	0.1630	1.0029	5.6609	4.5948	1.2320	1.2313	2.8413
-0.60	0.3629	1.0024	5.5020	4.4494	1.2366	1.2363	2.8464
-0.40	0.5628	1.0022	5.3747	4.3331	1.2404	1.2408	2.8512
-0.20	0.7627	1.0022	5.2738	4.2406	1.2437	1.2438	2.8547
0.0	0.9626	1.0025	5.1938	4.1670	1.2464	1.2472	2.8590
0.20	1.1629	1.0031	5.1306	4.1102	1.2483	1.2514	2.8647
0.40	1.3634	1.0042	5.0830	4.0667	1.2499	1.2548	2.8703
0.60	1.5642	1.0062	5.0447	4.0320	1.2512	1.2589	2.8777
0.80	1.7656	1.0095	5.0145	4.0045	1.2522	1.2643	2.8885
1.00	1.9679	1.0148	4.9912	3.9836	1.2529	1.2718	2.9048
1.20	2.1716	1.0234	4.9732	3.9675	1.2535	1.2833	2.9301
1.40	2.3774	1.0373	4.9600	3.9556	1.2539	1.3009	2.9702
1.60	2.5868	1.0600	4.9503	3.9478	1.2540	1.3290	3.0346
1.80	2.8019	1.0974	4.9475	3.9462	1.2537	1.3736	3.1392
2.00	3.0262	1.1605	4.9479	3.9505	1.2525	1.4455	3.3116
2.20	3.2653	1.2698	4.9613	3.9603	1.2527	1.5573	3.5955
2.40	3.5272	1.4646	4.9874	3.9918	1.2494	1.7487	4.0919
2.60	3.8317	1.8628	5.0333	4.0697	1.2368	2.0440	4.9886
2.80	4.1947	2.7114	5.0657	4.1852	1.2104	2.4102	6.5363
3.00	4.6345	4.7097	0.0	4.2669	0.0	0.0	0.0

T= 2600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9387	1.2092	0.0	3.8385	0.0	0.0	0.0
-6.80	-5.7388	1.2088	5.1436	3.8881	1.3229	0.0	0.0
-6.60	-5.5390	1.2083	5.2781	4.0066	1.3173	0.0	0.0
-6.40	-5.3392	1.2076	5.5119	4.2181	1.3067	1.2996	3.2666
-6.20	-5.1396	1.2066	5.8868	4.5605	1.2908	1.2824	3.2435
-6.00	-4.9401	1.2051	6.4628	5.0886	1.2701	1.2607	3.2141
-5.80	-4.7409	1.2030	7.3281	5.8803	1.2462	1.2361	3.1797
-5.60	-4.5420	1.2000	8.5920	7.0305	1.2221	1.2108	3.1430
-5.40	-4.3436	1.1956	10.3654	8.6331	1.2007	1.1873	3.1067
-5.20	-4.1458	1.1896	12.6979	10.7250	1.1839	1.1672	3.0725
-5.00	-3.9488	1.1815	15.4939	13.2104	1.1729	1.1512	3.0409
-4.80	-3.7526	1.1710	18.4704	15.8460	1.1656	1.1393	3.0117

T= 2600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.5574	1.1582	21.1987	18.2522	1.1614	1.1310	2.9843
-4.40	-3.3629	1.1436	23.2461	20.0523	1.1593	1.1256	2.9583
-4.20	-3.1690	1.1277	24.3134	20.9960	1.1580	1.1225	2.9338
-4.00	-2.9752	1.1116	24.3413	21.0294	1.1575	1.1214	2.9111
-3.80	-2.7814	1.0958	23.4571	20.2799	1.1567	1.1217	2.8909
-3.60	-2.5873	1.0811	21.9263	18.9689	1.1559	1.1233	2.8735
-3.40	-2.3927	1.0678	20.0361	17.3400	1.1555	1.1261	2.8593
-3.20	-2.1974	1.0561	18.0242	15.5955	1.1557	1.1300	2.8486
-3.00	-2.0016	1.0461	16.0637	13.8836	1.1570	1.1350	2.8412
-2.80	-1.8051	1.0376	14.2551	12.2933	1.1596	1.1410	2.8371
-2.60	-1.6081	1.0305	12.6503	10.8739	1.1634	1.1478	2.8359
-2.40	-1.4106	1.0246	11.2635	9.6403	1.1684	1.1555	2.8372
-2.20	-1.2126	1.0198	10.0886	8.5900	1.1745	1.1638	2.8407
-2.00	-1.0143	1.0159	9.1063	7.7101	1.1811	1.1724	2.8458
-1.80	-0.8157	1.0128	8.2976	6.9810	1.1886	1.1813	2.8521
-1.60	-0.6167	1.0102	7.6342	6.3825	1.1961	1.1901	2.8591
-1.40	-0.4176	1.0082	7.0943	5.8948	1.2035	1.1987	2.8665
-1.20	-0.2183	1.0066	6.6577	5.4990	1.2107	1.2067	2.8737
-1.00	-0.0189	1.0053	6.3055	5.1797	1.2173	1.2141	2.8807
-0.80	0.1807	1.0043	6.0228	4.9226	1.2235	1.2208	2.8873
-0.60	0.3804	1.0036	5.7956	4.7167	1.2288	1.2268	2.8933
-0.40	0.5802	1.0032	5.6139	4.5516	1.2334	1.2321	2.8989
-0.20	0.7801	1.0030	5.4694	4.4197	1.2375	1.2361	2.9033
0.0	0.9799	1.0031	5.3533	4.3144	1.2408	1.2403	2.9084
0.20	1.1801	1.0035	5.2620	4.2309	1.2437	1.2452	2.9148
0.40	1.3806	1.0046	5.1898	4.1659	1.2458	1.2492	2.9211
0.60	1.5814	1.0065	5.1324	4.1135	1.2477	1.2538	2.9292
0.80	1.7828	1.0097	5.0870	4.0722	1.2492	1.2596	2.9406
1.00	1.9850	1.0150	5.0511	4.0402	1.2502	1.2675	2.9575
1.20	2.1887	1.0235	5.0239	4.0152	1.2512	1.2792	2.9835
1.40	2.3945	1.0374	5.0014	3.9957	1.2517	1.2970	3.0245
1.60	2.6039	1.0600	4.9857	3.9820	1.2520	1.3251	3.0903
1.80	2.8189	1.0974	4.9764	3.9762	1.2515	1.3696	3.1966
2.00	3.0431	1.1603	4.9740	3.9762	1.2510	1.4411	3.3717
2.20	3.2821	1.2693	4.9828	3.9820	1.2513	1.5523	3.6599
2.40	3.5438	1.4631	5.0029	4.0114	1.2472	1.7414	4.1623
2.60	3.8475	1.8574	5.0467	4.0867	1.2349	2.0305	5.0635
2.80	4.2084	2.6903	5.0793	4.1940	1.2111	2.3919	6.6145
3.00	4.6447	4.6365	0.0	4.2636	0.0	0.0	0.0

T= 2700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9220	1.2099	0.0	4.0698	0.0	0.0	0.0
-6.80	-5.7221	1.2096	5.2404	3.9893	1.3136	0.0	0.0
-6.60	-5.5223	1.2092	5.2169	3.9608	1.3171	0.0	0.0
-6.40	-5.3224	1.2088	5.2537	3.9909	1.3164	0.0	0.0
-6.20	-5.1227	1.2082	5.3699	4.0942	1.3116	1.3074	3.3395
-6.00	-4.9229	1.2073	5.5924	4.2937	1.3025	1.2969	3.3249
-5.80	-4.7234	1.2062	5.9614	4.6277	1.2882	1.2811	3.3031
-5.60	-4.5239	1.2046	6.5333	5.1485	1.2690	1.2606	3.2744
-5.40	-4.3248	1.2023	7.3898	5.9272	1.2468	1.2371	3.2406
-5.20	-4.1260	1.1989	8.6292	7.0503	1.2239	1.2128	3.2042
-5.00	-3.9277	1.1942	10.3464	8.5944	1.2039	1.1901	3.1678
-4.80	-3.7300	1.1878	12.5667	10.5760	1.1882	1.1706	3.1332

T= 2700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.5332	1.1792	15.1770	12.8918	1.1773	1.1551	3.1010
-4.40	-3.3373	1.1682	17.8931	15.2871	1.1705	1.1435	3.0712
-4.20	-3.1422	1.1551	20.3141	17.4103	1.1668	1.1355	3.0431
-4.00	-2.9478	1.1402	22.0448	18.9301	1.1645	1.1304	3.0166
-3.80	-2.7539	1.1243	22.8530	19.6435	1.1634	1.1275	2.9917
-3.60	-2.5602	1.1082	22.7130	19.5370	1.1626	1.1265	2.9688
-3.40	-2.3663	1.0926	21.7755	18.7459	1.1616	1.1270	2.9486
-3.20	-2.1721	1.0782	20.2954	17.4821	1.1609	1.1288	2.9315
-3.00	-1.9773	1.0653	18.5286	15.9657	1.1605	1.1318	2.9177
-2.80	-1.7820	1.0540	16.6818	14.3697	1.1609	1.1360	2.9074
-2.60	-1.5860	1.0442	14.9040	12.8207	1.1625	1.1411	2.9005
-2.40	-1.3894	1.0360	13.2748	11.3932	1.1652	1.1472	2.8968
-2.20	-1.1923	1.0292	11.8367	10.1242	1.1691	1.1541	2.8960
-2.00	-0.9946	1.0236	10.5981	9.0268	1.1741	1.1617	2.8976
-1.80	-0.7966	1.0190	9.5517	8.0948	1.1800	1.1698	2.9011
-1.60	-0.5982	1.0153	8.6796	7.3153	1.1865	1.1783	2.9062
-1.40	-0.3995	1.0122	7.9615	6.6709	1.1935	1.1868	2.9123
-1.20	-0.2005	1.0098	7.3733	6.1426	1.2004	1.1950	2.9190
-1.00	-0.0014	1.0079	6.8965	5.7123	1.2073	1.2029	2.9259
-0.80	0.1980	1.0064	6.5096	5.3639	1.2136	1.2103	2.9327
-0.60	0.3975	1.0053	6.1980	5.0823	1.2195	1.2171	2.9392
-0.40	0.5972	1.0045	5.9480	4.8563	1.2248	1.2233	2.9455
-0.20	0.7970	1.0040	5.7474	4.6750	1.2294	1.2280	2.9505
0.0	0.9966	1.0039	5.5869	4.5296	1.2334	1.2330	2.9563
0.20	1.1968	1.0042	5.4584	4.4129	1.2369	1.2387	2.9635
0.40	1.3972	1.0051	5.3549	4.3188	1.2399	1.2434	2.9705
0.60	1.5979	1.0069	5.2723	4.2442	1.2422	1.2486	2.9794
0.80	1.7993	1.0101	5.2069	4.1848	1.2442	1.2550	2.9916
1.00	2.0015	1.0152	5.1550	4.1379	1.2458	1.2633	3.0093
1.20	2.2051	1.0237	5.1139	4.1011	1.2470	1.2754	3.0361
1.40	2.4109	1.0375	5.0819	4.0727	1.2478	1.2934	3.0781
1.60	2.6203	1.0601	5.0574	4.0516	1.2482	1.3216	3.1450
1.80	2.8353	1.0974	5.0415	4.0396	1.2480	1.3660	3.2533
2.00	3.0595	1.1601	5.0330	4.0352	1.2473	1.4373	3.4311
2.20	3.2983	1.2687	5.0375	4.0385	1.2474	1.5476	3.7229
2.40	3.5598	1.4616	5.0556	4.0665	1.2432	1.7343	4.2309
2.60	3.8626	1.8521	5.0981	4.1405	1.2313	2.0179	5.1369
2.80	4.2215	2.6705	5.1308	4.2416	1.2097	2.3751	6.6920
3.00	4.6547	4.5685	0.0	4.2982	0.0	0.0	0.0

T= 2800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9059	1.2109	0.0	4.6438	0.0	0.0	0.0
-6.80	-5.7060	1.2105	5.6892	4.4133	1.2891	0.0	0.0
-6.60	-5.5062	1.2101	5.5126	4.2466	1.2981	0.0	0.0
-6.40	-5.3063	1.2096	5.4017	4.1389	1.3051	0.0	0.0
-6.20	-5.1065	1.2092	5.3561	4.0911	1.3092	1.3066	3.4012
-6.00	-4.9067	1.2086	5.3829	4.1090	1.3100	1.3066	3.4003
-5.80	-4.7070	1.2079	5.4959	4.2072	1.3063	1.3020	3.3934
-5.60	-4.5073	1.2069	5.7235	4.4106	1.2977	1.2922	3.3792
-5.40	-4.3078	1.2056	6.1084	4.7577	1.2839	1.2771	3.3575
-5.20	-4.1085	1.2037	6.7068	5.2993	1.2656	1.2573	3.3289
-5.00	-3.9094	1.2010	7.5980	6.1064	1.2443	1.2347	3.2952
-4.80	-3.7108	1.1972	8.8732	7.2557	1.2229	1.2115	3.2588

T= 2800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.5127	1.1919	10.6014	8.8003	1.2047	1.1899	3.2226
-4.40	-3.3154	1.1848	12.7683	10.7270	1.1903	1.1716	3.1880
-4.20	-3.1188	1.1754	15.2306	12.8982	1.1808	1.1571	3.1557
-4.00	-2.9231	1.1637	17.6819	15.0498	1.1749	1.1464	3.1254
-3.80	-2.7283	1.1499	19.7425	16.8513	1.1716	1.1391	3.0970
-3.60	-2.5341	1.1347	21.0812	18.0249	1.1696	1.1346	3.0702
-3.40	-2.3403	1.1187	21.5405	18.4374	1.1683	1.1322	3.0452
-3.20	-2.1465	1.1027	21.1568	18.1256	1.1672	1.1316	3.0227
-3.00	-1.9525	1.0876	20.1103	17.2439	1.1662	1.1325	3.0030
-2.80	-1.7581	1.0737	18.6416	15.9943	1.1655	1.1346	2.9866
-2.60	-1.5632	1.0613	16.9749	14.5653	1.1654	1.1380	2.9737
-2.40	-1.3676	1.0505	15.2831	13.1051	1.1662	1.1424	2.9643
-2.20	-1.1714	1.0413	13.6810	11.7126	1.1681	1.1478	2.9583
-2.00	-0.9746	1.0336	12.2336	10.4456	1.1712	1.1541	2.9554
-1.80	-0.7773	1.0272	10.9647	9.3291	1.1753	1.1611	2.9552
-1.60	-0.5795	1.0220	9.8791	8.3698	1.1803	1.1687	2.9572
-1.40	-0.3814	1.0177	8.9667	7.5592	1.1862	1.1767	2.9611
-1.20	-0.1828	1.0142	8.2090	6.8838	1.1925	1.1848	2.9662
-1.00	0.0160	1.0115	7.5856	6.3266	1.1990	1.1928	2.9722
-0.80	0.2150	1.0093	7.0770	5.8711	1.2054	1.2005	2.9785
-0.60	0.4143	1.0076	6.6651	5.5007	1.2117	1.2078	2.9851
-0.40	0.6137	1.0063	6.3313	5.2007	1.2174	1.2147	2.9917
-0.20	0.8134	1.0055	6.0622	4.9589	1.2225	1.2201	2.9970
0.0	1.0129	1.0051	5.8472	4.7648	1.2272	1.2258	3.0035
0.20	1.2130	1.0051	5.6732	4.6086	1.2310	1.2322	3.0114
0.40	1.4133	1.0059	5.5333	4.4819	1.2346	1.2377	3.0192
0.60	1.6140	1.0075	5.4222	4.3812	1.2376	1.2435	3.0288
0.80	1.8153	1.0105	5.3329	4.3007	1.2400	1.2504	3.0416
1.00	2.0175	1.0156	5.2615	4.2369	1.2418	1.2591	3.0599
1.20	2.2210	1.0240	5.2059	4.1867	1.2434	1.2715	3.0876
1.40	2.4268	1.0377	5.1621	4.1477	1.2446	1.2898	3.1304
1.60	2.6361	1.0602	5.1280	4.1183	1.2452	1.3180	3.1986
1.80	2.8511	1.0974	5.1029	4.0985	1.2451	1.3623	3.3084
2.00	3.0752	1.1600	5.0885	4.0887	1.2445	1.4333	3.4890
2.20	3.3139	1.2681	5.0838	4.0885	1.2434	1.5428	3.7845
2.40	3.5751	1.4601	5.0990	4.1140	1.2394	1.7268	4.2968
2.60	3.8772	1.8469	5.1432	4.1870	1.2284	2.0057	5.2077
2.80	4.2343	2.6518	5.1757	4.2815	1.2089	2.3589	6.7677
3.00	4.6645	4.5053	0.0	4.3270	0.0	0.0	0.0

T= 2900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8900	1.2125	0.0	5.6758	0.0	0.0	0.0
-6.80	-5.6903	1.2118	6.5338	5.2167	1.2525	0.0	0.0
-6.60	-5.4905	1.2112	6.1539	4.8588	1.2666	1.2639	3.4073
-6.40	-5.2907	1.2107	5.8700	4.5857	1.2801	1.2774	3.4246
-6.20	-5.0909	1.2101	5.6661	4.3879	1.2913	1.2872	3.4369
-6.00	-4.8911	1.2096	5.5312	4.2581	1.2990	1.2951	3.4467
-5.80	-4.6913	1.2090	5.4732	4.1974	1.3040	1.2996	3.4518
-5.60	-4.4916	1.2083	5.4952	4.2115	1.3048	1.2999	3.4513
-5.40	-4.2919	1.2074	5.6177	4.3167	1.3014	1.2955	3.4442
-5.20	-4.0923	1.2063	5.8669	4.5385	1.2927	1.2858	3.4296
-5.00	-3.8929	1.2046	6.2898	4.9176	1.2790	1.2709	3.4073
-4.80	-3.6937	1.2023	6.9479	5.5073	1.2616	1.2515	3.3780

T= 2900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4949	1.1991	7.9092	6.3754	1.2406	1.2297	3.3440
-4.40	-3.2965	1.1947	9.2592	7.5832	1.2210	1.2077	3.3077
-4.20	-3.0987	1.1885	11.0309	9.1577	1.2045	1.1876	3.2718
-4.00	-2.9017	1.1804	13.1656	11.0438	1.1921	1.1709	3.2374
-3.80	-2.7056	1.1700	15.4654	13.0629	1.1839	1.1579	3.2052
-3.60	-2.5103	1.1573	17.6061	14.9333	1.1790	1.1485	3.1748
-3.40	-2.3158	1.1428	19.2471	16.3652	1.1761	1.1422	3.1463
-3.20	-2.1217	1.1272	20.1431	17.1506	1.1745	1.1384	3.1195
-3.00	-1.9280	1.1112	20.2196	17.2365	1.1731	1.1367	3.0949
-2.80	-1.7341	1.0956	19.5823	16.7103	1.1719	1.1367	3.0731
-2.60	-1.5399	1.0810	18.4283	15.7409	1.1707	1.1380	3.0544
-2.40	-1.3453	1.0678	16.9786	14.5096	1.1702	1.1406	3.0391
-2.20	-1.1500	1.0561	15.4222	13.1782	1.1703	1.1444	3.0275
-2.00	-0.9542	1.0461	13.8933	11.8608	1.1714	1.1491	3.0193
-1.80	-0.7577	1.0377	12.4773	10.6312	1.1736	1.1547	3.0144
-1.60	-0.5607	1.0306	11.2145	9.5284	1.1770	1.1612	3.0124
-1.40	-0.3631	1.0247	10.1194	8.5682	1.1810	1.1681	3.0129
-1.20	-0.1652	1.0200	9.1906	7.7483	1.1861	1.1755	3.0153
-1.00	0.0332	1.0161	8.4133	7.0603	1.1916	1.1831	3.0193
-0.80	0.2319	1.0130	7.7714	6.4895	1.1975	1.1906	3.0243
-0.60	0.4308	1.0106	7.2448	6.0204	1.2034	1.1980	3.0300
-0.40	0.6300	1.0087	6.8163	5.6382	1.2090	1.2051	3.0363
-0.20	0.8294	1.0074	6.4693	5.3277	1.2143	1.2109	3.0415
0.0	1.0288	1.0066	6.1898	5.0770	1.2192	1.2172	3.0482
0.20	1.2287	1.0064	5.9617	4.8718	1.2237	1.2242	3.0566
0.40	1.4289	1.0068	5.7776	4.7068	1.2275	1.2302	3.0648
0.60	1.6296	1.0083	5.6317	4.5751	1.2309	1.2364	3.0748
0.80	1.8308	1.0111	5.5143	4.4705	1.2335	1.2436	3.0880
1.00	2.0329	1.0161	5.4216	4.3869	1.2359	1.2528	3.1070
1.20	2.2364	1.0244	5.3479	4.3210	1.2376	1.2654	3.1352
1.40	2.4422	1.0380	5.2889	4.2698	1.2387	1.2838	3.1789
1.60	2.6514	1.0604	5.2438	4.2305	1.2395	1.3120	3.2482
1.80	2.8664	1.0974	5.2100	4.2026	1.2397	1.3562	3.3596
2.00	3.0904	1.1598	5.1872	4.1857	1.2393	1.4269	3.5426
2.20	3.3289	1.2675	5.1776	4.1815	1.2382	1.5355	3.8417
2.40	3.5899	1.4585	5.1869	4.2046	1.2336	1.7169	4.3577
2.60	3.8912	1.8418	5.2295	4.2749	1.2233	1.9913	5.2734
2.80	4.2466	2.6342	5.2635	4.3632	1.2063	2.3410	6.8386
3.00	4.6740	4.4464	0.0	4.4020	0.0	0.0	0.0

T= 3000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8743	1.2154	0.0	7.4956	0.0	0.0	0.0
-6.80	-5.6748	1.2141	8.0640	6.6618	1.2105	0.0	0.0
-6.60	-5.4751	1.2131	7.3682	6.0016	1.2277	0.0	0.0
-6.40	-5.2754	1.2122	6.8211	5.4835	1.2439	1.2405	3.4346
-6.20	-5.0757	1.2115	6.3955	5.0808	1.2588	1.2556	3.4544
-6.00	-4.8759	1.2108	6.0748	4.7753	1.2721	1.2690	3.4719
-5.80	-4.6762	1.2102	5.8442	4.5543	1.2832	1.2800	3.4860
-5.60	-4.4764	1.2095	5.6957	4.4108	1.2913	1.2883	3.4962
-5.40	-4.2767	1.2088	5.6345	4.3466	1.2963	1.2928	3.5013
-5.20	-4.0770	1.2079	5.6678	4.3678	1.2976	1.2931	3.5005
-5.00	-3.8774	1.2068	5.8127	4.4931	1.2937	1.2884	3.4924
-4.80	-3.6779	1.2053	6.1060	4.7523	1.2849	1.2782	3.4765

T= 3000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4787	1.2032	6.5963	5.1891	1.2712	1.2629	3.4527
-4.40	-3.2797	1.2004	7.3414	5.8546	1.2540	1.2437	3.4223
-4.20	-3.0811	1.1965	8.4127	6.8130	1.2348	1.2227	3.3877
-4.00	-2.8831	1.1911	9.8653	8.1036	1.2174	1.2022	3.3516
-3.80	-2.6857	1.1838	11.6895	9.7152	1.2032	1.1840	3.3160
-3.60	-2.4892	1.1744	13.7611	11.5357	1.1929	1.1692	3.2821
-3.40	-2.2935	1.1627	15.8405	13.3495	1.1866	1.1581	3.2501
-3.20	-2.0987	1.1490	17.5951	14.8761	1.1828	1.1502	3.2200
-3.00	-1.9045	1.1338	18.7509	15.8845	1.1805	1.1452	3.1916
-2.80	-1.7106	1.1180	19.1640	16.2571	1.1788	1.1424	3.1654
-2.60	-1.5168	1.1021	18.8590	16.0194	1.1773	1.1416	3.1417
-2.40	-1.3228	1.0871	17.9884	15.2977	1.1759	1.1422	3.1211
-2.20	-1.1283	1.0733	16.7548	14.2594	1.1750	1.1442	3.1039
-2.00	-0.9333	1.0610	15.3457	13.0637	1.1747	1.1473	3.0902
-1.80	-0.7377	1.0503	13.9110	11.8379	1.1751	1.1515	3.0803
-1.60	-0.5415	1.0412	12.5498	10.6643	1.1768	1.1567	3.0737
-1.40	-0.3447	1.0335	11.3157	9.5942	1.1794	1.1626	3.0702
-1.20	-0.1474	1.0272	10.2331	8.6501	1.1830	1.1691	3.0694
-1.00	0.0504	1.0220	9.3055	7.8378	1.1873	1.1761	3.0707
-0.80	0.2486	1.0178	8.5243	7.1504	1.1921	1.1833	3.0738
-0.60	0.4472	1.0144	7.8763	6.5769	1.1976	1.1906	3.0781
-0.40	0.6461	1.0118	7.3431	6.1041	1.2030	1.1978	3.0835
-0.20	0.8452	1.0099	6.9072	5.7173	1.2081	1.2039	3.0883
0.0	1.0444	1.0086	6.5533	5.4020	1.2131	1.2105	3.0949
0.20	1.2441	1.0080	6.2633	5.1424	1.2180	1.2180	3.1035
0.40	1.4442	1.0081	6.0298	4.9344	1.2220	1.2243	3.1118
0.60	1.6447	1.0093	5.8439	4.7684	1.2256	1.2311	3.1221
0.80	1.8458	1.0119	5.6958	4.6359	1.2286	1.2386	3.1358
1.00	2.0479	1.0167	5.5765	4.5299	1.2311	1.2481	3.1552
1.20	2.2514	1.0249	5.4813	4.4460	1.2329	1.2610	3.1840
1.40	2.4570	1.0384	5.4072	4.3800	1.2345	1.2796	3.2285
1.60	2.6663	1.0606	5.3476	4.3291	1.2353	1.3078	3.2987
1.80	2.8811	1.0975	5.3024	4.2914	1.2356	1.3519	3.4118
2.00	3.1050	1.1597	5.2697	4.2670	1.2350	1.4222	3.5971
2.20	3.3435	1.2670	5.2552	4.2570	1.2345	1.5296	3.8990
2.40	3.6041	1.4569	5.2593	4.2773	1.2296	1.7084	4.4191
2.60	3.9048	1.8368	5.2992	4.3450	1.2196	1.9785	5.3393
2.80	4.2586	2.6176	5.3336	4.4275	1.2047	2.3255	6.9106
3.00	4.6833	4.3914	0.0	4.4610	0.0	0.0	0.0

T= 3100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8583	1.2202	0.0	10.4095	0.0	0.0	0.0
-6.80	-5.6591	1.2180	10.5410	8.9837	1.1733	0.0	0.0
-6.60	-5.4598	1.2162	9.3340	7.8491	1.1892	0.0	0.0
-6.40	-5.2603	1.2148	8.3773	6.9476	1.2058	1.2018	3.4402
-6.20	-5.0607	1.2135	7.6203	6.2360	1.2220	1.2187	3.4626
-6.00	-4.8611	1.2125	7.0298	5.6767	1.2383	1.2351	3.4843
-5.80	-4.6614	1.2116	6.5729	5.2444	1.2533	1.2503	3.5043
-5.60	-4.4617	1.2108	6.2297	4.9177	1.2668	1.2637	3.5219
-5.40	-4.2620	1.2101	5.9861	4.6849	1.2777	1.2747	3.5361
-5.20	-4.0623	1.2092	5.8392	4.5398	1.2862	1.2827	3.5460
-5.00	-3.8626	1.2083	5.7876	4.4836	1.2908	1.2868	3.5503
-4.80	-3.6630	1.2072	5.8442	4.5273	1.2909	1.2864	3.5481

T= 3100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4635	1.2058	6.0347	4.6914	1.2863	1.2807	3.5381
-4.40	-3.2642	1.2039	6.3978	5.0105	1.2769	1.2694	3.5197
-4.20	-3.0651	1.2012	6.9814	5.5280	1.2629	1.2536	3.4939
-4.00	-2.8664	1.1977	7.8470	6.2990	1.2458	1.2345	3.4620
-3.80	-2.6682	1.1927	9.0511	7.3677	1.2285	1.2146	3.4269
-3.60	-2.4707	1.1861	10.6127	8.7436	1.2138	1.1959	3.3910
-3.40	-2.2739	1.1774	12.4544	10.3587	1.2023	1.1800	3.3559
-3.20	-2.0779	1.1665	14.3884	12.0472	1.1943	1.1675	3.3226
-3.00	-1.8828	1.1535	16.1425	13.5682	1.1897	1.1584	3.2911
-2.80	-1.6883	1.1388	17.4254	14.6817	1.1869	1.1522	3.2614
-2.60	-1.4944	1.1231	18.0533	15.2362	1.1849	1.1486	3.2338
-2.40	-1.3005	1.1073	17.9930	15.2068	1.1832	1.1470	3.2086
-2.20	-1.1066	1.0919	17.3563	14.6846	1.1819	1.1470	3.1864
-2.00	-0.9123	1.0777	16.3109	13.8147	1.1807	1.1485	3.1676
-1.80	-0.7175	1.0649	15.0459	12.7500	1.1801	1.1512	3.1525
-1.60	-0.5221	1.0537	13.7125	11.6179	1.1803	1.1551	3.1411
-1.40	-0.3260	1.0441	12.4187	10.5100	1.1816	1.1599	3.1332
-1.20	-0.1294	1.0360	11.2277	9.4837	1.1839	1.1655	3.1286
-1.00	0.0677	1.0292	10.1709	8.5684	1.1870	1.1718	3.1268
-0.80	0.2654	1.0237	9.2593	7.7732	1.1912	1.1785	3.1274
-0.60	0.4635	1.0193	8.4867	7.0973	1.1958	1.1856	3.1298
-0.40	0.6620	1.0157	7.8419	6.5308	1.2008	1.1928	3.1340
-0.20	0.8608	1.0130	7.3101	6.0616	1.2060	1.1991	3.1380
0.0	1.0597	1.0111	6.8747	5.6765	1.2111	1.2061	3.1442
0.20	1.2593	1.0100	6.5223	5.3647	1.2158	1.2138	3.1525
0.40	1.4592	1.0098	6.2374	5.1121	1.2201	1.2204	3.1607
0.60	1.6595	1.0106	6.0078	4.9087	1.2239	1.2275	3.1712
0.80	1.8605	1.0130	5.8225	4.7448	1.2271	1.2355	3.1852
1.00	2.0625	1.0175	5.6743	4.6131	1.2300	1.2454	3.2051
1.20	2.2659	1.0255	5.5554	4.5084	1.2322	1.2586	3.2346
1.40	2.4715	1.0388	5.4614	4.4254	1.2341	1.2776	3.2800
1.60	2.6806	1.0609	5.3873	4.3608	1.2354	1.3060	3.3514
1.80	2.8954	1.0977	5.3274	4.3113	1.2357	1.3502	3.4662
2.00	3.1193	1.1596	5.2837	4.2775	1.2352	1.4204	3.6541
2.20	3.3576	1.2665	5.2612	4.2598	1.2351	1.5271	3.9593
2.40	3.6179	1.4553	5.2584	4.2761	1.2297	1.7041	4.4842
2.60	3.9179	1.8320	5.2955	4.3431	1.2193	1.9705	5.4095
2.80	4.2702	2.6020	5.3323	4.4194	1.2066	2.3152	6.9881
3.00	4.6924	4.3398	0.0	4.4452	0.0	0.0	0.0

T= 3200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8417	1.2283	0.0	14.8911	0.0	0.0	0.0
-6.80	-5.6430	1.2245	14.3649	12.5702	1.1428	0.0	0.0
-6.60	-5.4441	1.2214	12.3992	10.7132	1.1574	0.0	0.0
-6.40	-5.2450	1.2189	10.8136	9.2289	1.1717	1.1666	3.4495
-6.20	-5.0457	1.2169	9.5541	8.0476	1.1872	1.1827	3.4703
-6.00	-4.8463	1.2152	8.5563	7.1086	1.2036	1.1993	3.4923
-5.80	-4.6468	1.2139	7.7677	6.3680	1.2198	1.2160	3.5146
-5.60	-4.4472	1.2127	7.1551	5.7894	1.2359	1.2322	3.5362
-5.40	-4.2476	1.2117	6.6832	5.3436	1.2507	1.2472	3.5561
-5.20	-4.0479	1.2107	6.3336	5.0113	1.2639	1.2603	3.5734
-5.00	-3.8483	1.2098	6.0949	4.7812	1.2747	1.2709	3.5869
-4.80	-3.6486	1.2088	5.9608	4.6482	1.2824	1.2780	3.5955

T= 3200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4491	1.2076	5.9382	4.6173	1.2861	1.2811	3.5981
-4.40	-3.2496	1.2062	6.0432	4.7022	1.2852	1.2792	3.5933
-4.20	-3.0503	1.2043	6.3064	4.9287	1.2795	1.2720	3.5803
-4.00	-2.8512	1.2018	6.7663	5.3350	1.2683	1.2595	3.5589
-3.80	-2.6524	1.1984	7.4823	5.9665	1.2540	1.2429	3.5305
-3.60	-2.4541	1.1938	8.5022	6.8659	1.2383	1.2244	3.4972
-3.40	-2.2563	1.1875	9.8514	8.0530	1.2233	1.2059	3.4617
-3.20	-2.0593	1.1794	11.4903	9.4873	1.2111	1.1895	3.4262
-3.00	-1.8632	1.1690	13.2710	11.0382	1.2023	1.1761	3.3919
-2.80	-1.6678	1.1565	14.9566	12.5000	1.1965	1.1660	3.3592
-2.60	-1.4732	1.1422	16.2767	13.6436	1.1930	1.1589	3.3283
-2.40	-1.2791	1.1268	17.0277	14.3005	1.1907	1.1545	3.2994
-2.20	-1.0853	1.1110	17.1397	14.4156	1.1890	1.1523	3.2730
-2.00	-0.8914	1.0955	16.6826	14.0491	1.1874	1.1518	3.2495
-1.80	-0.6971	1.0810	15.8001	13.3228	1.1859	1.1529	3.2294
-1.60	-0.5025	1.0679	14.6691	12.3791	1.1850	1.1552	3.2130
-1.40	-0.3072	1.0563	13.4419	11.3438	1.1850	1.1586	3.2003
-1.20	-0.1113	1.0464	12.2250	10.3109	1.1856	1.1631	3.1912
-1.00	0.0852	1.0379	11.0925	9.3405	1.1876	1.1684	3.1855
-0.80	0.2822	1.0309	10.0780	8.4668	1.1903	1.1743	3.1828
-0.60	0.4798	1.0251	9.1964	7.7027	1.1939	1.1808	3.1827
-0.40	0.6778	1.0205	8.4459	7.0495	1.1981	1.1877	3.1847
-0.20	0.8763	1.0169	7.8176	6.4997	1.2028	1.1937	3.1871
0.0	1.0749	1.0143	7.2972	6.0432	1.2075	1.2007	3.1924
0.20	1.2741	1.0125	6.8778	5.6762	1.2117	1.2084	3.1998
0.40	1.4738	1.0118	6.5356	5.3751	1.2159	1.2152	3.2076
0.60	1.6740	1.0122	6.2545	5.1298	1.2197	1.2226	3.2180
0.80	1.8749	1.0142	6.0312	4.9310	1.2231	1.2309	3.2321
1.00	2.0767	1.0185	5.8492	4.7701	1.2262	1.2411	3.2523
1.20	2.2800	1.0263	5.7035	4.6415	1.2288	1.2546	3.2824
1.40	2.4855	1.0394	5.5859	4.5391	1.2306	1.2737	3.3284
1.60	2.6946	1.0614	5.4933	4.4586	1.2321	1.3022	3.4009
1.80	2.9093	1.0979	5.4176	4.3959	1.2324	1.3464	3.5171
2.00	3.1331	1.1596	5.3620	4.3516	1.2322	1.4164	3.7074
2.20	3.3712	1.2661	5.3273	4.3243	1.2319	1.5223	4.0157
2.40	3.6312	1.4537	5.3155	4.3352	1.2261	1.6971	4.5438
2.60	3.9305	1.8272	5.3527	4.4013	1.2162	1.9600	5.4741
2.80	4.2816	2.5872	5.3902	4.4727	1.2051	2.3024	7.0602
3.00	4.7013	4.2914	0.0	4.4911	0.0	0.0	0.0

T= 3300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8237	1.2413	0.0	21.5830	0.0	0.0	0.0
-6.80	-5.6260	1.2349	20.2107	17.9680	1.1248	0.0	0.0
-6.60	-5.4278	1.2297	17.0838	15.0567	1.1346	1.1257	3.4563
-6.40	-5.2293	1.2256	14.5630	12.7144	1.1454	1.1384	3.4698
-6.20	-5.0305	1.2222	12.5488	10.8388	1.1578	1.1518	3.4855
-6.00	-4.8314	1.2195	10.9422	9.3391	1.1716	1.1668	3.5042
-5.80	-4.6322	1.2173	9.6686	8.1458	1.1869	1.1827	3.5248
-5.60	-4.4329	1.2155	8.6596	7.1988	1.2029	1.1992	3.5466
-5.40	-4.2334	1.2140	7.8677	6.4543	1.2190	1.2156	3.5687
-5.20	-4.0339	1.2127	7.2505	5.8754	1.2340	1.2315	3.5899
-5.00	-3.8343	1.2115	6.7847	5.4328	1.2488	1.2460	3.6093
-4.80	-3.6347	1.2104	6.4467	5.1116	1.2612	1.2585	3.6256

T= 3300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4351	1.2093	6.2281	4.8996	1.2711	1.2681	3.6378
-4.40	-3.2356	1.2080	6.1267	4.7964	1.2773	1.2741	3.6443
-4.20	-3.0361	1.2065	6.1554	4.8101	1.2797	1.2754	3.6440
-4.00	-2.8368	1.2046	6.3346	4.9588	1.2774	1.2715	3.6356
-3.80	-2.6377	1.2021	6.6983	5.2752	1.2698	1.2623	3.6186
-3.60	-2.4389	1.1988	7.2932	5.7975	1.2580	1.2484	3.5937
-3.40	-2.2405	1.1943	8.1699	6.5653	1.2444	1.2316	3.5628
-3.20	-2.0427	1.1883	9.3504	7.6022	1.2300	1.2140	3.5284
-3.00	-1.8456	1.1805	10.8153	8.8795	1.2180	1.1976	3.4929
-2.80	-1.6493	1.1705	12.4440	10.2948	1.2088	1.1838	3.4579
-2.60	-1.4538	1.1583	14.0331	11.6693	1.2026	1.1730	3.4243
-2.40	-1.2591	1.1444	15.3301	12.7900	1.1986	1.1653	3.3924
-2.20	-1.0649	1.1292	16.1292	13.4880	1.1958	1.1603	3.3624
-2.00	-0.8710	1.1134	16.3436	13.6898	1.1939	1.1576	3.3350
-1.80	-0.6771	1.0979	16.0130	13.4319	1.1922	1.1567	3.3105
-1.60	-0.4829	1.0833	15.2612	12.8165	1.1907	1.1574	3.2893
-1.40	-0.2883	1.0700	14.2454	11.9759	1.1895	1.1593	3.2718
-1.20	-0.0931	1.0582	13.1146	11.0297	1.1890	1.1625	3.2581
-1.00	0.1027	1.0479	11.9799	10.0700	1.1897	1.1667	3.2482
-0.80	0.2991	1.0393	10.9074	9.1591	1.1909	1.1717	3.2417
-0.60	0.4961	1.0321	9.9436	8.3330	1.1933	1.1774	3.2384
-0.40	0.6936	1.0263	9.1008	7.6057	1.1966	1.1837	3.2378
-0.20	0.8916	1.0216	8.3790	6.9819	1.2001	1.1894	3.2381
0.0	1.0899	1.0181	7.7725	6.4552	1.2041	1.1962	3.2418
0.20	1.2888	1.0156	7.2798	6.0254	1.2082	1.2038	3.2482
0.40	1.4882	1.0142	6.8711	5.6697	1.2119	1.2109	3.2555
0.60	1.6882	1.0142	6.5369	5.3774	1.2156	1.2185	3.2656
0.80	1.8889	1.0158	6.2674	5.1395	1.2194	1.2272	3.2798
1.00	2.0906	1.0198	6.0463	4.9463	1.2224	1.2377	3.3004
1.20	2.2938	1.0273	5.8599	4.7906	1.2253	1.2515	3.3309
1.40	2.4992	1.0402	5.7269	4.6664	1.2273	1.2708	3.3775
1.60	2.7082	1.0619	5.6110	4.5678	1.2284	1.2996	3.4509
1.80	2.9228	1.0983	5.5195	4.4905	1.2292	1.3439	3.5688
2.00	3.1464	1.1597	5.4497	4.4342	1.2290	1.4137	3.7613
2.20	3.3844	1.2657	5.4033	4.3961	1.2291	1.5189	4.0729
2.40	3.6441	1.4521	5.3798	4.4012	1.2223	1.6910	4.6036
2.60	3.9428	1.8226	5.4167	4.4664	1.2128	1.9513	5.5397
2.80	4.2926	2.5732	5.4558	4.5325	1.2037	2.2920	7.1341
3.00	4.7101	4.2460	0.0	4.5470	0.0	0.0	0.0

T= 3400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8038	1.2614	0.0	30.9147	0.0	0.0	0.0
-6.80	-5.6074	1.2510	28.6395	25.5691	1.1201	0.0	0.0
-6.60	-5.4103	1.2427	23.8009	21.2140	1.1219	1.1077	3.4984
-6.40	-5.2127	1.2359	19.9578	17.6781	1.1290	1.1170	3.5035
-6.20	-5.0146	1.2305	16.8660	14.8268	1.1375	1.1280	3.5130
-6.00	-4.8161	1.2262	14.3919	12.5330	1.1483	1.1404	3.5260
-5.80	-4.6173	1.2227	12.4137	10.6948	1.1607	1.1542	3.5421
-5.60	-4.4184	1.2198	10.8387	9.2279	1.1745	1.1691	3.5608
-5.40	-4.2192	1.2175	9.5893	8.0596	1.1898	1.1848	3.5813
-5.20	-4.0199	1.2156	8.6063	7.1374	1.2058	1.2011	3.6029
-5.00	-3.8205	1.2139	7.8329	6.4138	1.2213	1.2172	3.6246
-4.80	-3.6210	1.2125	7.2405	5.8557	1.2365	1.2326	3.6453

T= 3400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4215	1.2111	6.7996	5.4382	1.2503	1.2464	3.6636
-4.40	-3.2219	1.2098	6.4950	5.1462	1.2621	1.2580	3.6785
-4.20	-3.0224	1.2084	6.3165	4.9723	1.2703	1.2662	3.6883
-4.00	-2.8230	1.2068	6.2764	4.9203	1.2756	1.2701	3.6916
-3.80	-2.6237	1.2048	6.3825	5.0039	1.2755	1.2690	3.6870
-3.60	-2.4247	1.2023	6.6672	5.2476	1.2705	1.2627	3.6739
-3.40	-2.2259	1.1990	7.1735	5.6858	1.2616	1.2514	3.6525
-3.20	-2.0275	1.1945	7.9386	6.3528	1.2496	1.2366	3.6240
-3.00	-1.8296	1.1886	8.9897	7.2702	1.2365	1.2202	3.5909
-2.80	-1.6324	1.1809	10.3109	8.4181	1.2249	1.2042	3.5558
-2.60	-1.4361	1.1711	11.8013	9.7108	1.2153	1.1903	3.5205
-2.40	-1.2405	1.1592	13.2825	10.9881	1.2088	1.1793	3.4864
-2.20	-1.0457	1.1454	14.5181	12.0539	1.2044	1.1713	3.4537
-2.00	-0.8514	1.1304	15.3166	12.7465	1.2016	1.1658	3.4230
-1.80	-0.6575	1.1147	15.5752	12.9864	1.1993	1.1627	3.3946
-1.60	-0.4636	1.0992	15.3186	12.7943	1.1973	1.1615	3.3692
-1.40	-0.2694	1.0845	14.6575	12.2592	1.1956	1.1619	3.3472
-1.20	-0.0748	1.0711	13.7381	11.4999	1.1946	1.1637	3.3290
-1.00	0.1203	1.0592	12.6920	10.6310	1.1939	1.1667	3.3147
-0.80	0.3161	1.0489	11.6325	9.7405	1.1942	1.1706	3.3041
-0.60	0.5124	1.0402	10.6254	8.8896	1.1953	1.1755	3.2971
-0.40	0.7094	1.0330	9.7144	8.1134	1.1973	1.1810	3.2934
-0.20	0.9069	1.0271	8.9148	7.4285	1.2001	1.1862	3.2913
0.0	1.1047	1.0226	8.2303	6.8386	1.2035	1.1928	3.2931
0.20	1.3033	1.0192	7.6467	6.3342	1.2072	1.2006	3.2985
0.40	1.5025	1.0172	7.1620	5.9129	1.2113	1.2080	3.3052
0.60	1.7022	1.0166	6.7656	5.5655	1.2156	1.2160	3.3152
0.80	1.9027	1.0177	6.4398	5.2816	1.2193	1.2250	3.3294
1.00	2.1042	1.0213	6.1761	5.0507	1.2228	1.2360	3.3501
1.20	2.3073	1.0285	5.9610	4.8642	1.2255	1.2501	3.3810
1.40	2.5126	1.0411	5.7892	4.7147	1.2279	1.2698	3.4284
1.60	2.7214	1.0626	5.6506	4.5958	1.2295	1.2988	3.5029
1.80	2.9359	1.0987	5.5401	4.5016	1.2307	1.3433	3.6224
2.00	3.1595	1.1599	5.4541	4.4318	1.2307	1.4130	3.8172
2.20	3.3973	1.2654	5.3927	4.3814	1.2308	1.5177	4.1317
2.40	3.6566	1.4506	5.3574	4.3797	1.2232	1.6880	4.6664
2.60	3.9547	1.8181	5.3921	4.4434	1.2135	1.9454	5.6078
2.80	4.3033	2.5599	5.4340	4.5042	1.2064	2.2850	7.2116
3.00	4.7186	4.2032	0.0	4.5191	0.0	0.0	0.0

T= 3500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.7811	1.2911	0.0	43.3646	0.0	0.0	0.0
-6.80	-5.5865	1.2750	40.0652	35.8951	1.1162	0.0	0.0
-6.60	-5.3910	1.2620	33.1954	29.6913	1.1180	1.0955	3.5573
-6.40	-5.1946	1.2515	27.5621	24.5925	1.1207	1.1025	3.5537
-6.20	-4.9976	1.2430	22.9976	20.4298	1.1257	1.1108	3.5550
-6.00	-4.8000	1.2362	19.3152	17.0553	1.1325	1.1205	3.5606
-5.80	-4.6019	1.2307	16.3597	14.3329	1.1414	1.1316	3.5703
-5.60	-4.4035	1.2263	13.9917	12.1424	1.1523	1.1443	3.5837
-5.40	-4.2048	1.2227	12.1014	10.3898	1.1647	1.1581	3.6001
-5.20	-4.0058	1.2198	10.6001	8.9915	1.1789	1.1731	3.6189
-5.00	-3.8067	1.2174	9.4088	7.8813	1.1938	1.1889	3.6396
-4.80	-3.6074	1.2153	8.4735	7.0068	1.2093	1.2049	3.6610

T= 3500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.4080	1.2136	7.7509	6.3265	1.2251	1.2206	3.6820
-4.40	-3.2086	1.2120	7.2014	5.8108	1.2393	1.2352	3.7015
-4.20	-3.0091	1.2104	6.8084	5.4361	1.2524	1.2479	3.7181
-4.00	-2.8097	1.2088	6.5559	5.1924	1.2626	1.2578	3.7304
-3.80	-2.6103	1.2071	6.4467	5.0784	1.2694	1.2639	3.7367
-3.60	-2.4111	1.2049	6.4923	5.1023	1.2724	1.2653	3.7356
-3.40	-2.2121	1.2023	6.7116	5.2847	1.2700	1.2615	3.7258
-3.20	-2.0133	1.1989	7.1416	5.6550	1.2629	1.2526	3.7073
-3.00	-1.8149	1.1944	7.8167	6.2407	1.2525	1.2396	3.6812
-2.80	-1.6171	1.1885	8.7655	7.0621	1.2412	1.2245	3.6496
-2.60	-1.4199	1.1807	9.9665	8.1027	1.2300	1.2094	3.6152
-2.40	-1.2235	1.1710	11.3325	9.2830	1.2208	1.1958	3.5800
-2.20	-1.0279	1.1592	12.7043	10.4601	1.2145	1.1849	3.5455
-2.00	-0.8331	1.1455	13.8601	11.4559	1.2099	1.1766	3.5121
-1.80	-0.6388	1.1305	14.6171	12.1137	1.2067	1.1709	3.4807
-1.60	-0.4448	1.1149	14.8782	12.3554	1.2042	1.1676	3.4518
-1.40	-0.2509	1.0995	14.6633	12.1968	1.2022	1.1662	3.4258
-1.20	-0.0567	1.0849	14.0625	11.7160	1.2003	1.1665	3.4033
-1.00	0.1379	1.0715	13.2145	11.0219	1.1989	1.1681	3.3846
-0.80	0.3330	1.0596	12.2471	10.2203	1.1983	1.1709	3.3698
-0.60	0.5288	1.0493	11.2574	9.3944	1.1983	1.1747	3.3588
-0.40	0.7252	1.0406	10.3164	8.6020	1.1993	1.1795	3.3517
-0.20	0.9222	1.0335	9.4626	7.8772	1.2013	1.1841	3.3466
0.0	1.1196	1.0278	8.7106	7.2366	1.2037	1.1902	3.3461
0.20	1.3177	1.0235	8.0455	6.6644	1.2072	1.1980	3.3500
0.40	1.5165	1.0207	7.4893	6.1822	1.2114	1.2054	3.3556
0.60	1.7160	1.0194	7.0256	5.7813	1.2152	1.2136	3.3649
0.80	1.9162	1.0200	6.6456	5.4513	1.2191	1.2229	3.3787
1.00	2.1176	1.0231	6.3357	5.1822	1.2226	1.2341	3.3994
1.20	2.3204	1.0299	6.0814	4.9637	1.2252	1.2485	3.4305
1.40	2.5256	1.0423	5.8810	4.7880	1.2283	1.2684	3.4784
1.60	2.7344	1.0635	5.7178	4.6476	1.2303	1.2977	3.5540
1.80	2.9488	1.0993	5.5845	4.5356	1.2313	1.3424	3.6750
2.00	3.1721	1.1601	5.4814	4.4511	1.2315	1.4121	3.8722
2.20	3.4098	1.2651	5.3989	4.3872	1.2306	1.5162	4.1898
2.40	3.6687	1.4490	5.3538	4.3776	1.2230	1.6845	4.7268
2.60	3.9662	1.8137	5.3889	4.4395	1.2139	1.9399	5.6747
2.80	4.3137	2.5474	5.4317	4.4971	1.2078	2.2782	7.2880
3.00	4.7270	4.1629	0.0	4.5116	0.0	0.0	0.0

T= 3600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.7549	1.3332	0.0	58.7431	0.0	0.0	0.0
-6.80	-5.5627	1.3095	55.0163	49.0098	1.1226	0.0	0.0
-6.60	-5.3692	1.2901	45.6229	40.7000	1.1210	1.0879	3.6349
-6.40	-5.1746	1.2742	37.7696	33.7166	1.1202	1.0930	3.6209
-6.20	-4.9790	1.2614	31.3162	27.9230	1.1215	1.0991	3.6127
-6.00	-4.7826	1.2510	26.0545	23.1673	1.1246	1.1065	3.6098
-5.80	-4.5855	1.2426	21.7930	19.2872	1.1299	1.1151	3.6117
-5.60	-4.3879	1.2358	18.3580	16.1415	1.1373	1.1252	3.6180
-5.40	-4.1898	1.2303	15.5990	13.6036	1.1467	1.1367	3.6284
-5.20	-3.9914	1.2259	13.3865	11.5655	1.1574	1.1496	3.6424
-5.00	-3.7927	1.2223	11.6267	9.9347	1.1703	1.1637	3.6593
-4.80	-3.5937	1.2193	10.2311	8.6381	1.1844	1.1788	3.6785

T= 3600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3946	1.2169	9.1310	7.6118	1.1996	1.1945	3.6992
-4.40	-3.1954	1.2147	8.2726	6.8096	1.2148	1.2103	3.7202
-4.20	-2.9960	1.2128	7.6199	6.1942	1.2302	1.2252	3.7402
-4.00	-2.7967	1.2111	7.1351	5.7388	1.2433	1.2387	3.7580
-3.80	-2.5973	1.2092	6.8128	5.4285	1.2550	1.2499	3.7721
-3.60	-2.3980	1.2073	6.6417	5.2568	1.2534	1.2576	3.7806
-3.40	-2.1988	1.2050	6.6291	5.2289	1.2678	1.2610	3.7821
-3.20	-1.9999	1.2022	6.7935	5.3597	1.2675	1.2591	3.7749
-3.00	-1.8011	1.1987	7.1678	5.6746	1.2631	1.2522	3.7589
-2.80	-1.6028	1.1940	7.7732	6.1983	1.2541	1.2411	3.7350
-2.60	-1.4050	1.1879	8.6415	6.9440	1.2444	1.2275	3.7050
-2.40	-1.2079	1.1801	9.7437	7.8968	1.2339	1.2133	3.6714
-2.20	-1.0116	1.1702	11.0051	8.9782	1.2258	1.2003	3.6364
-2.00	-0.8160	1.1584	12.2629	10.0572	1.2193	1.1895	3.6016
-1.80	-0.6212	1.1447	13.3255	10.9691	1.2148	1.1813	3.5679
-1.60	-0.4269	1.1297	14.0164	11.5694	1.2115	1.1757	3.5361
-1.40	-0.2329	1.1142	14.2494	11.7868	1.2089	1.1723	3.5067
-1.20	-0.0389	1.0989	14.0412	11.6362	1.2067	1.1709	3.4803
-1.00	0.1553	1.0843	13.4776	11.1880	1.2046	1.1710	3.4574
-0.80	0.3500	1.0710	12.6851	10.5426	1.2032	1.1726	3.4384
-0.60	0.5452	1.0593	11.7810	9.7973	1.2025	1.1753	3.4235
-0.40	0.7410	1.0491	10.8580	9.0309	1.2023	1.1792	3.4128
-0.20	0.9375	1.0407	9.9806	8.2950	1.2032	1.1830	3.4043
0.0	1.1343	1.0338	9.1841	7.6224	1.2049	1.1885	3.4010
0.20	1.3321	1.0285	8.4799	7.0225	1.2075	1.1957	3.4024
0.40	1.5305	1.0247	7.8762	6.5069	1.2104	1.2024	3.4057
0.60	1.7296	1.0226	7.3648	6.0705	1.2132	1.2101	3.4132
0.80	1.9296	1.0226	6.9408	5.7065	1.2163	1.2191	3.4258
1.00	2.1307	1.0252	6.5924	5.4063	1.2194	1.2301	3.4457
1.20	2.3334	1.0316	6.3074	5.1598	1.2224	1.2445	3.4764
1.40	2.5384	1.0436	6.0727	4.9601	1.2243	1.2643	3.5243
1.60	2.7470	1.0645	5.8855	4.7992	1.2264	1.2935	3.6003
1.80	2.9613	1.1000	5.7317	4.6699	1.2274	1.3381	3.7224
2.00	3.1845	1.1605	5.6104	4.5702	1.2276	1.4077	3.9215
2.20	3.4220	1.2650	5.5126	4.4925	1.2271	1.5107	4.2412
2.40	3.6805	1.4475	5.4513	4.4767	1.2177	1.6761	4.7796
2.60	3.9774	1.8095	5.4871	4.5381	1.2091	1.9292	5.7326
2.80	4.3239	2.5354	5.5316	4.5906	1.2050	2.2662	7.3546
3.00	4.7353	4.1248	0.0	4.6010	0.0	0.0	0.0

T= 3700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.7250	1.3890	0.0	76.1273	0.0	0.0	0.0
-6.80	-5.5354	1.3567	73.9077	64.5539	1.1449	0.0	0.0
-6.60	-5.3444	1.3290	61.2689	54.2133	1.1301	1.0835	3.7327
-6.40	-5.1520	1.3061	50.9192	45.2213	1.1260	1.0871	3.7064
-6.20	-4.9583	1.2872	42.2137	37.5688	1.1236	1.0916	3.6871
-6.00	-4.7635	1.2719	34.9965	31.1514	1.1234	1.0970	3.6742
-5.80	-4.5678	1.2594	29.0745	25.8381	1.1253	1.1035	3.6670
-5.60	-4.3712	1.2494	24.2484	21.4781	1.1290	1.1113	3.6652
-5.40	-4.1741	1.2412	20.3438	17.9297	1.1346	1.1204	3.6682
-5.20	-3.9764	1.2347	17.2048	15.0553	1.1428	1.1309	3.6756
-5.00	-3.7783	1.2294	14.6840	12.7394	1.1526	1.1429	3.6871
-4.80	-3.5798	1.2250	12.6700	10.8825	1.1643	1.1562	3.7019

T= 3700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3810	1.2215	11.0694	9.3997	1.1775	1.1706	3.7196
-4.40	-3.1821	1.2185	9.8038	8.2244	1.1920	1.1858	3.7391
-4.20	-2.9830	1.2160	8.8102	7.3016	1.2066	1.2014	3.7596
-4.00	-2.7838	1.2138	8.0495	6.5896	1.2215	1.2165	3.7798
-3.80	-2.5845	1.2117	7.4810	6.0551	1.2355	1.2306	3.7983
-3.60	-2.3853	1.2097	7.0840	5.6801	1.2472	1.2425	3.8135
-3.40	-2.1861	1.2075	6.8557	5.4543	1.2569	1.2514	3.8236
-3.20	-1.9870	1.2050	6.7949	5.3793	1.2632	1.2561	3.8268
-3.00	-1.7880	1.2020	6.9113	5.4656	1.2645	1.2560	3.8220
-2.80	-1.5894	1.1982	7.2352	5.7347	1.2617	1.2510	3.8082
-2.60	-1.3912	1.1933	7.7904	6.2084	1.2548	1.2415	3.7861
-2.40	-1.1935	1.1870	8.5917	6.8917	1.2467	1.2293	3.7574
-2.20	-0.9964	1.1789	9.6077	7.7673	1.2369	1.2161	3.7244
-2.00	-0.8002	1.1689	10.7686	8.7593	1.2294	1.2039	3.6899
-1.80	-0.6047	1.1568	11.9170	9.7404	1.2235	1.1935	3.6550
-1.60	-0.4099	1.1431	12.8740	10.5603	1.2191	1.1856	3.6211
-1.40	-0.2156	1.1281	13.4822	11.0870	1.2160	1.1802	3.5890
-1.20	-0.0216	1.1126	13.6650	11.2622	1.2133	1.1769	3.5594
-1.00	0.1724	1.0974	13.4422	11.0995	1.2111	1.1754	3.5328
-0.80	0.3667	1.0830	12.8971	10.6682	1.2089	1.1756	3.5098
-0.60	0.5614	1.0700	12.1478	10.0613	1.2074	1.1772	3.4909
-0.40	0.7567	1.0584	11.3006	9.3671	1.2064	1.1801	3.4763
-0.20	0.9527	1.0486	10.4394	8.6557	1.2061	1.1829	3.4644
0.0	1.1490	1.0404	9.6265	7.9751	1.2071	1.1878	3.4580
0.20	1.3463	1.0340	8.9023	7.3700	1.2079	1.1940	3.4563
0.40	1.5443	1.0293	8.2655	6.8342	1.2094	1.1999	3.4569
0.60	1.7431	1.0264	7.7170	6.3702	1.2114	1.2070	3.4622
0.80	1.9428	1.0257	7.2546	5.9766	1.2138	1.2155	3.4731
1.00	2.1436	1.0277	6.8681	5.6469	1.2163	1.2262	3.4919
1.20	2.3461	1.0336	6.5487	5.3739	1.2186	1.2403	3.5218
1.40	2.5510	1.0451	6.2850	5.1494	1.2205	1.2601	3.5696
1.60	2.7594	1.0657	6.0708	4.9673	1.2222	1.2891	3.6458
1.80	2.9735	1.1009	5.8963	4.8203	1.2232	1.3333	3.7685
2.00	3.1966	1.1610	5.7552	4.7045	1.2233	1.4028	3.9696
2.20	3.4339	1.2650	5.6406	4.6121	1.2230	1.5045	4.2907
2.40	3.6920	1.4460	5.5652	4.5904	1.2124	1.6675	4.8307
2.60	3.9883	1.8053	5.6014	4.6507	1.2044	1.9175	5.7874
2.80	4.3339	2.5241	5.6453	4.6992	1.2014	2.2532	7.4181
3.00	4.7434	4.0887	0.0	4.7045	0.0	0.0	0.0

T= 3800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.6914	1.4622	0.0	93.0580	0.0	0.0	0.0
-6.80	-5.5046	1.4184	0.0	81.0776	0.0	1.0802	3.9020
-6.60	-5.3162	1.3808	79.3953	69.4495	1.1432	1.0814	3.8519
-6.40	-5.1263	1.3491	66.8057	58.7592	1.1369	1.0839	3.8118
-6.20	-4.9349	1.3226	55.7527	49.2750	1.1315	1.0870	3.7798
-6.00	-4.7421	1.3008	46.3409	41.0860	1.1279	1.0910	3.7552
-5.80	-4.5482	1.2829	38.4561	34.1463	1.1262	1.0958	3.7376
-5.60	-4.3531	1.2684	31.9360	28.3431	1.1268	1.1017	3.7262
-5.40	-4.1572	1.2566	26.5962	23.5528	1.1292	1.1087	3.7207
-5.20	-3.9605	1.2470	22.2584	19.6349	1.1336	1.1171	3.7205
-5.00	-3.7632	1.2393	18.7580	16.4476	1.1405	1.1268	3.7251
-4.80	-3.5654	1.2330	15.9396	13.8712	1.1491	1.1380	3.7341

T= 3800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3672	1.2279	13.6845	11.7997	1.1597	1.1505	3.7468
-4.40	-3.1687	1.2238	11.8851	10.1416	1.1719	1.1643	3.7627
-4.20	-2.9699	1.2203	10.4615	8.8262	1.1853	1.1789	3.7810
-4.00	-2.7709	1.2173	9.3445	7.7880	1.1999	1.1942	3.8007
-3.80	-2.5719	1.2148	8.4813	6.9835	1.2145	1.2093	3.8206
-3.60	-2.3727	1.2124	7.8338	6.3753	1.2288	1.2235	3.8394
-3.40	-2.1736	1.2100	7.3736	5.9413	1.2411	1.2361	3.8553
-3.20	-1.9744	1.2076	7.0904	5.6665	1.2513	1.2459	3.8665
-3.00	-1.7754	1.2049	6.9847	5.5505	1.2584	1.2518	3.8713
-2.80	-1.5766	1.2016	7.0680	5.6019	1.2617	1.2529	3.8679
-2.60	-1.3781	1.1975	7.3530	5.8355	1.2600	1.2493	3.8556
-2.40	-1.1800	1.1923	7.8646	6.2688	1.2546	1.2412	3.8348
-2.20	-0.9824	1.1857	8.6128	6.9060	1.2472	1.2301	3.8070
-2.00	-0.7855	1.1773	9.5660	7.7178	1.2395	1.2180	3.7748
-1.80	-0.5893	1.1669	10.6360	8.6303	1.2324	1.2066	3.7405
-1.60	-0.3939	1.1546	11.6799	9.5184	1.2271	1.1968	3.7056
-1.40	-0.1992	1.1407	12.5268	10.2441	1.2228	1.1893	3.6716
-1.20	-0.0049	1.1257	13.0393	10.6905	1.2197	1.1841	3.6394
-1.00	0.1891	1.1103	13.1579	10.8115	1.2170	1.1810	3.6097
-0.80	0.3831	1.0952	12.9063	10.6247	1.2147	1.1798	3.5833
-0.60	0.5775	1.0811	12.3654	10.1985	1.2125	1.1801	3.5605
-0.40	0.7723	1.0683	11.6479	9.6194	1.2109	1.1818	3.5421
-0.20	0.9678	1.0572	10.8496	8.9675	1.2099	1.1838	3.5264
0.0	1.1636	1.0478	10.0461	8.3055	1.2096	1.1877	3.5165
0.20	1.3605	1.0402	9.3067	7.6970	1.2091	1.1931	3.5117
0.40	1.5581	1.0344	8.6392	7.1399	1.2100	1.1984	3.5098
0.60	1.7565	1.0306	8.0517	6.6469	1.2113	1.2052	3.5132
0.80	1.9558	1.0291	7.5455	6.2203	1.2130	1.2136	3.5228
1.00	2.1564	1.0305	7.1175	5.8588	1.2149	1.2241	3.5404
1.20	2.3586	1.0358	6.7602	5.5562	1.2167	1.2381	3.5698
1.40	2.5633	1.0469	6.4655	5.3051	1.2187	1.2579	3.6174
1.60	2.7716	1.0671	6.2223	5.0993	1.2202	1.2870	3.6941
1.80	2.9855	1.1019	6.0230	4.9330	1.2210	1.3311	3.8176
2.00	3.2084	1.1616	5.8598	4.7996	1.2209	1.4004	4.0204
2.20	3.4455	1.2651	5.7277	4.6907	1.2211	1.5011	4.3440
2.40	3.7031	1.4446	5.6423	4.6621	1.2102	1.6609	4.8829
2.60	3.9989	1.8013	5.6710	4.7213	1.2012	1.9100	5.8471
2.80	4.3436	2.5134	5.7163	4.7664	1.1993	2.2441	7.4864
3.00	4.7513	4.0545	0.0	4.7694	0.0	0.0	0.0

T= 3900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.6554	1.5478	0.0	105.4706	0.0	0.0	0.0
-6.80	-5.4707	1.4941	111.5844	95.6041	1.1671	1.0808	4.0581
-6.60	-5.2849	1.4462	97.8714	84.4443	1.1590	1.0809	3.9927
-6.40	-5.0975	1.4046	84.1530	73.1080	1.1511	1.0825	3.9378
-6.20	-4.9086	1.3691	71.3051	62.3496	1.1436	1.0847	3.8916
-6.00	-4.7182	1.3393	59.8242	52.5915	1.1375	1.0874	3.8539
-5.80	-4.5263	1.3145	49.8777	44.0259	1.1329	1.0910	3.8243
-5.60	-4.3331	1.2941	41.4596	36.6837	1.1302	1.0954	3.8022
-5.40	-4.1387	1.2774	34.4406	30.4949	1.1294	1.1007	3.7869
-5.20	-3.9434	1.2639	28.6585	25.3338	1.1312	1.1072	3.7778
-5.00	-3.7472	1.2529	23.9372	21.1041	1.1342	1.1150	3.7744
-4.80	-3.5503	1.2440	20.1165	17.6462	1.1400	1.1240	3.7763

T= 3900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3528	1.2367	17.0321	14.8421	1.1476	1.1345	3.7827
-4.40	-3.1549	1.2309	14.5581	12.5801	1.1572	1.1464	3.7935
-4.20	-2.9566	1.2261	12.5843	10.7674	1.1687	1.1595	3.8077
-4.00	-2.7580	1.2221	11.0181	9.3238	1.1817	1.1737	3.8247
-3.80	-2.5592	1.2187	9.7853	8.1843	1.1956	1.1886	3.8435
-3.60	-2.3602	1.2157	8.8324	7.2979	1.2103	1.2035	3.8628
-3.40	-2.1612	1.2130	8.1108	6.6231	1.2246	1.2179	3.8815
-3.20	-1.9622	1.2104	7.5961	6.1368	1.2378	1.2307	3.8976
-3.00	-1.7631	1.2076	7.2679	5.8203	1.2487	1.2411	3.9097
-2.80	-1.5642	1.2046	7.1250	5.6720	1.2562	1.2477	3.9151
-2.60	-1.3655	1.2010	7.1779	5.6950	1.2604	1.2498	3.9127
-2.40	-1.1671	1.1966	7.4365	5.9020	1.2600	1.2471	3.9012
-2.20	-0.9691	1.1911	7.9220	6.3058	1.2563	1.2403	3.8815
-2.00	-0.7717	1.1840	8.6278	6.9030	1.2499	1.2303	3.8544
-1.80	-0.5750	1.1752	9.5222	7.6614	1.2429	1.2193	3.8227
-1.60	-0.3790	1.1644	10.5055	8.4953	1.2366	1.2087	3.7886
-1.40	-0.1837	1.1518	11.4426	9.2925	1.2314	1.1996	3.7539
-1.20	0.0109	1.1376	12.1797	9.9192	1.2279	1.1927	3.7199
-1.00	0.2051	1.1226	12.5828	10.2775	1.2243	1.1879	3.6878
-0.80	0.3992	1.1073	12.6259	10.3343	1.2217	1.1851	3.6583
-0.60	0.5933	1.0925	12.3327	10.1149	1.2193	1.1841	3.6321
-0.40	0.7878	1.0787	11.7874	9.6869	1.2168	1.1847	3.6101
-0.20	0.9828	1.0663	11.0951	9.1299	1.2152	1.1857	3.5909
0.0	1.1782	1.0557	10.3400	8.5164	1.2141	1.1887	3.5774
0.20	1.3746	1.0469	9.5991	7.9110	1.2134	1.1934	3.5696
0.40	1.5717	1.0400	8.9019	7.3335	1.2139	1.1986	3.5656
0.60	1.7697	1.0353	8.2715	6.8082	1.2149	1.2053	3.5674
0.80	1.9687	1.0329	7.7194	6.3445	1.2167	1.2137	3.5758
1.00	2.1690	1.0336	7.2475	5.9467	1.2187	1.2244	3.5927
1.20	2.3710	1.0383	6.8509	5.6111	1.2210	1.2387	3.6218
1.40	2.5754	1.0489	6.5168	5.3298	1.2227	1.2587	3.6694
1.60	2.7835	1.0686	6.2422	5.0979	1.2245	1.2880	3.7466
1.80	2.9973	1.1031	6.0160	4.9098	1.2253	1.3323	3.8714
2.00	3.2200	1.1623	5.8293	4.7557	1.2257	1.4019	4.0765
2.20	3.4568	1.2653	5.6761	4.6292	1.2262	1.5017	4.4014
2.40	3.7139	1.4431	5.5753	4.5929	1.2139	1.6594	4.9426
2.60	4.0093	1.7974	5.5958	4.6507	1.2032	1.9067	5.9120
2.80	4.3531	2.5031	5.6491	4.6924	1.2039	2.2414	7.5643
3.00	4.7591	4.0221	0.0	4.6960	0.0	0.0	0.0

T= 4000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.6190	1.6409	0.0	109.2113	0.0	0.0	0.0
-6.80	-5.4353	1.5805	123.2788	104.6918	1.1775	1.0822	4.2297
-6.60	-5.2511	1.5239	113.2505	96.6344	1.1719	1.0815	4.1522
-6.40	-5.0660	1.4726	100.8926	86.5728	1.1654	1.0825	4.0834
-6.20	-4.8795	1.4274	87.7509	75.7862	1.1579	1.0838	4.0227
-6.00	-4.6915	1.3885	74.9744	65.1800	1.1503	1.0857	3.9709
-5.80	-4.5020	1.3555	63.2671	55.3255	1.1435	1.0882	3.9280
-5.60	-4.3109	1.3279	52.9500	46.5362	1.1378	1.0914	3.8936
-5.40	-4.1184	1.3051	44.1146	38.8916	1.1343	1.0955	3.8671
-5.20	-3.9247	1.2864	36.6883	32.3917	1.1326	1.1004	3.8480
-5.00	-3.7299	1.2711	30.5367	26.9484	1.1332	1.1064	3.8355
-4.80	-3.5342	1.2587	25.4817	22.4449	1.1353	1.1136	3.8291

T= 4000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3376	1.2486	21.3792	18.7535	1.1400	1.1222	3.8283
-4.40	-3.1405	1.2404	18.0618	15.7508	1.1467	1.1321	3.8326
-4.20	-2.9428	1.2338	15.3935	13.3221	1.1555	1.1433	3.8413
-4.00	-2.7448	1.2283	13.2609	11.3713	1.1662	1.1560	3.8539
-3.80	-2.5464	1.2238	11.5669	9.8158	1.1784	1.1697	3.8695
-3.60	-2.3477	1.2200	10.2307	8.5845	1.1918	1.1842	3.8873
-3.40	-2.1489	1.2166	9.1943	7.6244	1.2059	1.1989	3.9060
-3.20	-1.9500	1.2136	8.4091	6.8928	1.2200	1.2132	3.9243
-3.00	-1.7511	1.2106	7.8431	6.3607	1.2331	1.2261	3.9404
-2.80	-1.5522	1.2075	7.4776	6.0089	1.2444	1.2368	3.9525
-2.60	-1.3534	1.2042	7.3079	5.8338	1.2527	1.2439	3.9583
-2.40	-1.1548	1.2002	7.3384	5.8357	1.2575	1.2468	3.9564
-2.20	-0.9566	1.1954	7.5777	6.0237	1.2580	1.2450	3.9456
-2.00	-0.7587	1.1894	8.0405	6.4054	1.2553	1.2390	3.9262
-1.80	-0.5615	1.1819	8.7122	6.9696	1.2500	1.2300	3.8995
-1.60	-0.3649	1.1726	9.5505	7.6751	1.2444	1.2200	3.8682
-1.40	-0.1691	1.1613	10.4540	8.4389	1.2388	1.2103	3.8344
-1.20	0.0260	1.1483	11.2848	9.1420	1.2344	1.2020	3.7997
-1.00	0.2205	1.1340	11.9006	9.6671	1.2310	1.1958	3.7661
-0.80	0.4147	1.1188	12.2001	9.9342	1.2281	1.1914	3.7341
-0.60	0.6089	1.1037	12.1611	9.9254	1.2253	1.1890	3.7050
-0.40	0.8030	1.0892	11.8245	9.6715	1.2226	1.1884	3.6796
-0.20	0.9977	1.0758	11.2752	9.2395	1.2203	1.1884	3.6570
0.0	1.1926	1.0641	10.6042	8.7027	1.2185	1.1906	3.6402
0.20	1.3885	1.0541	9.8820	8.1166	1.2175	1.1949	3.6296
0.40	1.5852	1.0462	9.1712	7.5322	1.2176	1.1999	3.6235
0.60	1.7828	1.0404	8.5094	6.9846	1.2183	1.2066	3.6236
0.80	1.9815	1.0372	7.9193	6.4917	1.2199	1.2150	3.6306
1.00	2.1815	1.0371	7.4087	6.0626	1.2220	1.2257	3.6464
1.20	2.3832	1.0412	6.9733	5.6972	1.2240	1.2401	3.6749
1.40	2.5873	1.0512	6.6069	5.3878	1.2263	1.2602	3.7225
1.60	2.7952	1.0704	6.2989	5.1308	1.2277	1.2897	3.8001
1.80	3.0088	1.1044	6.0477	4.9218	1.2287	1.3343	3.9260
2.00	3.2313	1.1633	5.8389	4.7492	1.2294	1.4044	4.1338
2.20	3.4679	1.2656	5.6638	4.6053	1.2299	1.5029	4.4601
2.40	3.7245	1.4417	5.5449	4.5611	1.2157	1.6589	5.0020
2.60	4.0194	1.7936	5.5629	4.6181	1.2046	1.9048	5.9782
2.80	4.3624	2.4934	5.6181	4.6566	1.2065	2.2394	7.6423
3.00	4.7668	3.9913	0.0	4.6614	0.0	0.0	0.0

T= 4100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5847	1.7323	0.0	101.4946	0.0	0.0	0.0
-6.80	-5.4003	1.5712	0.0	104.5467	0.0	1.0844	4.4080
-6.60	-5.2166	1.6099	120.7900	102.4154	1.1794	1.0834	4.3244
-6.40	-5.0327	1.5512	113.2323	96.2152	1.1769	1.0836	4.2451
-6.20	-4.8481	1.4971	102.3588	87.3995	1.1712	1.0842	4.1717
-6.00	-4.6623	1.4489	90.0298	77.3471	1.1640	1.0854	4.1061
-5.80	-4.4751	1.4069	77.5736	67.0747	1.1565	1.0870	4.0492
-5.60	-4.2863	1.3710	65.8562	57.3004	1.1493	1.0893	4.0015
-5.40	-4.0960	1.3408	55.3506	48.4170	1.1432	1.0923	3.9626
-5.20	-3.9042	1.3157	46.2381	40.6060	1.1387	1.0960	3.9320
-5.00	-3.7111	1.2951	38.5127	33.9001	1.1361	1.1006	3.9093
-4.80	-3.5168	1.2781	32.0636	28.2345	1.1356	1.1063	3.8937

T= 4100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3215	1.2644	26.7598	23.5323	1.1372	1.1131	3.8845
-4.40	-3.1254	1.2532	22.4299	19.6593	1.1409	1.1212	3.8813
-4.20	-2.9285	1.2440	18.9223	16.4971	1.1470	1.1306	3.8834
-4.00	-2.7311	1.2366	16.0932	13.9351	1.1549	1.1414	3.8901
-3.80	-2.5333	1.2305	13.8291	11.8722	1.1648	1.1535	3.9011
-3.60	-2.3351	1.2255	12.0295	10.2232	1.1767	1.1669	3.9155
-3.40	-2.1366	1.2212	10.6074	8.9186	1.1893	1.1810	3.9323
-3.20	-1.9379	1.2174	9.5034	7.8982	1.2032	1.1955	3.9503
-3.00	-1.7391	1.2140	8.6673	7.1205	1.2172	1.2096	3.9679
-2.80	-1.5403	1.2107	8.0614	6.5534	1.2301	1.2226	3.9837
-2.60	-1.3415	1.2073	7.6698	6.1766	1.2417	1.2333	3.9955
-2.40	-1.1429	1.2036	7.4808	5.9826	1.2504	1.2408	4.0014
-2.20	-0.9445	1.1992	7.4972	5.9716	1.2555	1.2441	3.9995
-2.00	-0.7464	1.1939	7.7290	6.1486	1.2570	1.2429	3.9887
-1.80	-0.5488	1.1874	8.1754	6.5148	1.2549	1.2376	3.9694
-1.60	-0.3517	1.1793	8.8222	7.0516	1.2511	1.2296	3.9429
-1.40	-0.1554	1.1694	9.6031	7.7086	1.2458	1.2204	3.9116
-1.20	0.0402	1.1577	10.4241	8.3992	1.2411	1.2116	3.8779
-1.00	0.2352	1.1443	11.1450	9.0071	1.2373	1.2041	3.8435
-0.80	0.4296	1.1297	11.6376	9.4314	1.2339	1.1985	3.8100
-0.60	0.6237	1.1146	11.8298	9.6085	1.2312	1.1948	3.7785
-0.40	0.8179	1.0996	11.7122	9.5338	1.2285	1.1930	3.7503
-0.20	1.0123	1.0855	11.3356	9.2453	1.2261	1.1918	3.7244
0.0	1.2069	1.0728	10.7759	8.8086	1.2233	1.1931	3.7044
0.20	1.4024	1.0617	10.1124	8.2750	1.2221	1.1969	3.6912
0.40	1.5987	1.0527	9.4299	7.7196	1.2215	1.2013	3.6822
0.60	1.7959	1.0460	8.7741	7.1825	1.2216	1.2073	3.6795
0.80	1.9942	1.0418	8.1728	6.6875	1.2221	1.2151	3.6841
1.00	2.1938	1.0409	7.6397	6.2476	1.2228	1.2253	3.6979
1.20	2.3952	1.0443	7.1810	5.8668	1.2240	1.2392	3.7248
1.40	2.5991	1.0537	6.7893	5.5407	1.2254	1.2591	3.7716
1.60	2.8067	1.0725	6.4615	5.2677	1.2266	1.2882	3.8487
1.80	3.0201	1.1060	6.1880	5.0425	1.2272	1.3325	3.9748
2.00	3.2424	1.1644	5.9644	4.8593	1.2274	1.4023	4.1839
2.20	3.4788	1.2661	5.7752	4.7053	1.2274	1.4994	4.5111
2.40	3.7348	1.4403	5.6382	4.6539	1.2115	1.6512	5.0503
2.60	4.0292	1.7899	5.6534	4.7105	1.2002	1.8977	6.0348
2.80	4.3715	2.4840	5.7114	4.7450	1.2037	2.2307	7.7077
3.00	4.7743	3.9620	0.0	4.7483	0.0	0.0	0.0

T= 4200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5547	1.8122	0.0	84.1365	0.0	0.0	0.0
-6.80	-5.3681	1.7571	110.4149	94.1237	1.1731	1.0893	4.5850
-6.60	-5.1832	1.6971	116.9945	99.2708	1.1785	1.0865	4.5001
-6.40	-4.9992	1.6355	117.2653	99.2160	1.1819	1.0857	4.4162
-6.20	-4.8155	1.5754	111.9314	94.7956	1.1808	1.0856	4.3341
-6.00	-4.6313	1.5192	102.6526	87.2776	1.1762	1.0861	4.2568
-5.80	-4.4461	1.4684	91.2944	78.0528	1.1696	1.0870	4.1870
-5.60	-4.2595	1.4237	79.3182	68.2500	1.1622	1.0886	4.1257
-5.40	-4.0713	1.3853	67.7501	58.6724	1.1547	1.0906	4.0735
-5.20	-3.8817	1.3528	57.1931	49.8092	1.1482	1.0934	4.0305
-5.00	-3.6905	1.3256	47.9257	41.9188	1.1433	1.0969	3.9962
-4.80	-3.4979	1.3032	39.9914	35.0803	1.1400	1.1013	3.9701

T= 4200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.3041	1.2847	33.3319	29.2676	1.1389	1.1067	3.9516
-4.40	-3.1092	1.2697	27.8243	24.4215	1.1393	1.1131	3.9398
-4.20	-2.9134	1.2574	23.3141	20.4074	1.1424	1.1208	3.9343
-4.00	-2.7169	1.2474	19.6514	17.1218	1.1477	1.1299	3.9344
-3.80	-2.5197	1.2392	16.6901	14.4534	1.1547	1.1403	3.9395
-3.60	-2.3221	1.2325	14.3198	12.3007	1.1642	1.1520	3.9490
-3.40	-2.1241	1.2270	12.4324	10.5795	1.1751	1.1650	3.9622
-3.20	-1.9257	1.2222	10.9433	9.2132	1.1878	1.1788	3.9779
-3.00	-1.7272	1.2181	9.7862	8.1479	1.2011	1.1930	3.9951
-2.80	-1.5286	1.2143	8.9094	7.3330	1.2150	1.2070	4.0122
-2.60	-1.3299	1.2106	8.2712	6.7385	1.2275	1.2198	4.0274
-2.40	-1.1312	1.2069	7.8594	6.3432	1.2390	1.2306	4.0388
-2.20	-0.9327	1.2027	7.6598	6.1379	1.2480	1.2382	4.0442
-2.00	-0.7345	1.1979	7.6702	6.1199	1.2533	1.2417	4.0419
-1.80	-0.5366	1.1921	7.8958	6.2894	1.2554	1.2408	4.0307
-1.60	-0.3392	1.1850	8.3329	6.6431	1.2544	1.2361	4.0110
-1.40	-0.1424	1.1762	8.9501	7.1527	1.2513	1.2288	3.9843
-1.20	0.0537	1.1657	9.6779	7.7591	1.2473	1.2206	3.9531
-1.00	0.2491	1.1534	10.4072	8.3710	1.2432	1.2127	3.9195
-0.80	0.4439	1.1396	11.0110	8.8822	1.2397	1.2061	3.8853
-0.60	0.6382	1.1249	11.3794	9.2023	1.2366	1.2012	3.8523
-0.40	0.8324	1.1099	11.4620	9.2902	1.2338	1.1982	3.8217
-0.20	1.0266	1.0953	11.2665	9.1512	1.2312	1.1960	3.7930
0.0	1.2209	1.0817	10.8518	8.8320	1.2287	1.1963	3.7700
0.20	1.4161	1.0697	10.2788	8.3789	1.2268	1.1994	3.7538
0.40	1.6120	1.0597	9.6510	7.8776	1.2251	1.2029	3.7416
0.60	1.8088	1.0519	9.0247	7.3714	1.2243	1.2079	3.7357
0.80	2.0067	1.0468	8.4294	6.8897	1.2235	1.2148	3.7372
1.00	2.2060	1.0451	7.8895	6.4504	1.2231	1.2241	3.7485
1.20	2.4071	1.0477	7.4166	6.0615	1.2236	1.2375	3.7736
1.40	2.6107	1.0565	7.0061	5.7250	1.2238	1.2568	3.8188
1.60	2.8181	1.0747	6.6584	5.4392	1.2241	1.2854	3.8951
1.80	3.0313	1.1077	6.3659	5.1995	1.2243	1.3292	4.0213
2.00	3.2534	1.1656	6.1307	5.0097	1.2238	1.3983	4.2309
2.20	3.4895	1.2667	5.9311	4.8494	1.2231	1.4925	4.5560
2.40	3.7449	1.4389	5.7766	4.7907	1.2058	1.6430	5.0964
2.60	4.0388	1.7863	5.7920	4.8472	1.1949	1.8861	6.0832
2.80	4.3804	2.4751	5.8514	4.8786	1.1994	2.2193	7.7671
3.00	4.7817	3.9341	0.0	4.8797	0.0	0.0	0.0

T= 4300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5298	1.8746	0.0	62.7093	0.0	0.0	0.0
-6.80	-5.3402	1.8302	88.4839	76.1582	1.1618	1.0943	4.7456
-6.60	-5.1529	1.7775	101.9750	87.0453	1.1715	1.0911	4.6700
-6.40	-4.9674	1.7189	110.4603	93.6694	1.1793	1.0892	4.5882
-6.20	-4.7832	1.6574	112.8455	95.3366	1.1837	1.0881	4.5033
-6.00	-4.5995	1.5964	109.4642	92.4476	1.1841	1.0878	4.4190
-5.80	-4.4155	1.5386	101.7269	86.1717	1.1805	1.0881	4.3387
-5.60	-4.2307	1.4858	91.3821	77.8000	1.1746	1.0889	4.2651
-5.40	-4.0446	1.4389	80.0023	68.5396	1.1672	1.0902	4.1999
-5.20	-3.8571	1.3982	68.7240	59.2666	1.1596	1.0922	4.1439
-5.00	-3.6680	1.3637	58.2659	50.5332	1.1530	1.0948	4.0972
-4.80	-3.4773	1.3346	48.9676	42.6696	1.1476	1.0981	4.0595

T= 4300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.2852	1.3106	40.9327	35.7957	1.1435	1.1023	4.0304
-4.40	-3.0918	1.2907	34.1657	29.9214	1.1418	1.1074	4.0091
-4.20	-2.8973	1.2745	28.5288	24.9810	1.1420	1.1137	3.9951
-4.00	-2.7019	1.2613	23.9023	20.8874	1.1443	1.1211	3.9875
-3.80	-2.5056	1.2505	20.1385	17.5236	1.1492	1.1299	3.9859
-3.60	-2.3087	1.2416	17.0963	14.7876	1.1561	1.1400	3.9895
-3.40	-2.1112	1.2343	14.6543	12.5781	1.1651	1.1515	3.9978
-3.20	-1.9134	1.2283	12.7039	10.8073	1.1755	1.1641	4.0097
-3.00	-1.7152	1.2231	11.1696	9.4040	1.1877	1.1777	4.0246
-2.80	-1.5168	1.2186	9.9740	8.3066	1.2007	1.1916	4.0408
-2.60	-1.3183	1.2144	9.0713	7.4712	1.2142	1.2054	4.0572
-2.40	-1.1198	1.2104	8.4216	6.8630	1.2271	1.2182	4.0718
-2.20	-0.9213	1.2062	8.0025	6.4607	1.2386	1.2288	4.0824
-2.00	-0.7229	1.2016	7.8004	6.2526	1.2475	1.2362	4.0869
-1.80	-0.5248	1.1962	7.8142	6.2359	1.2531	1.2396	4.0834
-1.60	-0.3272	1.1899	8.0421	6.4067	1.2553	1.2390	4.0715
-1.40	-0.1300	1.1821	8.4723	6.7522	1.2548	1.2347	4.0512
-1.20	0.0665	1.1726	9.0598	7.2352	1.2522	1.2282	4.0242
-1.00	0.2623	1.1614	9.7313	7.7891	1.2494	1.2208	3.9929
-0.80	0.4575	1.1486	10.3661	8.3208	1.2458	1.2137	3.9593
-0.60	0.6521	1.1344	10.8504	8.7320	1.2426	1.2080	3.9255
-0.40	0.8464	1.1196	11.0960	8.9507	1.2397	1.2040	3.8933
-0.20	1.0406	1.1048	11.0752	8.9531	1.2370	1.2008	3.8622
0.0	1.2347	1.0907	10.8094	8.7573	1.2343	1.2002	3.8365
0.20	1.4296	1.0779	10.3516	8.4019	1.2320	1.2022	3.8171
0.40	1.6252	1.0669	9.7988	7.9680	1.2298	1.2045	3.8014
0.60	1.8216	1.0582	9.2082	7.5003	1.2277	1.2086	3.7922
0.80	2.0191	1.0522	8.6278	7.0359	1.2263	1.2147	3.7909
1.00	2.2181	1.0496	8.0864	6.5992	1.2254	1.2234	3.7998
1.20	2.4188	1.0514	7.5963	6.2034	1.2245	1.2362	3.8230
1.40	2.6222	1.0596	7.1702	5.8555	1.2245	1.2550	3.8668
1.60	2.8293	1.0771	6.8045	5.5571	1.2245	1.2832	3.9422
1.80	3.0422	1.1096	6.4896	5.3020	1.2240	1.3265	4.0681
2.00	3.2641	1.1670	6.2425	5.1036	1.2232	1.3946	4.2778
2.20	3.5000	1.2675	6.0306	4.9375	1.2214	1.4870	4.6034
2.40	3.7547	1.4376	5.8577	4.8707	1.2026	1.6328	5.1381
2.60	4.0482	1.7828	5.8729	4.9270	1.1920	1.8771	6.1347
2.80	4.3392	2.4666	5.9323	4.9552	1.1972	2.2083	7.8262
3.00	4.7889	3.9075	0.0	4.9557	0.0	0.0	0.0

T= 4400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5098	1.9182	0.0	43.1745	0.0	0.0	0.0
-6.80	-5.3172	1.8858	64.3709	56.0948	1.1475	1.1057	4.8981
-6.60	-5.1269	1.8441	80.4608	69.2588	1.1617	1.0982	4.8273
-6.40	-4.9390	1.7936	94.3882	80.5860	1.1713	1.0943	4.7523
-6.20	-4.7530	1.7364	104.0761	88.2266	1.1796	1.0919	4.6707
-6.00	-4.5686	1.6754	108.0996	91.2060	1.1852	1.0906	4.5851
-5.80	-4.3848	1.6140	106.3794	89.6277	1.1869	1.0900	4.4992
-5.60	-4.2010	1.5550	100.0400	84.4633	1.1844	1.0902	4.4164
-5.40	-4.0164	1.5006	90.7011	76.9448	1.1788	1.0908	4.3398
-5.20	-3.8308	1.4519	79.9830	68.2471	1.1720	1.0920	4.2712
-5.00	-3.6437	1.4094	69.0833	59.3342	1.1643	1.0939	4.2118
-4.80	-3.4550	1.3731	58.7935	50.7984	1.1574	1.0963	4.1618

T= 4400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.2648	1.3425	49.5501	43.0248	1.1517	1.0996	4.1212
-4.40	-3.0731	1.3170	41.5096	36.1738	1.1475	1.1036	4.0894
-4.20	-2.8801	1.2960	34.6869	30.2866	1.1453	1.1086	4.0658
-4.00	-2.6859	1.2787	28.9861	25.3200	1.1448	1.1146	4.0497
-3.80	-2.4907	1.2646	24.3008	21.1857	1.1470	1.1219	4.0404
-3.60	-2.2947	1.2531	20.4733	17.7839	1.1512	1.1305	4.0373
-3.40	-2.0980	1.2437	17.3769	15.0087	1.1578	1.1404	4.0397
-3.20	-1.9007	1.2359	14.8866	12.7661	1.1661	1.1516	4.0467
-3.00	-1.7030	1.2293	12.9028	10.9680	1.1764	1.1640	4.0577
-2.80	-1.5050	1.2238	11.3395	9.5408	1.1885	1.1773	4.0715
-2.60	-1.3067	1.2188	10.1302	8.4308	1.2016	1.1911	4.0870
-2.40	-1.1084	1.2143	9.2116	7.5831	1.2147	1.2047	4.1026
-2.20	-0.9100	1.2098	8.5533	6.9707	1.2270	1.2171	4.1161
-2.00	-0.7116	1.2052	8.1352	6.5700	1.2382	1.2274	4.1257
-1.80	-0.5135	1.2001	7.9441	6.3691	1.2473	1.2346	4.1289
-1.60	-0.3156	1.1942	7.9689	6.3612	1.2527	1.2379	4.1242
-1.40	-0.1182	1.1871	8.2064	6.5368	1.2554	1.2373	4.1110
-1.20	0.0787	1.1786	8.6308	6.8763	1.2551	1.2333	4.0897
-1.00	0.2749	1.1685	9.1903	7.3334	1.2532	1.2274	4.0622
-0.80	0.4705	1.1566	9.7970	7.8324	1.2508	1.2207	4.0305
-0.60	0.6654	1.1432	10.3338	8.2808	1.2479	1.2145	3.9970
-0.40	0.8599	1.1288	10.6981	8.5935	1.2449	1.2098	3.9640
-0.20	1.0542	1.1140	10.8260	8.7163	1.2420	1.2058	3.9314
0.0	1.2483	1.0996	10.7080	8.6404	1.2393	1.2041	3.9031
0.20	1.4429	1.0861	10.4013	8.4167	1.2358	1.2045	3.8797
0.40	1.6382	1.0743	9.9501	8.0735	1.2324	1.2055	3.8603
0.60	1.8343	1.0647	9.4190	7.6615	1.2294	1.2086	3.8479
0.80	2.0314	1.0578	8.8652	7.2245	1.2271	1.2137	3.8435
1.00	2.2300	1.0543	8.3270	6.7950	1.2255	1.2220	3.8502
1.20	2.4304	1.0554	7.8301	6.3943	1.2245	1.2343	3.8715
1.40	2.6335	1.0628	7.3876	6.0370	1.2237	1.2526	3.9139
1.60	2.8404	1.0798	6.9999	5.7254	1.2226	1.2804	3.9884
1.80	3.0530	1.1117	6.6651	5.4540	1.2221	1.3230	4.1137
2.00	3.2747	1.1685	6.4063	5.2500	1.2202	1.3904	4.3236
2.20	3.5103	1.2684	6.1825	5.0776	1.2176	1.4801	4.6466
2.40	3.7643	1.4363	5.9905	5.0027	1.1975	1.6246	5.1826
2.60	4.0573	1.7794	6.0038	5.0589	1.1868	1.8664	6.1818
2.80	4.3977	2.4585	6.0660	5.0843	1.1931	2.1969	7.8832
3.00	4.7961	3.8820	0.0	5.0867	0.0	0.0	0.0

T= 4500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4936	1.9467	0.0	28.6719	0.0	0.0	0.0
-6.80	-5.2986	1.9246	44.7552	38.8435	1.1522	0.0	0.0
-6.60	-5.1055	1.8943	58.7720	50.8835	1.1550	1.1090	4.9721
-6.40	-4.9146	1.8548	73.9190	63.5847	1.1625	1.1020	4.9043
-6.20	-4.7261	1.8063	87.8827	75.0078	1.1716	1.0974	4.8298
-6.00	-4.5398	1.7504	98.2579	83.2637	1.1801	1.0946	4.7484
-5.80	-4.3550	1.6900	103.4393	87.1768	1.1865	1.0930	4.6624
-5.60	-4.1712	1.6284	103.0116	86.6307	1.1891	1.0923	4.5750
-5.40	-3.9874	1.5686	97.8408	82.3793	1.1877	1.0923	4.4902
-5.20	-3.8031	1.5129	89.4127	75.5903	1.1829	1.0929	4.4109
-5.00	-3.6177	1.4628	79.3220	67.4530	1.1760	1.0940	4.3394
-4.80	-3.4310	1.4188	68.8341	58.9012	1.1686	1.0957	4.2771

T= 4500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.2427	1.3811	58.7857	50.6096	1.1616	1.0981	4.2244
-4.40	-3.0529	1.3491	49.6657	42.9945	1.1552	1.1012	4.1812
-4.20	-2.8515	1.3225	41.6943	36.2247	1.1510	1.1051	4.1471
-4.00	-2.6688	1.3004	34.8856	30.3810	1.1483	1.1100	4.1215
-3.80	-2.4749	1.2823	29.1915	25.4295	1.1479	1.1160	4.1037
-3.60	-2.2800	1.2675	24.4850	21.2986	1.1496	1.1231	4.0929
-3.40	-2.0842	1.2553	20.6370	17.8918	1.1534	1.1316	4.0884
-3.20	-1.8876	1.2453	17.5210	15.1112	1.1595	1.1413	4.0896
-3.00	-1.6905	1.2370	15.0167	12.8603	1.1677	1.1523	4.0957
-2.80	-1.4930	1.2301	13.0195	11.0549	1.1777	1.1646	4.1058
-2.60	-1.2951	1.2241	11.4450	9.6253	1.1890	1.1778	4.1190
-2.40	-1.0970	1.2188	10.2308	8.5115	1.2020	1.1913	4.1335
-2.20	-0.8987	1.2139	9.3154	7.6682	1.2148	1.2045	4.1480
-2.00	-0.7005	1.2090	8.6678	7.0625	1.2273	1.2166	4.1604
-1.80	-0.5023	1.2039	8.2621	6.6730	1.2382	1.2267	4.1689
-1.60	-0.3044	1.1983	8.0893	6.4854	1.2473	1.2335	4.1705
-1.40	-0.1068	1.1917	8.1303	6.4910	1.2525	1.2366	4.1642
-1.20	0.0904	1.1839	8.3790	6.6745	1.2554	1.2358	4.1494
-1.00	0.2870	1.1747	8.7950	7.0055	1.2554	1.2322	4.1270
-0.80	0.4829	1.1637	9.3160	7.4283	1.2541	1.2266	4.0985
-0.60	0.6782	1.1512	9.8459	7.8643	1.2520	1.2208	4.0667
-0.40	0.8730	1.1374	10.2780	8.2246	1.2497	1.2157	4.0338
-0.20	1.0674	1.1228	10.5208	8.4379	1.2468	1.2110	4.0001
0.0	1.2614	1.1082	10.5378	8.4700	1.2441	1.2083	3.9696
0.20	1.4560	1.0944	10.3767	8.3752	1.2390	1.2072	3.9428
0.40	1.6510	1.0819	10.0356	8.1257	1.2351	1.2073	3.9205
0.60	1.8468	1.0714	9.5760	7.7741	1.2318	1.2096	3.9052
0.80	2.0436	1.0636	9.0568	7.3700	1.2289	1.2143	3.8985
1.00	2.2418	1.0593	8.5295	6.9530	1.2267	1.2221	3.9030
1.20	2.4419	1.0596	8.0288	6.5517	1.2255	1.2340	3.9226
1.40	2.6447	1.0663	7.5715	6.1871	1.2238	1.2518	3.9633
1.60	2.8513	1.0826	7.1687	5.8635	1.2226	1.2793	4.0371
1.80	3.0637	1.1140	6.8135	5.5779	1.2215	1.3215	4.1620
2.00	3.2850	1.1701	6.5378	5.3652	1.2186	1.3879	4.3716
2.20	3.5204	1.2694	6.3040	5.1843	1.2150	1.4758	4.6949
2.40	3.7736	1.4350	6.0904	5.1012	1.1939	1.6170	5.2255
2.60	4.0663	1.7762	6.1056	5.1577	1.1838	1.8597	6.2350
2.80	4.4061	2.4507	6.1665	5.1806	1.1903	2.1890	7.9452
3.00	4.8031	3.8578	0.0	5.1868	0.0	0.0	0.0

T= 4600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4802	1.9644	0.0	19.0294	0.0	0.0	0.0
-6.80	-5.2834	1.9500	30.3840	26.0801	1.1650	0.0	0.0
-6.60	-5.0880	1.9292	40.9190	35.3979	1.1560	1.1254	5.1105
-6.40	-4.8945	1.9005	53.9644	46.6219	1.1575	1.1136	5.0455
-6.20	-4.7032	1.8627	68.3531	58.7548	1.1634	1.1057	4.9774
-6.00	-4.5143	1.8157	82.1273	70.0235	1.1728	1.1005	4.9028
-5.80	-4.3276	1.7609	92.8333	78.5725	1.1815	1.0974	4.8213
-5.60	-4.1426	1.7011	98.7521	83.1062	1.1883	1.0955	4.7347
-5.40	-3.9587	1.6395	99.2617	83.3027	1.1916	1.0946	4.6463
-5.20	-3.7750	1.5792	95.0393	79.7997	1.1910	1.0945	4.5596
-5.00	-3.5908	1.5226	87.4184	73.6766	1.1865	1.0949	4.4781
-4.80	-3.4057	1.4714	77.9445	66.0628	1.1799	1.0960	4.4043

T= 4600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.2192	1.4263	67.9005	57.9090	1.1725	1.0977	4.3396
-4.40	-3.0312	1.3874	58.1582	49.9080	1.1653	1.1000	4.2845
-4.20	-2.8416	1.3544	49.2487	42.4880	1.1591	1.1030	4.2392
-4.00	-2.6506	1.3268	41.4024	35.8614	1.1545	1.1070	4.2033
-3.80	-2.4581	1.3040	34.6887	30.1210	1.1516	1.1118	4.1760
-3.60	-2.2644	1.2851	29.0498	25.2404	1.1509	1.1177	4.1568
-3.40	-2.0697	1.2697	24.3848	21.1598	1.1524	1.1248	4.1448
-3.20	-1.8741	1.2570	20.5688	17.7891	1.1563	1.1331	4.1392
-3.00	-1.6777	1.2465	17.4741	15.0335	1.1623	1.1429	4.1396
-2.80	-1.4807	1.2379	14.9828	12.8041	1.1702	1.1538	4.1449
-2.60	-1.2833	1.2305	13.0024	11.0162	1.1803	1.1659	4.1542
-2.40	-1.0855	1.2242	11.4426	9.6039	1.1914	1.1788	4.1664
-2.20	-0.8875	1.2185	10.2415	8.5036	1.2044	1.1922	4.1803
-2.00	-0.6895	1.2132	9.3430	7.6767	1.2171	1.2051	4.1937
-1.80	-0.4914	1.2079	8.7180	7.0896	1.2297	1.2169	4.2049
-1.60	-0.2934	1.2023	8.3364	6.7201	1.2405	1.2265	4.2116
-1.40	-0.0957	1.1960	8.1864	6.5541	1.2491	1.2328	4.2114
-1.20	0.1017	1.1887	8.2507	6.5773	1.2544	1.2354	4.2031
-1.00	0.2986	1.1802	8.5092	6.7673	1.2574	1.2347	4.1866
-0.80	0.4948	1.1701	8.9102	7.0856	1.2575	1.2312	4.1628
-0.60	0.6905	1.1584	9.3833	7.4682	1.2564	1.2264	4.1339
-0.40	0.8855	1.1452	9.8270	7.8327	1.2546	1.2215	4.1022
-0.20	1.0801	1.1311	10.1466	8.1015	1.2524	1.2164	4.0683
0.0	1.2742	1.1166	10.2670	8.2164	1.2496	1.2131	4.0365
0.20	1.4687	1.1024	10.1946	8.1871	1.2452	1.2114	4.0081
0.40	1.6635	1.0894	9.9354	7.9993	1.2420	1.2114	3.9844
0.60	1.8591	1.0782	9.5340	7.6947	1.2390	1.2136	3.9674
0.80	2.0556	1.0697	9.0538	7.3237	1.2362	1.2181	3.9589
1.00	2.2535	1.0645	8.5452	6.9254	1.2339	1.2256	3.9615
1.20	2.4533	1.0640	8.0443	6.5316	1.2316	1.2372	3.9794
1.40	2.6557	1.0700	7.5839	6.1644	1.2303	1.2549	4.0190
1.60	2.8620	1.0857	7.1682	5.8339	1.2287	1.2823	4.0921
1.80	3.0742	1.1164	6.7989	5.5395	1.2273	1.3242	4.2168
2.00	3.2952	1.1719	6.4975	5.3084	1.2240	1.3906	4.4277
2.20	3.5303	1.2706	6.2415	5.1078	1.2220	1.4781	4.7518
2.40	3.7828	1.4338	6.0099	5.0200	1.1972	1.6161	5.2809
2.60	4.0750	1.7730	6.0240	5.0744	1.1871	1.8585	6.2960
2.80	4.4143	2.4433	6.0854	5.0950	1.1944	2.1886	8.0202
3.00	4.8100	3.8345	0.0	5.0993	0.0	0.0	0.0

T= 4700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4684	1.9752	0.0	13.1884	0.0	0.0	0.0
-6.80	-5.2705	1.9660	21.1119	17.7538	1.1891	0.0	0.0
-6.60	-5.0735	1.9522	28.3661	24.2274	1.1708	1.1489	5.2503
-6.40	-4.8779	1.9324	38.1332	32.8454	1.1610	1.1305	5.1816
-6.20	-4.6842	1.9048	50.3270	43.4288	1.1588	1.1177	5.1152
-6.00	-4.4926	1.8682	64.1172	55.0193	1.1654	1.1091	5.0463
-5.80	-4.3034	1.8223	77.4986	66.0082	1.1741	1.1035	4.9715
-5.60	-4.1165	1.7684	88.2863	74.6328	1.1829	1.1000	4.8897
-5.40	-3.9313	1.7091	94.6181	79.5045	1.1901	1.0979	4.8024
-5.20	-3.7472	1.6475	95.7496	80.2138	1.1937	1.0969	4.7128
-5.00	-3.5635	1.5868	92.2179	77.2720	1.1934	1.0966	4.6246
-4.80	-3.3794	1.5296	85.2601	71.6659	1.1897	1.0970	4.5414

T= 4700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.1945	1.4777	76.3212	64.4957	1.1834	1.0981	4.4656
-4.40	-3.0082	1.4317	66.6764	56.7017	1.1759	1.0997	4.3989
-4.20	-2.8204	1.3920	57.2526	48.9827	1.1688	1.1020	4.3420
-4.00	-2.6311	1.3583	48.5709	41.7852	1.1624	1.1050	4.2950
-3.80	-2.4402	1.3300	40.9081	35.3346	1.1577	1.1089	4.2575
-3.60	-2.2479	1.3065	34.3161	29.7212	1.1546	1.1137	4.2289
-3.40	-2.0544	1.2871	28.7737	24.9401	1.1537	1.1196	4.2086
-3.20	-1.8598	1.2712	24.1834	20.9359	1.1551	1.1267	4.1956
-3.00	-1.6643	1.2581	20.4213	17.6249	1.1587	1.1351	4.1894
-2.80	-1.4681	1.2473	17.3724	14.9157	1.1647	1.1447	4.1890
-2.60	-1.2712	1.2383	14.9220	12.7233	1.1728	1.1556	4.1937
-2.40	-1.0739	1.2306	12.9692	10.9684	1.1824	1.1676	4.2024
-2.20	-0.8763	1.2239	11.4410	9.5843	1.1937	1.1805	4.2140
-2.00	-0.6784	1.2179	10.2659	8.5111	1.2062	1.1936	4.2269
-1.80	-0.4805	1.2121	9.3999	7.7115	1.2189	1.2063	4.2392
-1.60	-0.2826	1.2063	8.8007	7.1507	1.2307	1.2176	4.2488
-1.40	-0.0848	1.2001	8.4537	6.8092	1.2415	1.2266	4.2535
-1.20	0.1127	1.1932	8.3301	6.6700	1.2489	1.2324	4.2513
-1.00	0.3097	1.1852	8.4205	6.7133	1.2543	1.2346	4.2407
-0.80	0.5063	1.1758	8.6894	6.9096	1.2576	1.2337	4.2223
-0.60	0.7022	1.1649	9.0697	7.2100	1.2579	1.2305	4.1972
-0.40	0.8976	1.1525	9.4815	7.5443	1.2568	1.2263	4.1676
-0.20	1.0924	1.1389	9.8363	7.8336	1.2556	1.2213	4.1346
0.0	1.2867	1.1246	10.0368	8.0096	1.2531	1.2176	4.1023
0.20	1.4811	1.1102	10.0256	8.0197	1.2501	1.2162	4.0738
0.40	1.6758	1.0969	9.8359	7.8828	1.2478	1.2164	4.0494
0.60	1.8712	1.0851	9.4958	7.6274	1.2450	1.2183	4.0309
0.80	2.0674	1.0758	9.0600	7.2938	1.2421	1.2226	4.0206
1.00	2.2650	1.0699	8.5782	6.9202	1.2396	1.2298	4.0214
1.20	2.4645	1.0687	8.0912	6.5389	1.2374	1.2412	4.0375
1.40	2.6667	1.0739	7.6277	6.1740	1.2355	1.2586	4.0758
1.60	2.8727	1.0889	7.2050	5.8393	1.2339	1.2860	4.1486
1.80	3.0845	1.1190	6.8216	5.5394	1.2315	1.3277	4.2731
2.00	3.3053	1.1738	6.4905	5.2856	1.2280	1.3951	4.4862
2.20	3.5401	1.2719	6.2088	5.0585	1.2274	1.4803	4.8096
2.40	3.7918	1.4326	5.9543	4.9683	1.1985	1.6173	5.3366
2.60	4.0836	1.7699	5.9730	5.0212	1.1896	1.8597	6.3608
2.80	4.4224	2.4361	6.0360	5.0393	1.1978	2.1910	8.0994
3.00	4.8169	3.8123	0.0	5.0394	0.0	0.0	0.0

T= 4800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4578	1.9820	0.0	9.8465	0.0	0.0	0.0
-6.80	-5.2591	1.9760	15.4669	12.6308	1.2245	0.0	0.0
-6.60	-5.0611	1.9670	20.1339	16.8401	1.1956	1.1801	5.3977
-6.40	-4.8640	1.9537	26.8847	22.8613	1.1760	1.1541	5.3198
-6.20	-4.6684	1.9344	36.0942	30.9770	1.1652	1.1348	5.2492
-6.00	-4.4744	1.9075	47.6110	40.9699	1.1621	1.1213	5.1814
-5.80	-4.2827	1.8716	60.7206	52.0475	1.1666	1.1122	5.1116
-5.60	-4.0933	1.8265	73.7040	62.6933	1.1756	1.1063	5.0362
-5.40	-3.9061	1.7732	84.3011	71.1826	1.1843	1.1025	4.9537
-5.20	-3.7208	1.7142	90.8206	76.1750	1.1923	1.1003	4.8656
-5.00	-3.5367	1.6527	92.3063	77.1774	1.1960	1.0991	4.7749
-4.80	-3.3530	1.5918	89.2188	74.5974	1.1960	1.0988	4.6855

T= 4800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.1690	1.5342	82.7332	69.3772	1.1925	1.0991	4.6006
-4.40	-2.9841	1.4817	74.2381	62.5766	1.1864	1.1001	4.5233
-4.20	-2.7980	1.4353	64.9934	55.1209	1.1791	1.1017	4.4551
-4.00	-2.6103	1.3950	55.8891	47.6902	1.1719	1.1041	4.3969
-3.80	-2.4211	1.3608	47.4720	40.7283	1.1656	1.1071	4.3485
-3.60	-2.2304	1.3320	40.0184	34.4745	1.1608	1.1110	4.3100
-3.40	-2.0383	1.3081	33.6070	29.0201	1.1581	1.1159	4.2804
-3.20	-1.8449	1.2883	28.1994	24.3720	1.1570	1.1218	4.2592
-3.00	-1.6504	1.2721	23.7181	20.4747	1.1584	1.1289	4.2456
-2.80	-1.4550	1.2587	20.0448	17.2499	1.1620	1.1373	4.2389
-2.60	-1.2588	1.2475	17.0672	14.6120	1.1680	1.1470	4.2381
-2.40	-1.0621	1.2382	14.6822	12.4802	1.1764	1.1579	4.2423
-2.20	-0.8649	1.2303	12.7811	10.7745	1.1862	1.1699	4.2505
-2.00	-0.6674	1.2233	11.3020	9.4329	1.1982	1.1827	4.2614
-1.80	-0.4697	1.2169	10.1672	8.4001	1.2104	1.1955	4.2732
-1.60	-0.2719	1.2107	9.3416	7.6375	1.2231	1.2079	4.2843
-1.40	-0.0741	1.2043	8.7875	7.1145	1.2352	1.2187	4.2921
-1.20	0.1234	1.1975	8.4819	6.8083	1.2458	1.2271	4.2947
-1.00	0.3206	1.1899	8.3983	6.7006	1.2534	1.2322	4.2899
-0.80	0.5173	1.1810	8.5117	6.7651	1.2582	1.2339	4.2769
-0.60	0.7136	1.1708	8.7790	6.9642	1.2606	1.2329	4.2565
-0.40	0.9092	1.1591	9.1292	7.2381	1.2613	1.2300	4.2303
-0.20	1.1043	1.1460	9.4759	7.5150	1.2609	1.2256	4.1988
0.0	1.2987	1.1321	9.7209	7.7215	1.2589	1.2218	4.1668
0.20	1.4932	1.1178	9.7815	7.7842	1.2566	1.2204	4.1380
0.40	1.6879	1.1042	9.6711	7.7114	1.2541	1.2203	4.1126
0.60	1.8830	1.0920	9.4060	7.5161	1.2515	1.2218	4.0922
0.80	2.0791	1.0821	9.0273	7.2286	1.2488	1.2255	4.0798
1.00	2.2764	1.0755	8.5800	6.8861	1.2460	1.2323	4.0786
1.20	2.4756	1.0734	8.1119	6.5217	1.2438	1.2433	4.0929
1.40	2.6774	1.0780	7.6488	6.1626	1.2412	1.2605	4.1299
1.60	2.8832	1.0923	7.2222	5.8244	1.2400	1.2877	4.2018
1.80	3.0947	1.1218	6.8273	5.5187	1.2371	1.3291	4.3259
2.00	3.3152	1.1758	6.4679	5.2418	1.2339	1.3970	4.5409
2.20	3.5498	1.2734	6.1591	4.9893	1.2344	1.4828	4.8671
2.40	3.8006	1.4314	5.8969	4.8963	1.2044	1.6137	5.3861
2.60	4.0920	1.7669	5.9039	4.9462	1.1936	1.8590	6.4212
2.80	4.4303	2.4293	5.9667	4.9634	1.2021	2.1901	8.1721
3.00	4.8236	3.7910	0.0	4.9606	0.0	0.0	0.0

T= 4900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4479	1.9865	0.0	8.0247	0.0	0.0	0.0
-6.80	-5.2488	1.9824	12.1723	9.6419	1.2624	0.0	0.0
-6.60	-5.0501	1.9764	15.0536	12.2471	1.2292	1.2177	5.5531
-6.40	-4.8520	1.9675	19.4715	16.2198	1.2005	1.1850	5.4657
-6.20	-4.6549	1.9544	25.8711	21.9218	1.1802	1.1584	5.3860
-6.00	-4.4592	1.9354	34.6116	29.6230	1.1684	1.1385	5.3135
-5.80	-4.2652	1.9088	45.6564	39.1853	1.1651	1.1245	5.2443
-5.60	-4.0733	1.8733	58.2225	49.8074	1.1690	1.1150	5.1734
-5.40	-3.8838	1.8285	70.7452	60.1185	1.1768	1.1087	5.0968
-5.20	-3.6966	1.7755	81.1586	68.4304	1.1860	1.1048	5.0134
-5.00	-3.5113	1.7166	87.6326	73.3965	1.1940	1.1023	4.9242
-4.80	-3.3271	1.6551	89.2995	74.5404	1.1980	1.1011	4.8323

T= 4900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.1434	1.5941	86.4969	72.2236	1.1976	1.1007	4.7416
-4.40	-2.9594	1.5364	80.4006	67.3149	1.1944	1.1009	4.6555
-4.20	-2.7746	1.4837	72.3043	60.8351	1.1885	1.1018	4.5768
-4.00	-2.5885	1.4369	63.4212	53.6888	1.1813	1.1034	4.5073
-3.80	-2.4009	1.3964	54.6416	46.5532	1.1737	1.1057	4.4478
-3.60	-2.2118	1.3619	46.5128	39.8419	1.1674	1.1087	4.3985
-3.40	-2.0212	1.3329	39.2963	33.8105	1.1623	1.1125	4.3590
-3.20	-1.8291	1.3087	33.0796	28.5443	1.1589	1.1173	4.3286
-3.00	-1.6358	1.2888	27.8467	24.0487	1.1579	1.1231	4.3066
-2.80	-1.4414	1.2723	23.5037	20.2775	1.1591	1.1301	4.2922
-2.60	-1.2460	1.2587	19.9429	17.1583	1.1623	1.1383	4.2846
-2.40	-1.0500	1.2473	17.0563	14.6075	1.1676	1.1476	4.2827
-2.20	-0.8533	1.2378	14.7431	12.5453	1.1752	1.1581	4.2857
-2.00	-0.6562	1.2295	12.9107	10.9021	1.1842	1.1695	4.2924
-1.80	-0.4588	1.2222	11.4810	9.6123	1.1944	1.1813	4.3013
-1.60	-0.2612	1.2154	10.4018	8.6272	1.2057	1.1933	4.3110
-1.40	-0.0636	1.2088	9.6217	7.9046	1.2172	1.2044	4.3191
-1.20	0.1339	1.2019	9.1099	7.4208	1.2276	1.2140	4.3238
-1.00	0.3312	1.1944	8.8403	7.1482	1.2367	1.2211	4.3230
-0.80	0.5281	1.1859	8.7884	7.0670	1.2436	1.2252	4.3149
-0.60	0.7245	1.1762	8.9217	7.1466	1.2484	1.2264	4.2992
-0.40	0.9204	1.1651	9.1794	7.3381	1.2509	1.2254	4.2772
-0.20	1.1158	1.1527	9.4806	7.5775	1.2511	1.2218	4.2481
0.0	1.3104	1.1392	9.7504	7.7965	1.2506	1.2186	4.2176
0.20	1.5049	1.1251	9.9008	7.9188	1.2503	1.2179	4.1901
0.40	1.6996	1.1114	9.8884	7.9265	1.2475	1.2169	4.1628
0.60	1.8947	1.0988	9.7154	7.8069	1.2445	1.2174	4.1401
0.80	2.0906	1.0884	9.4043	7.5808	1.2405	1.2202	4.1251
1.00	2.2876	1.0811	9.0063	7.2800	1.2371	1.2262	4.1214
1.20	2.4865	1.0784	8.5614	6.9416	1.2333	1.2362	4.1330
1.40	2.6881	1.0822	8.1109	6.5876	1.2312	1.2529	4.1682
1.60	2.8935	1.0958	7.6761	6.2476	1.2287	1.2794	4.2385
1.80	3.1048	1.1247	7.2771	5.9399	1.2251	1.3198	4.3610
2.00	3.3249	1.1780	6.8883	5.6345	1.2225	1.3888	4.5788
2.20	3.5593	1.2750	6.5395	5.3514	1.2220	1.4688	4.8972
2.40	3.8092	1.4302	6.2693	5.2553	1.1929	1.6023	5.4195
2.60	4.1003	1.7639	6.2506	5.3020	1.1789	1.8446	6.4576
2.80	4.4381	2.4227	6.3237	5.3202	1.1886	2.1734	8.2141
3.00	4.8302	3.7706	0.0	5.3160	0.0	0.0	0.0

T= 5000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4384	1.9896	0.0	7.2026	0.0	0.0	0.0
-6.80	-5.2390	1.9867	10.4166	8.0375	1.2960	0.0	0.0
-6.60	-5.0399	1.9826	12.0955	9.5597	1.2653	1.2558	5.7056
-6.40	-4.8413	1.9766	14.8555	12.0447	1.2334	1.2209	5.6172
-6.20	-4.6432	1.9677	19.0568	15.8312	1.2037	1.1884	5.5295
-6.00	-4.4461	1.9545	25.1880	21.2964	1.1827	1.1617	5.4485
-5.80	-4.2504	1.9355	33.6022	28.6751	1.1718	1.1416	5.3749
-5.60	-4.0564	1.9089	44.2082	37.8126	1.1691	1.1273	5.3043
-5.40	-3.8645	1.8734	56.3046	48.0202	1.1725	1.1176	5.2321
-5.20	-3.6751	1.8286	68.3304	57.9140	1.1799	1.1112	5.1543
-5.00	-3.4878	1.7756	78.3008	65.8530	1.1890	1.1071	5.0697
-4.80	-3.3025	1.7167	84.5009	70.6301	1.1964	1.1046	4.9793

T= 5000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.1183	1.6552	86.0328	71.7199	1.2003	1.1032	4.8863
-4.40	-2.9346	1.5942	83.3850	69.4703	1.2003	1.1028	4.7945
-4.20	-2.7507	1.5364	77.4945	64.7429	1.1970	1.1031	4.7075
-4.00	-2.5658	1.4837	69.7004	58.5348	1.1908	1.1040	4.6278
-3.80	-2.3798	1.4369	61.1645	51.6682	1.1838	1.1056	4.5576
-3.60	-2.1922	1.3963	52.7260	44.8112	1.1766	1.1079	4.4974
-3.40	-2.0031	1.3617	44.9181	38.3890	1.1701	1.1110	4.4476
-3.20	-1.8124	1.3327	37.9817	32.5992	1.1651	1.1149	4.4076
-3.00	-1.6204	1.3085	32.0084	27.5508	1.1618	1.1198	4.3770
-2.80	-1.4271	1.2884	26.9806	23.2411	1.1609	1.1258	4.3548
-2.60	-1.2327	1.2718	22.8103	19.6276	1.1622	1.1328	4.3401
-2.40	-1.0375	1.2581	19.3921	16.6387	1.1655	1.1410	4.3323
-2.20	-0.8415	1.2466	16.6254	14.1975	1.1710	1.1504	4.3302
-2.00	-0.6449	1.2368	14.4117	12.2315	1.1782	1.1608	4.3327
-1.80	-0.4479	1.2283	12.6661	10.6624	1.1879	1.1722	4.3388
-1.60	-0.2506	1.2207	11.3138	9.4433	1.1981	1.1839	4.3469
-1.40	-0.0532	1.2134	10.2987	8.5174	1.2091	1.1955	4.3550
-1.20	0.1442	1.2062	9.5791	7.8503	1.2202	1.2061	4.3614
-1.00	0.3415	1.1987	9.1256	7.4173	1.2303	1.2149	4.3636
-0.80	0.5385	1.1904	8.9100	7.1901	1.2392	1.2213	4.3599
-0.60	0.7351	1.1811	8.8981	7.1435	1.2456	1.2248	4.3490
-0.40	0.9312	1.1705	9.0405	7.2360	1.2494	1.2256	4.3310
-0.20	1.1268	1.1586	9.2767	7.4097	1.2520	1.2237	4.3056
0.0	1.3216	1.1456	9.5275	7.6070	1.2525	1.2210	4.2767
0.20	1.5164	1.1320	9.7278	7.7710	1.2518	1.2201	4.2495
0.40	1.7111	1.1183	9.7957	7.8434	1.2489	1.2186	4.2211
0.60	1.9061	1.1055	9.7061	7.7940	1.2453	1.2184	4.1967
0.80	2.1018	1.0946	9.4680	7.6223	1.2421	1.2207	4.1798
1.00	2.2987	1.0868	9.1212	7.3641	1.2386	1.2261	4.1741
1.20	2.4973	1.0834	8.7038	7.0523	1.2342	1.2359	4.1842
1.40	2.6986	1.0866	8.2643	6.7120	1.2313	1.2520	4.2176
1.60	2.9033	1.0996	7.8238	6.3729	1.2277	1.2780	4.2864
1.80	3.1148	1.1277	7.4211	6.0638	1.2238	1.3179	4.4082
2.00	3.3346	1.1804	7.0146	5.7392	1.2222	1.3866	4.6261
2.20	3.5686	1.2767	6.6362	5.4284	1.2225	1.4669	4.9473
2.40	3.8176	1.4291	6.3476	5.3314	1.1906	1.5901	5.4526
2.60	4.1083	1.7611	6.3128	5.3789	1.1736	1.8371	6.5044
2.80	4.4457	2.4164	6.4013	5.3952	1.1865	2.1644	8.2694
3.00	4.8367	3.7509	0.0	5.3924	0.0	0.0	0.0

T= 5100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4293	1.9921	0.0	7.0518	0.0	0.0	0.0
-6.80	-5.2298	1.9898	9.6245	7.3348	1.3122	0.0	0.0
-6.60	-5.0304	1.9868	10.4954	8.1132	1.2936	1.2864	5.8382
-6.40	-4.8313	1.9826	12.0898	9.5664	1.2638	1.2564	5.7636
-6.20	-4.6327	1.9764	14.7508	11.9527	1.2341	1.2226	5.6768
-6.00	-4.4347	1.9673	18.8419	15.6142	1.2067	1.1908	5.5896
-5.80	-4.2377	1.9539	24.7722	20.8912	1.1858	1.1643	5.5082
-5.60	-4.0420	1.9346	32.8884	27.9895	1.1750	1.1442	5.4332
-5.40	-3.8481	1.9076	43.1280	36.7785	1.1726	1.1298	5.3613
-5.20	-3.6563	1.8717	54.7118	46.5419	1.1755	1.1200	5.2875
-5.00	-3.4669	1.8265	66.1736	55.9329	1.1831	1.1136	5.2083
-4.80	-3.2798	1.7732	75.6057	63.4110	1.1923	1.1095	5.1222

T= 5100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.0945	1.7141	81.3262	67.8034	1.1994	1.1070	5.0306
-4.40	-2.9104	1.6525	82.6342	68.6682	1.2034	1.1057	4.9365
-4.20	-2.7267	1.5916	79.8749	66.3834	1.2032	1.1053	4.8438
-4.00	-2.5427	1.5340	74.0973	61.7598	1.1998	1.1058	4.7562
-3.80	-2.3579	1.4814	66.5461	55.7428	1.1938	1.1068	4.6762
-3.60	-2.1718	1.4349	58.3295	49.1482	1.1868	1.1086	4.6059
-3.40	-1.9841	1.3946	50.2405	42.5808	1.1799	1.1111	4.5458
-3.20	-1.7950	1.3602	42.7640	36.4292	1.1739	1.1143	4.4961
-3.00	-1.6043	1.3313	36.1367	30.9055	1.1693	1.1186	4.4564
-2.80	-1.4122	1.3072	30.4380	26.0927	1.1665	1.1237	4.4262
-2.60	-1.2189	1.2872	25.6460	21.9894	1.1663	1.1301	4.4046
-2.40	-1.0245	1.2707	21.6765	18.5556	1.1682	1.1376	4.3906
-2.20	-0.8293	1.2569	18.4324	15.7228	1.1723	1.1463	4.3836
-2.00	-0.6333	1.2453	15.8126	13.4090	1.1792	1.1563	4.3822
-1.80	-0.4368	1.2354	13.7187	11.5488	1.1879	1.1674	4.3856
-1.60	-0.2398	1.2267	12.0761	10.0796	1.1981	1.1793	4.3923
-1.40	-0.0427	1.2187	10.8153	8.9401	1.2097	1.1915	4.4007
-1.20	0.1546	1.2110	9.8856	8.0869	1.2224	1.2035	4.4088
-1.00	0.3518	1.2032	9.2446	7.4895	1.2343	1.2142	4.4141
-0.80	0.5488	1.1950	8.8567	7.1150	1.2448	1.2229	4.4147
-0.60	0.7455	1.1860	8.6946	6.9365	1.2535	1.2290	4.4089
-0.40	0.9418	1.1758	8.7133	6.9156	1.2599	1.2322	4.3958
-0.20	1.1375	1.1644	8.8582	7.0094	1.2638	1.2320	4.3741
0.0	1.3326	1.1519	9.0545	7.1528	1.2659	1.2310	4.3486
0.20	1.5275	1.1385	9.2222	7.2954	1.2641	1.2298	4.3211
0.40	1.7223	1.1250	9.3051	7.3658	1.2633	1.2286	4.2933
0.60	1.9173	1.1121	9.2477	7.3333	1.2611	1.2290	4.2694
0.80	2.1129	1.1009	9.0503	7.1893	1.2589	1.2317	4.2525
1.00	2.3096	1.0925	8.7324	6.9551	1.2555	1.2374	4.2460
1.20	2.5080	1.0886	8.3452	6.6626	1.2526	1.2474	4.2555
1.40	2.7090	1.0911	7.9215	6.3382	1.2498	1.2640	4.2886
1.60	2.9139	1.1034	7.4913	6.0090	1.2467	1.2901	4.3571
1.80	3.1246	1.1309	7.0883	5.7020	1.2431	1.3304	4.4794
2.00	3.3441	1.1830	6.6860	5.3805	1.2426	1.4018	4.7029
2.20	3.5779	1.2785	6.3011	5.0740	1.2418	1.4765	5.0160
2.40	3.8259	1.4280	5.9924	4.9726	1.2051	1.6028	5.5260
2.60	4.1163	1.7584	5.9566	5.0195	1.1867	1.8472	6.5823
2.80	4.4532	2.4103	6.0461	5.0341	1.2010	2.1790	8.3692
3.00	4.8431	3.7321	0.0	5.0323	0.0	0.0	0.0

T= 5200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4203	1.9945	0.0	7.3309	0.0	0.0	0.0
-6.80	-5.2208	1.9924	9.4591	7.2037	1.3131	0.0	0.0
-6.60	-5.0213	1.9900	9.7589	7.4588	1.3084	1.3037	5.9394
-6.40	-4.8220	1.9868	10.6022	8.2154	1.2905	1.2845	5.8910
-6.20	-4.6229	1.9824	12.1906	9.6444	1.2640	1.2558	5.8183
-6.00	-4.4243	1.9760	14.8264	12.0109	1.2344	1.2230	5.7326
-5.80	-4.2264	1.9666	18.8773	15.6269	1.2080	1.1919	5.6455
-5.60	-4.0295	1.9527	24.7765	20.8401	1.1889	1.1658	5.5637
-5.40	-3.8339	1.9328	32.7532	27.8316	1.1768	1.1459	5.4878
-5.20	-3.6402	1.9051	42.7783	36.4010	1.1752	1.1316	5.4144
-5.00	-3.4487	1.8685	54.0308	45.8196	1.1792	1.1219	5.3390
-4.80	-3.2595	1.8226	64.9805	54.7725	1.1864	1.1156	5.2580

T= 5200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.0725	1.7686	73.8203	61.7740	1.1950	1.1115	5.1703
-4.40	-2.8873	1.7092	79.0254	65.7328	1.2022	1.1091	5.0772
-4.20	-2.7033	1.6476	79.9503	66.3036	1.2058	1.1079	4.9820
-4.00	-2.5196	1.5868	76.9997	63.8923	1.2051	1.1075	4.8885
-3.80	-2.3356	1.5295	71.2479	59.2997	1.2015	1.1080	4.8004
-3.60	-2.1506	1.4774	63.8767	53.4283	1.1956	1.1091	4.7204
-3.40	-1.9644	1.4313	55.9299	47.0596	1.1885	1.1110	4.6501
-3.20	-1.7767	1.3914	48.1491	40.7535	1.1815	1.1136	4.5902
-3.00	-1.5874	1.3575	40.9921	34.8687	1.1756	1.1170	4.5409
-2.80	-1.3966	1.3290	34.6663	29.6004	1.1711	1.1214	4.5017
-2.60	-1.2045	1.3051	29.2371	25.0167	1.1687	1.1268	4.4719
-2.40	-1.0111	1.2854	24.6868	21.1214	1.1688	1.1334	4.4508
-2.20	-0.8167	1.2689	20.9180	17.8640	1.1710	1.1411	4.4373
-2.00	-0.6214	1.2552	17.8414	15.1782	1.1755	1.1501	4.4305
-1.80	-0.4255	1.2436	15.3635	12.9970	1.1821	1.1603	4.4295
-1.60	-0.2290	1.2335	13.3911	11.2470	1.1906	1.1715	4.4328
-1.40	-0.0322	1.2245	11.8530	9.8685	1.2011	1.1834	4.4391
-1.20	0.1649	1.2162	10.6841	8.8109	1.2126	1.1955	4.4465
-1.00	0.3619	1.2080	9.8351	8.0311	1.2246	1.2072	4.4531
-0.80	0.5589	1.1997	9.2645	7.4970	1.2358	1.2174	4.4564
-0.60	0.7557	1.1907	8.9409	7.1764	1.2459	1.2252	4.4540
-0.40	0.9521	1.1809	8.8217	7.0365	1.2537	1.2306	4.4453
-0.20	1.1480	1.1699	8.8629	7.0368	1.2595	1.2324	4.4277
0.0	1.3432	1.1578	8.9940	7.1228	1.2627	1.2330	4.4058
0.20	1.5383	1.1447	9.1104	7.2047	1.2645	1.2336	4.3821
0.40	1.7332	1.1314	9.1706	7.2454	1.2657	1.2341	4.3572
0.60	1.9282	1.1185	9.1212	7.2067	1.2657	1.2356	4.3350
0.80	2.1237	1.1070	8.9449	7.0754	1.2642	1.2391	4.3188
1.00	2.3203	1.0983	8.6606	6.8628	1.2620	1.2451	4.3122
1.20	2.5185	1.0937	8.3008	6.5926	1.2591	1.2551	4.3206
1.40	2.7193	1.0957	7.8962	6.2868	1.2560	1.2716	4.3526
1.60	2.9239	1.1073	7.4819	5.9715	1.2529	1.2975	4.4201
1.80	3.1343	1.1343	7.0833	5.6700	1.2493	1.3381	4.5429
2.00	3.3536	1.1857	6.6980	5.3665	1.2481	1.4096	4.7674
2.20	3.5870	1.2805	6.3206	5.0745	1.2456	1.4835	5.0812
2.40	3.8340	1.4269	5.9878	4.9679	1.2053	1.5998	5.5734
2.60	4.1240	1.7557	5.9509	5.0135	1.1870	1.8515	6.6491
2.80	4.4606	2.4045	6.0439	5.0275	1.2022	2.1833	8.4490
3.00	4.8494	3.7140	0.0	5.0292	0.0	0.0	0.0

T= 5300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4115	1.9970	0.0	8.0110	0.0	0.0	0.0
-6.80	-5.2120	1.9949	9.7983	7.5326	1.3008	0.0	0.0
-6.60	-5.0124	1.9926	9.6552	7.3789	1.3085	1.3045	6.0022
-6.40	-4.8130	1.9900	9.9353	7.6206	1.3038	1.2991	5.9857
-6.20	-4.6137	1.9867	10.7783	8.3678	1.2881	1.2813	5.9396
-6.00	-4.4148	1.9820	12.3706	9.8024	1.2620	1.2537	5.8685
-5.80	-4.2162	1.9753	15.0144	12.1697	1.2338	1.2219	5.7837
-5.60	-4.0184	1.9654	19.0787	15.7964	1.2078	1.1916	5.6972
-5.40	-3.8216	1.9509	24.9569	20.9741	1.1899	1.1663	5.6155
-5.20	-3.6263	1.9302	32.8954	27.8849	1.1797	1.1468	5.5388
-5.00	-3.4328	1.9015	42.7283	36.2658	1.1782	1.1330	5.4643
-4.80	-3.2415	1.8637	53.6167	45.3486	1.1823	1.1236	5.3872

T= 5300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.0525	1.8168	64.0352	53.8120	1.1900	1.1173	5.3042
-4.40	-2.8658	1.7621	72.2068	60.2589	1.1983	1.1133	5.2145
-4.20	-2.6808	1.7023	76.7545	63.6902	1.2051	1.1111	5.1199
-4.00	-2.4969	1.6406	77.1703	63.8626	1.2084	1.1099	5.0236
-3.80	-2.3132	1.5801	73.9481	61.2492	1.2073	1.1097	4.9295
-3.60	-2.1291	1.5233	68.1486	56.6390	1.2032	1.1102	4.8413
-3.40	-1.9440	1.4718	60.9292	50.8945	1.1972	1.1115	4.7615
-3.20	-1.7576	1.4263	53.2477	44.7431	1.1901	1.1134	4.6916
-3.00	-1.5698	1.3871	45.7928	38.7010	1.1832	1.1162	4.6324
-2.80	-1.3803	1.3538	38.9769	33.0992	1.1776	1.1198	4.5837
-2.60	-1.1894	1.3257	32.9814	28.0985	1.1738	1.1244	4.5453
-2.40	-0.9971	1.3023	27.8459	23.7647	1.1717	1.1300	4.5162
-2.20	-0.8037	1.2828	23.5440	20.0887	1.1720	1.1368	4.4957
-2.00	-0.6092	1.2666	19.9927	17.0235	1.1744	1.1448	4.4829
-1.80	-0.4139	1.2530	17.1072	14.5031	1.1796	1.1540	4.4766
-1.60	-0.2180	1.2413	14.7884	12.4630	1.1866	1.1644	4.4757
-1.40	-0.0216	1.2311	12.9512	10.8310	1.1958	1.1757	4.4789
-1.20	0.1752	1.2219	11.5277	9.5567	1.2062	1.1876	4.4846
-1.00	0.3720	1.2132	10.4615	8.5893	1.2180	1.1995	4.4909
-0.80	0.5689	1.2045	9.7012	7.8894	1.2296	1.2106	4.4954
-0.60	0.7657	1.1955	9.2099	7.4234	1.2407	1.2200	4.4959
-0.40	0.9621	1.1857	8.9476	7.1584	1.2499	1.2271	4.4907
-0.20	1.1582	1.1751	8.8731	7.0553	1.2576	1.2308	4.4770
0.0	1.3536	1.1633	8.9179	7.0653	1.2622	1.2331	4.4588
0.20	1.5488	1.1506	8.9738	7.0832	1.2669	1.2364	4.4403
0.40	1.7438	1.1375	9.0049	7.0924	1.2697	1.2385	4.4187
0.60	1.9389	1.1247	8.9620	7.0518	1.2709	1.2409	4.3980
0.80	2.1344	1.1131	8.8163	6.9387	1.2706	1.2446	4.3818
1.00	2.3308	1.1040	8.5705	6.7536	1.2690	1.2505	4.3741
1.20	2.5288	1.0990	8.2430	6.5096	1.2663	1.2605	4.3816
1.40	2.7294	1.1003	7.8625	6.2269	1.2627	1.2765	4.4121
1.60	2.9337	1.1114	7.4640	5.9295	1.2588	1.3020	4.4782
1.80	3.1439	1.1377	7.0714	5.6348	1.2549	1.3424	4.6005
2.00	3.3629	1.1886	6.7046	5.3494	1.2533	1.4140	4.8266
2.20	3.5959	1.2826	6.3340	5.0714	1.2490	1.4792	5.1258
2.40	3.8419	1.4258	5.9855	4.9629	1.2061	1.6008	5.6255
2.60	4.1317	1.7531	5.9477	5.0086	1.1875	1.8486	6.7025
2.80	4.4679	2.3989	6.0432	5.0210	1.2036	2.1820	8.5174
3.00	4.8556	3.6965	0.0	5.0265	0.0	0.0	0.0

T= 5400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4027	1.9999	0.0	9.0365	0.0	0.0	0.0
-6.80	-5.2033	1.9974	10.5225	8.2144	1.2810	0.0	0.0
-6.60	-5.0038	1.9951	10.0055	7.7108	1.2976	1.2932	6.0360
-6.40	-4.8043	1.9928	9.8445	7.5481	1.3042	1.2995	6.0472
-6.20	-4.6049	1.9900	10.1282	7.7909	1.3000	1.2944	6.0311
-6.00	-4.4057	1.9864	10.9857	8.5558	1.2840	1.2772	5.9854
-5.80	-4.2068	1.9814	12.6159	10.0156	1.2596	1.2506	5.9153
-5.60	-4.0083	1.9743	15.3219	12.4339	1.2323	1.2198	5.8315
-5.40	-3.8107	1.9638	19.4436	16.1031	1.2074	1.1904	5.7454
-5.20	-3.6141	1.9484	25.3904	21.3288	1.1904	1.1659	5.6638
-5.00	-3.4190	1.9266	33.3300	28.2090	1.1815	1.1472	5.5866
-4.80	-3.2258	1.8966	43.0242	36.4445	1.1805	1.1339	5.5107

T= 5400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.0348	1.8575	53.5782	45.1819	1.1858	1.1248	5.4317
-4.40	-2.8462	1.8093	63.4406	53.1419	1.1938	1.1188	5.3465
-4.20	-2.6598	1.7536	70.8707	58.9712	1.2018	1.1151	5.2548
-4.00	-2.4750	1.6933	74.6718	61.8143	1.2080	1.1129	5.1585
-3.80	-2.2912	1.6315	74.5234	61.5573	1.2106	1.1119	5.0613
-3.60	-2.1075	1.5714	70.9788	58.7024	1.2091	1.1118	4.9669
-3.40	-1.9233	1.5153	65.1095	54.0422	1.2048	1.1124	4.8788
-3.20	-1.7380	1.4646	58.0047	48.3996	1.1985	1.1138	4.7995
-3.00	-1.5514	1.4200	50.5820	42.4489	1.1916	1.1160	4.7305
-2.80	-1.3633	1.3816	43.4409	36.6671	1.1847	1.1189	4.6723
-2.60	-1.1737	1.3490	36.9682	31.3380	1.1797	1.1227	4.6247
-2.40	-0.9826	1.3217	31.2887	26.6067	1.1760	1.1275	4.5873
-2.20	-0.7902	1.2988	26.4507	22.5217	1.1745	1.1334	4.5593
-2.00	-0.5966	1.2797	22.3998	19.0664	1.1748	1.1405	4.5398
-1.80	-0.4021	1.2637	19.0814	16.1924	1.1784	1.1488	4.5277
-1.60	-0.2068	1.2502	16.3780	13.8363	1.1837	1.1583	4.5220
-1.40	-0.0108	1.2386	14.2238	11.9366	1.1916	1.1689	4.5214
-1.20	0.1855	1.2282	12.5253	10.4286	1.2011	1.1803	4.5244
-1.00	0.3822	1.2187	11.2173	9.2585	1.2116	1.1920	4.5292
-0.80	0.5789	1.2096	10.2549	8.3822	1.2234	1.2035	4.5338
-0.60	0.7755	1.2003	9.5823	7.7613	1.2346	1.2140	4.5362
-0.40	0.9720	1.1906	9.1674	7.3614	1.2453	1.2228	4.5341
-0.20	1.1682	1.1801	8.9614	7.1448	1.2543	1.2282	4.5240
0.0	1.3637	1.1687	8.9089	7.0673	1.2606	1.2324	4.5098
0.20	1.5590	1.1563	8.8814	6.9978	1.2692	1.2388	4.4974
0.40	1.7542	1.1434	8.8676	6.9621	1.2737	1.2423	4.4787
0.60	1.9493	1.1307	8.8209	6.9136	1.2759	1.2453	4.4591
0.80	2.1448	1.1190	8.7036	6.8204	1.2761	1.2489	4.4424
1.00	2.3411	1.1096	8.4929	6.6666	1.2740	1.2544	4.4335
1.20	2.5390	1.1042	8.2056	6.4560	1.2710	1.2637	4.4389
1.40	2.7394	1.1050	7.8611	6.2039	1.2671	1.2791	4.4676
1.60	2.9435	1.1155	7.4886	5.9297	1.2629	1.3040	4.5321
1.80	3.1533	1.1412	7.1065	5.6477	1.2583	1.3441	4.6541
2.00	3.3721	1.1916	6.7639	5.3866	1.2557	1.4140	4.8780
2.20	3.6048	1.2848	6.4069	5.1306	1.2488	1.4791	5.1785
2.40	3.8497	1.4248	6.0443	5.0180	1.2045	1.5904	5.6593
2.60	4.1392	1.7506	6.0048	5.0655	1.1854	1.8449	6.7536
2.80	4.4750	2.3935	6.1027	5.0779	1.2018	2.1757	8.5752
3.00	4.8618	3.6797	0.0	5.0905	0.0	0.0	0.0

T= 5500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3940	2.0034	0.0	10.4122	0.0	0.0	0.0
-6.80	-5.1947	2.0004	11.6177	9.2289	1.2588	0.0	0.0
-6.60	-4.9952	1.9978	10.7005	8.3822	1.2766	1.2742	6.0507
-6.40	-4.7958	1.9954	10.1855	7.8721	1.2939	1.2887	6.0815
-6.20	-4.5963	1.9928	10.0313	7.7137	1.3004	1.2948	6.0920
-6.00	-4.3970	1.9898	10.3346	7.9739	1.2960	1.2896	6.0751
-5.80	-4.1978	1.9860	11.2303	8.7727	1.2801	1.2725	6.0289
-5.60	-3.9990	1.9806	12.9338	10.2933	1.2565	1.2466	5.9592
-5.40	-3.8007	1.9729	15.7400	12.7871	1.2309	1.2168	5.8759
-5.20	-3.6032	1.9616	19.9725	16.5524	1.2066	1.1885	5.7906
-5.00	-3.4068	1.9452	26.0465	21.8517	1.1920	1.1650	5.7091
-4.80	-3.2120	1.9220	34.0138	28.7318	1.1838	1.1472	5.6314

T= 5500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.0192	1.8905	43.6030	36.8372	1.1837	1.1345	5.5541
-4.40	-2.8287	1.8497	53.7854	45.2121	1.1896	1.1260	5.4730
-4.20	-2.6405	1.8000	62.9860	52.5876	1.1977	1.1203	5.3855
-4.00	-2.4544	1.7432	69.6015	57.7241	1.2058	1.1168	5.2916
-3.80	-2.2699	1.6824	72.5666	59.9165	1.2111	1.1148	5.1938
-3.60	-2.0861	1.6207	71.7648	59.1613	1.2130	1.1140	5.0957
-3.40	-1.9023	1.5611	67.8539	56.0298	1.2110	1.1140	5.0012
-3.20	-1.7180	1.5058	61.8852	51.3093	1.2061	1.1147	4.9135
-3.00	-1.5326	1.4562	54.9180	45.7782	1.1997	1.1163	4.8352
-2.80	-1.3457	1.4127	47.7627	40.0428	1.1928	1.1187	4.7675
-2.60	-1.1574	1.3753	40.9667	34.5296	1.1864	1.1218	4.7106
-2.40	-0.9675	1.3435	34.8371	29.4874	1.1814	1.1259	4.6643
-2.20	-0.7762	1.3169	29.5032	25.0418	1.1782	1.1310	4.6283
-2.00	-0.5836	1.2946	24.9781	21.2159	1.1773	1.1371	4.6015
-1.80	-0.3899	1.2760	21.2096	17.9944	1.1787	1.1445	4.5831
-1.60	-0.1953	1.2603	18.1183	15.3227	1.1824	1.1531	4.5720
-1.40	0.0001	1.2470	15.6242	13.1454	1.1886	1.1629	4.5669
-1.20	0.1960	1.2353	13.6344	11.3934	1.1967	1.1737	4.5665
-1.00	0.3923	1.2248	12.0817	10.0142	1.2065	1.1851	4.5691
-0.80	0.5888	1.2150	10.9044	8.9564	1.2175	1.1968	4.5731
-0.60	0.7853	1.2054	10.0534	8.1774	1.2294	1.2078	4.5759
-0.40	0.9818	1.1955	9.4768	7.6392	1.2406	1.2177	4.5757
-0.20	1.1779	1.1850	9.1319	7.3049	1.2501	1.2246	4.5685
0.0	1.3735	1.1738	8.9763	7.1327	1.2585	1.2310	4.5587
0.20	1.5691	1.1618	8.8689	6.9884	1.2691	1.2392	4.5503
0.40	1.7643	1.1492	8.8148	6.9142	1.2749	1.2434	4.5332
0.60	1.9595	1.1365	8.7668	6.8620	1.2776	1.2466	4.5141
0.80	2.1550	1.1248	8.6716	6.7889	1.2773	1.2497	4.4964
1.00	2.3513	1.1152	8.5018	6.6659	1.2754	1.2549	4.4863
1.20	2.5490	1.1094	8.2520	6.4864	1.2722	1.2636	4.4902
1.40	2.7492	1.1098	7.9387	6.2616	1.2678	1.2784	4.5171
1.60	2.9530	1.1197	7.5866	6.0071	1.2629	1.3026	4.5800
1.80	3.1627	1.1448	7.2142	5.7340	1.2582	1.3424	4.7012
2.00	3.3812	1.1947	6.8881	5.4940	1.2538	1.4116	4.9253
2.20	3.6135	1.2870	6.5471	5.2549	1.2459	1.4668	5.2086
2.40	3.8574	1.4238	6.1650	5.1371	1.2001	1.5851	5.6978
2.60	4.1465	1.7481	6.1231	5.1837	1.1812	1.8361	6.7952
2.80	4.4820	2.3882	6.2234	5.1957	1.1978	2.1666	8.6268
3.00	4.8678	3.6635	0.0	5.2119	0.0	0.0	0.0

T= 5600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3852	2.0077	0.0	12.1760	0.0	0.0	0.0
-6.80	-5.1860	2.0040	13.0667	10.5792	1.2351	0.0	0.0
-6.60	-4.9867	2.0009	11.7787	9.3755	1.2563	1.2513	6.0552
-6.40	-4.7873	1.9981	10.8548	8.5247	1.2733	1.2707	6.0976
-6.20	-4.5879	1.9955	10.3383	8.0197	1.2891	1.2848	6.1274
-6.00	-4.3885	1.9927	10.2037	7.8759	1.2956	1.2903	6.1363
-5.80	-4.1892	1.9895	10.5588	8.1709	1.2922	1.2846	6.1178
-5.60	-3.9901	1.9853	11.5194	9.0269	1.2761	1.2676	6.0707
-5.40	-3.7914	1.9795	13.3197	10.6297	1.2531	1.2420	6.0003
-5.20	-3.5932	1.9711	16.2628	13.2373	1.2286	1.2131	5.9175
-5.00	-3.3960	1.9588	20.6707	17.1400	1.2060	1.1860	5.8327
-4.80	-3.1999	1.9411	26.8897	22.5520	1.1923	1.1637	5.7513

T= 5600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-3.0055	1.9163	34.9495	29.4508	1.1867	1.1469	5.5731
-4.40	-2.8131	1.8828	44.4131	37.4036	1.1874	1.1349	5.5940
-4.20	-2.6231	1.8401	54.1755	45.3814	1.1938	1.1269	5.5105
-4.00	-2.4354	1.7887	62.6550	52.1268	1.2020	1.1217	5.4204
-3.80	-2.2497	1.7308	68.3714	56.5232	1.2096	1.1184	5.3243
-3.60	-2.0654	1.6695	70.4639	58.0298	1.2143	1.1167	5.2250
-3.40	-1.8817	1.6080	68.9995	56.7731	1.2154	1.1159	5.1261
-3.20	-1.6979	1.5491	64.7253	53.3701	1.2128	1.1161	5.0318
-3.00	-1.5133	1.4949	58.6736	48.5946	1.2074	1.1171	4.9452
-2.80	-1.3276	1.4465	51.8373	43.1719	1.2007	1.1189	4.8683
-2.60	-1.1405	1.4042	44.9570	37.6540	1.1939	1.1214	4.8021
-2.40	-0.9519	1.3679	38.5030	32.4164	1.1878	1.1248	4.7468
-2.20	-0.7617	1.3373	32.7331	27.6650	1.1832	1.1291	4.7023
-2.00	-0.5702	1.3115	27.7476	23.4971	1.1809	1.1345	4.6678
-1.80	-0.3774	1.2899	23.5271	19.9328	1.1803	1.1410	4.6424
-1.60	-0.1835	1.2718	20.0333	16.9425	1.1824	1.1487	4.6252
-1.40	0.0112	1.2565	17.1762	14.4761	1.1865	1.1575	4.6149
-1.20	0.2066	1.2432	14.8823	12.4716	1.1933	1.1675	4.6103
-1.00	0.4025	1.2316	13.0737	10.8712	1.2026	1.1784	4.6101
-0.80	0.5987	1.2209	11.6647	9.6224	1.2122	1.1898	4.6122
-0.60	0.7951	1.2107	10.6177	8.6766	1.2237	1.2011	4.6146
-0.40	0.9914	1.2005	9.8696	7.9938	1.2347	1.2118	4.6156
-0.20	1.1876	1.1900	9.3842	7.5347	1.2455	1.2198	4.6105
0.0	1.3832	1.1789	9.1113	7.2585	1.2553	1.2277	4.6038
0.20	1.5789	1.1671	8.9802	7.1011	1.2646	1.2354	4.5951
0.40	1.7742	1.1547	8.9259	7.0307	1.2696	1.2385	4.5763
0.60	1.9695	1.1422	8.8925	6.9925	1.2717	1.2410	4.5561
0.80	2.1650	1.1305	8.8241	6.9391	1.2716	1.2438	4.5377
1.00	2.3613	1.1207	8.6772	6.8343	1.2697	1.2485	4.5265
1.20	2.5589	1.1146	8.4457	6.6670	1.2668	1.2572	4.5299
1.40	2.7589	1.1145	8.1441	6.4484	1.2630	1.2718	4.5560
1.60	2.9625	1.1239	7.7940	6.1956	1.2580	1.2959	4.6183
1.80	3.1719	1.1485	7.4176	5.9167	1.2537	1.3354	4.7390
2.00	3.3902	1.1979	7.0893	5.6754	1.2491	1.4030	4.9610
2.20	3.6222	1.2894	6.7419	5.4316	1.2412	1.4600	5.2483
2.40	3.8649	1.4228	6.3371	5.3100	1.1934	1.5701	5.7225
2.60	4.1537	1.7457	6.2993	5.3541	1.1765	1.8259	6.8325
2.80	4.4889	2.3832	6.3929	5.3605	1.1926	2.1534	8.6692
3.00	4.8738	3.6479	0.0	5.3639	0.0	0.0	0.0

T= 5700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3764	2.0132	0.0	14.3627	0.0	0.0	0.0
-6.80	-5.1774	2.0084	14.9029	12.2952	1.2121	0.0	0.0
-6.60	-4.9783	2.0045	13.2046	10.6938	1.2348	1.2284	6.0584
-6.40	-4.7790	2.0012	11.9135	9.4877	1.2557	1.2494	6.1049
-6.20	-4.5796	1.9983	10.9985	8.6484	1.2717	1.2680	6.1456
-6.00	-4.3802	1.9955	10.4833	8.1567	1.2852	1.2812	6.1732
-5.80	-4.1809	1.9926	10.3885	8.0480	1.2908	1.2859	6.1799
-5.60	-3.9816	1.9891	10.7986	8.3979	1.2859	1.2796	6.1593
-5.40	-3.7826	1.9845	11.8597	9.3382	1.2700	1.2620	6.1098
-5.20	-3.5840	1.9781	13.8075	11.0602	1.2484	1.2367	6.0384
-5.00	-3.3861	1.9688	16.9377	13.8317	1.2246	1.2087	5.9557
-4.80	-3.1890	1.9554	21.6024	17.9203	1.2055	1.1829	5.8717

T= 5700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.9933	1.9362	28.0248	23.4803	1.1935	1.1618	5.7904
-4.40	-2.7994	1.9094	36.1846	30.4473	1.1884	1.1461	5.7112
-4.20	-2.6076	1.8738	45.5334	38.2327	1.1910	1.1350	5.6303
-4.00	-2.4181	1.8288	54.8399	45.7900	1.1976	1.1276	5.5443
-3.80	-2.2309	1.7757	62.5432	51.8459	1.2063	1.1228	5.4515
-3.60	-2.0456	1.7167	67.2829	55.4580	1.2132	1.1199	5.3532
-3.40	-1.8615	1.6550	68.4371	56.2392	1.2169	1.1184	5.2526
-3.20	-1.6778	1.5939	66.2961	54.4609	1.2173	1.1179	5.1534
-3.00	-1.4939	1.5359	61.6471	50.7851	1.2139	1.1183	5.0598
-2.80	-1.3091	1.4829	55.5176	45.9572	1.2080	1.1195	4.9744
-2.60	-1.1232	1.4358	48.8271	40.6405	1.2014	1.1214	4.8991
-2.40	-0.9357	1.3949	42.2214	35.3412	1.1947	1.1242	4.8348
-2.20	-0.7467	1.3600	36.1077	30.3658	1.1891	1.1279	4.7817
-2.00	-0.5563	1.3304	30.6883	25.8994	1.1849	1.1326	4.7391
-1.80	-0.3645	1.3056	26.0333	22.0045	1.1831	1.1383	4.7065
-1.60	-0.1715	1.2847	22.1245	18.6959	1.1834	1.1452	4.6829
-1.40	0.0225	1.2671	18.8967	15.9280	1.1864	1.1532	4.6669
-1.20	0.2174	1.2521	16.2705	13.6585	1.1912	1.1624	4.6577
-1.00	0.4128	1.2390	14.1704	11.8245	1.1984	1.1727	4.6538
-0.80	0.6087	1.2273	12.5276	10.3711	1.2079	1.1837	4.6534
-0.60	0.8048	1.2164	11.2648	9.2482	1.2181	1.1950	4.6548
-0.40	1.0010	1.2057	10.3400	8.4105	1.2294	1.2062	4.6559
-0.20	1.1971	1.1950	9.6992	7.8174	1.2407	1.2152	4.6525
0.0	1.3928	1.1839	9.2978	7.4288	1.2516	1.2242	4.6478
0.20	1.5885	1.1724	9.1647	7.2848	1.2581	1.2300	4.6361
0.40	1.7840	1.1601	9.1244	7.2356	1.2611	1.2313	4.6143
0.60	1.9793	1.1477	9.1138	7.2213	1.2621	1.2325	4.5918
0.80	2.1748	1.1360	9.0692	7.1884	1.2616	1.2348	4.5725
1.00	2.3710	1.1261	8.9437	7.0971	1.2602	1.2394	4.5611
1.20	2.5686	1.1197	8.7241	6.9358	1.2578	1.2482	4.5642
1.40	2.7684	1.1192	8.4256	6.7143	1.2549	1.2631	4.5905
1.60	2.9718	1.1282	8.0732	6.4537	1.2510	1.2876	4.6531
1.80	3.1810	1.1522	7.6832	6.1631	1.2466	1.3270	4.7738
2.00	3.3990	1.2010	7.3360	5.9108	1.2411	1.3942	4.9963
2.20	3.6307	1.2918	6.9832	5.6548	1.2349	1.4429	5.2689
2.40	3.8723	1.4218	6.5543	5.5249	1.1863	1.5590	5.7481
2.60	4.1609	1.7434	6.5154	5.5674	1.1703	1.8135	6.8657
2.80	4.4957	2.3783	6.5986	5.5662	1.1855	2.1395	8.7090
3.00	4.8797	3.6328	0.0	5.5513	0.0	0.0	0.0

T= 5800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3674	2.0200	0.0	17.0334	0.0	0.0	0.0
-6.80	-5.1687	2.0139	17.2043	14.4131	1.1937	0.0	0.0
-6.60	-4.9697	2.0090	14.9788	12.3510	1.2128	1.2070	5.0643
-6.40	-4.7706	2.0049	13.2697	10.7568	1.2336	1.2279	6.1105
-6.20	-4.5714	2.0015	11.9852	9.5635	1.2532	1.2483	5.1557
-6.00	-4.3720	1.9984	11.1137	8.7414	1.2714	1.2661	5.1948
-5.80	-4.1727	1.9954	10.6292	8.2845	1.2830	1.2784	6.2201
-5.60	-3.9734	1.9922	10.5964	8.2247	1.2884	1.2817	6.2233
-5.40	-3.7742	1.9884	11.0913	8.6458	1.2829	1.2741	6.1989
-5.20	-3.5753	1.9833	12.2664	9.6930	1.2655	1.2561	6.1468
-5.00	-3.3769	1.9762	14.3815	11.5647	1.2436	1.2309	6.0740
-4.80	-3.1791	1.9660	17.7366	14.5242	1.2212	1.2039	5.9914

T= 5800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.9824	1.9512	22.6528	18.8205	1.2036	1.1794	5.9078
-4.40	-2.7871	1.9301	29.3296	24.5645	1.1940	1.1596	5.8265
-4.20	-2.5937	1.9011	37.6139	31.5664	1.1916	1.1452	5.7463
-4.00	-2.4025	1.8630	46.7772	39.1544	1.1947	1.1350	5.6632
-3.80	-2.2136	1.8158	55.5475	46.1879	1.2026	1.1283	5.5743
-3.60	-2.0270	1.7608	62.3596	51.5148	1.2105	1.1239	5.4788
-3.40	-1.8421	1.7008	66.0779	54.3067	1.2168	1.1214	5.3785
-3.20	-1.6582	1.6389	66.3148	54.3739	1.2196	1.1202	5.2768
-3.00	-1.4745	1.5783	63.5179	52.1108	1.2189	1.1199	5.1778
-2.80	-1.2904	1.5215	58.5401	48.1871	1.2148	1.1205	5.0850
-2.60	-1.1054	1.4699	52.3755	43.3365	1.2086	1.1219	5.0013
-2.40	-0.9191	1.4244	45.8507	38.1501	1.2019	1.1241	4.9281
-2.20	-0.7313	1.3850	39.5398	33.0727	1.1955	1.1272	4.8661
-2.00	-0.5419	1.3514	33.7720	28.3751	1.1902	1.1312	4.8153
-1.80	-0.3511	1.3231	28.7128	24.1908	1.1869	1.1362	4.7750
-1.60	-0.1590	1.2992	24.3828	20.5690	1.1854	1.1423	4.7443
-1.40	0.0342	1.2791	20.7739	17.5060	1.1867	1.1496	4.7225
-1.20	0.2283	1.2620	17.8105	14.9613	1.1904	1.1581	4.7082
-1.00	0.4233	1.2473	15.4127	12.8823	1.1964	1.1677	4.7000
-0.80	0.6187	1.2343	13.5093	11.2161	1.2045	1.1782	4.6964
-0.60	0.8145	1.2225	12.0260	9.9083	1.2137	1.1894	4.6960
-0.40	1.0105	1.2113	10.9100	8.9086	1.2247	1.2005	4.6963
-0.20	1.2065	1.2002	10.0991	8.1758	1.2352	1.2103	4.6937
0.0	1.4022	1.1889	9.5605	7.6682	1.2468	1.2197	4.6897
0.20	1.5980	1.1775	9.3916	7.5047	1.2514	1.2222	4.6720
0.40	1.7935	1.1654	9.3346	7.4499	1.2530	1.2220	4.6475
0.60	1.9889	1.1531	9.3268	7.4400	1.2536	1.2224	4.6236
0.80	2.1844	1.1414	9.2943	7.4157	1.2533	1.2241	4.6032
1.00	2.3806	1.1314	9.1855	7.3339	1.2525	1.2289	4.5921
1.20	2.5781	1.1248	8.9800	7.1799	1.2507	1.2378	4.5954
1.40	2.7778	1.1240	8.6897	6.9633	1.2479	1.2529	4.6215
1.60	2.9810	1.1325	8.3380	6.7008	1.2443	1.2774	4.6841
1.80	3.1900	1.1560	7.9355	6.4045	1.2390	1.3165	4.8042
2.00	3.4077	1.2042	7.5586	6.1406	1.2309	1.3830	5.0259
2.20	3.6391	1.2944	7.2299	5.8751	1.2306	1.4330	5.3014
2.40	3.8796	1.4209	6.8545	0.0	0.0	1.5444	5.7723
2.60	4.1678	1.7412	6.8174	0.0	0.0	1.8003	6.8955
2.80	4.5024	2.3736	6.8948	0.0	0.0	2.1234	8.7433
3.00	4.8955	3.6182	0.0	0.0	0.0	0.0	0.0

T= 5900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3581	2.0284	0.0	20.2399	0.0	0.0	0.0
-6.80	-5.1598	2.0206	19.9980	16.9696	1.1785	1.1693	6.0377
-6.60	-4.9611	2.0144	17.1777	14.3737	1.1951	1.1875	6.0751
-6.40	-4.7622	2.0094	14.9710	12.3384	1.2134	1.2075	6.1183
-6.20	-4.5631	2.0052	13.2912	10.7677	1.2344	1.2281	6.1638
-6.00	-4.3639	2.0016	12.0436	9.6036	1.2541	1.2479	6.2079
-5.80	-4.1646	1.9984	11.2051	8.8146	1.2712	1.2648	6.2448
-5.60	-3.9653	1.9952	10.7725	8.4012	1.2823	1.2756	6.2664
-5.40	-3.7661	1.9918	10.8091	8.4060	1.2859	1.2775	6.2657
-5.20	-3.5670	1.9875	11.4017	8.9229	1.2778	1.2688	6.2375
-5.00	-3.3682	1.9819	12.7396	10.1035	1.2609	1.2499	6.1822
-4.80	-3.1699	1.9740	15.0566	12.1568	1.2385	1.2249	6.1077

T= 5900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.9725	1.9626	18.6799	15.3392	1.2178	1.1988	6.0249
-4.40	-2.7761	1.9461	23.9049	19.8692	1.2031	1.1758	5.9417
-4.20	-2.5813	1.9229	30.8290	25.8088	1.1945	1.1575	5.8601
-4.00	-2.3885	1.8914	39.1765	32.8050	1.1942	1.1443	5.7785
-3.80	-2.1980	1.8507	48.0849	40.1093	1.1988	1.1351	5.6930
-3.60	-2.0098	1.8010	56.1984	46.5401	1.2075	1.1290	5.6010
-3.40	-1.8237	1.7443	61.9984	51.0393	1.2147	1.1252	5.5028
-3.20	-1.6391	1.6833	64.6402	52.9699	1.2203	1.1230	5.4005
-3.00	-1.4554	1.6215	63.9546	52.3300	1.2221	1.1220	5.2980
-2.80	-1.2717	1.5617	60.5307	49.6088	1.2202	1.1220	5.1995
-2.60	-1.0874	1.5062	55.2939	45.4809	1.2158	1.1229	5.1083
-2.40	-0.9020	1.4563	49.1413	40.6417	1.2091	1.1245	5.0265
-2.20	-0.7153	1.4124	42.8224	35.6202	1.2022	1.1270	4.9557
-2.00	-0.5271	1.3746	36.8339	30.7921	1.1962	1.1303	4.8962
-1.80	-0.3374	1.3425	31.4325	26.3770	1.1917	1.1347	4.8479
-1.60	-0.1463	1.3153	26.7278	22.4803	1.1889	1.1400	4.8099
-1.40	0.0461	1.2925	22.7465	19.1361	1.1887	1.1466	4.7815
-1.20	0.2396	1.2731	19.4352	16.3260	1.1904	1.1543	4.7615
-1.00	0.4339	1.2565	16.7395	14.0052	1.1952	1.1631	4.7485
-0.80	0.6289	1.2421	14.5655	12.1245	1.2013	1.1730	4.7411
-0.60	0.8243	1.2292	12.8600	10.6248	1.2104	1.1837	4.7379
-0.40	1.0200	1.2172	11.5485	9.4616	1.2206	1.1949	4.7369
-0.20	1.2159	1.2056	10.5677	8.5853	1.2309	1.2050	4.7343
0.0	1.4115	1.1940	9.8734	7.9541	1.2413	1.2137	4.7286
0.20	1.6072	1.1825	9.8256	7.9720	1.2325	1.2124	4.7032
0.40	1.8028	1.1704	9.9481	8.0931	1.2292	1.2109	4.6761
0.60	1.9982	1.1582	10.0870	8.2254	1.2263	1.2103	4.6506
0.80	2.1938	1.1466	10.1739	8.3078	1.2246	1.2118	4.6300
1.00	2.3900	1.1366	10.1356	8.2863	1.2232	1.2167	4.6191
1.20	2.5874	1.1298	9.9529	8.1378	1.2230	1.2259	4.6227
1.40	2.7870	1.1287	9.6645	7.9035	1.2228	1.2410	4.6488
1.60	2.9901	1.1368	9.3020	7.6152	1.2215	1.2655	4.7113
1.80	3.1988	1.1598	8.8917	7.2801	1.2214	1.3042	4.8307
2.00	3.4163	1.2075	8.5990	7.0226	1.2245	1.3701	5.0527
2.20	3.6474	1.2970	8.0338	6.7359	1.1927	1.4118	5.3125
2.40	3.8867	1.4200	7.1956	0.0	0.0	1.5286	5.7871
2.60	4.1747	1.7390	7.1617	0.0	0.0	1.7848	6.9209
2.80	4.5090	2.3691	7.2325	0.0	0.0	2.1048	8.7713
3.00	4.8912	3.6042	0.0	0.0	0.0	0.0	0.0

T= 6000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3486	2.0388	0.0	24.0877	0.0	0.0	0.0
-6.80	-5.1507	2.0290	23.3689	20.0544	1.1653	0.0	0.0
-6.60	-4.9524	2.0211	19.8606	16.8334	1.1798	1.1707	6.0929
-6.40	-4.7538	2.0148	17.0971	14.2842	1.1969	1.1890	6.1308
-6.20	-4.5549	2.0096	14.9301	12.2869	1.2151	1.2088	6.1736
-6.00	-4.3558	2.0053	13.2796	10.7556	1.2347	1.2290	6.2183
-5.80	-4.1566	2.0016	12.0691	9.6281	1.2535	1.2482	6.2609
-5.60	-3.9573	1.9982	11.2748	8.8866	1.2687	1.2640	6.2951
-5.40	-3.7581	1.9948	10.9085	8.5322	1.2785	1.2736	6.3138
-5.20	-3.5589	1.9911	11.0353	8.6196	1.2803	1.2739	6.3084
-5.00	-3.3599	1.9864	11.7653	9.2500	1.2719	1.2634	6.2750
-4.80	-3.1613	1.9801	13.2910	10.5868	1.2554	1.2437	6.2160

T= 6000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.9633	1.9712	15.8557	12.8501	1.2339	1.2188	6.1397
-4.40	-2.7661	1.9583	19.7853	16.2773	1.2155	1.1939	6.0566
-4.20	-2.5702	1.9399	25.3111	21.0520	1.2023	1.1723	5.9735
-4.00	-2.3760	1.9143	32.4776	27.1450	1.1964	1.1555	5.8913
-3.80	-2.1838	1.8799	40.8223	34.0833	1.1977	1.1435	5.8075
-3.60	-1.9940	1.8363	49.3487	40.9860	1.2040	1.1352	5.7191
-3.40	-1.8065	1.7842	56.6350	46.7127	1.2124	1.1298	5.6240
-3.20	-1.6210	1.7258	61.3722	50.3282	1.2194	1.1265	5.5229
-3.00	-1.4368	1.6642	62.8973	51.3981	1.2237	1.1247	5.4191
-2.80	-1.2531	1.6027	61.3298	50.0952	1.2243	1.1240	5.3164
-2.60	-1.0693	1.5440	57.3782	46.9718	1.2215	1.1243	5.2188
-2.40	-0.8848	1.4900	51.9414	42.7038	1.2163	1.1254	5.1293
-2.20	-0.6991	1.4419	45.8743	37.9250	1.2096	1.1273	5.0500
-2.00	-0.5119	1.3998	39.8165	33.0973	1.2030	1.1301	4.9821
-1.80	-0.3233	1.3638	34.1656	28.5390	1.1972	1.1338	4.9255
-1.60	-0.1331	1.3331	29.1467	24.4191	1.1936	1.1385	4.8800
-1.40	0.0583	1.3072	24.8102	20.8237	1.1914	1.1443	4.8446
-1.20	0.2510	1.2853	21.1616	17.7581	1.1917	1.1512	4.8183
-1.00	0.4447	1.2667	18.1520	15.1972	1.1944	1.1593	4.8001
-0.80	0.6391	1.2506	15.7133	13.0942	1.2000	1.1686	4.7885
-0.60	0.8342	1.2364	13.7711	11.4025	1.2077	1.1786	4.7816
-0.40	1.0296	1.2235	12.2521	10.0687	1.2168	1.1894	4.7784
-0.20	1.2252	1.2112	11.1098	9.0462	1.2281	1.2002	4.7759
0.0	1.4207	1.1993	10.2632	8.2874	1.2384	1.2136	4.7787
0.20	1.6163	1.1874	9.4968	7.5748	1.2537	1.2256	4.7784
0.40	1.8119	1.1753	8.9765	7.0816	1.2676	1.2374	4.7768
0.60	2.0074	1.1632	8.6213	6.7369	1.2797	1.2481	4.7726
0.80	2.2030	1.1516	8.3758	6.5096	1.2867	1.2575	4.7668
1.00	2.3993	1.1416	8.1827	6.3257	1.2936	1.2661	4.7623
1.20	2.5966	1.1348	7.9991	6.1762	1.2951	1.2753	4.7650
1.40	2.7961	1.1334	7.7621	6.0195	1.2895	1.2866	4.7833
1.60	2.9991	1.1412	7.4193	5.8308	1.2724	1.3013	4.8268
1.80	3.2076	1.1637	6.9802	5.6293	1.2400	1.3158	4.9015
2.00	3.4249	1.2108	6.2617	5.2727	1.1876	1.3222	5.0120
2.20	3.6556	1.2997	6.7776	5.0184	1.3506	1.4235	5.3855
2.40	3.8938	1.4191	7.3676	0.0	0.0	1.4989	5.7806
2.60	4.1815	1.7368	7.3451	0.0	0.0	1.7544	6.9148
2.80	4.5155	2.3647	7.4076	0.0	0.0	2.0767	8.7779
3.00	4.8969	3.5907	0.0	0.0	0.0	0.0	0.0

T= 6100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3387	2.0515	0.0	28.6272	0.0	0.0	0.0
-6.80	-5.1414	2.0391	27.3882	23.7110	1.1551	0.0	0.0
-6.60	-4.9435	2.0293	23.0726	19.7658	1.1673	1.1564	6.1182
-6.40	-4.7452	2.0213	19.6395	16.6235	1.1814	1.1729	6.1496
-6.20	-4.5466	2.0149	16.9392	14.1364	1.1983	1.1911	6.1872
-6.00	-4.3477	2.0097	14.8327	12.1923	1.2166	1.2106	6.2296
-5.80	-4.1486	2.0053	13.2342	10.7086	1.2359	1.2304	6.2736
-5.60	-3.9495	2.0015	12.0894	9.6371	1.2545	1.2489	6.3146
-5.40	-3.7502	1.9979	11.3667	8.9583	1.2688	1.2637	6.3462
-5.20	-3.5510	1.9943	11.0884	8.6824	1.2771	1.2715	6.3600
-5.00	-3.3519	1.9901	11.3243	8.8731	1.2762	1.2698	6.3490
-4.80	-3.1531	1.9849	12.2187	9.6482	1.2664	1.2575	6.3100

T= 6100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.9546	1.9778	13.9697	11.1824	1.2493	1.2368	6.2467
-4.40	-2.7569	1.9677	16.8322	13.6952	1.2291	1.2123	6.1685
-4.20	-2.5601	1.9531	21.1194	17.4181	1.2125	1.1886	6.0854
-4.00	-2.3647	1.9325	27.0114	22.4759	1.2018	1.1687	6.0022
-3.80	-2.1711	1.9041	34.3977	28.6970	1.1987	1.1535	5.9190
-3.60	-1.9798	1.8666	42.6699	35.5162	1.2014	1.1427	5.8329
-3.40	-1.7907	1.8200	50.6852	41.9402	1.2085	1.1353	5.7411
-3.20	-1.6039	1.7655	57.0389	46.8825	1.2166	1.1306	5.6427
-3.00	-1.4189	1.7056	60.6443	49.5764	1.2232	1.1278	5.5394
-2.80	-1.2350	1.6437	61.0745	49.7983	1.2264	1.1264	5.4345
-2.60	-1.0514	1.5828	58.6837	47.8712	1.2259	1.1260	5.3319
-2.40	-0.8674	1.5254	54.2595	44.3957	1.2222	1.1266	5.2357
-2.20	-0.6825	1.4732	48.6923	40.0281	1.2165	1.1280	5.1487
-2.00	-0.4964	1.4270	42.7480	35.3336	1.2098	1.1303	5.0725
-1.80	-0.3088	1.3869	36.9530	30.7087	1.2033	1.1334	5.0075
-1.60	-0.1196	1.3526	31.6516	26.4182	1.1981	1.1375	4.9541
-1.40	0.0709	1.3235	26.9978	22.5918	1.1950	1.1427	4.9115
-1.20	0.2627	1.2988	23.0176	19.2747	1.1942	1.1489	4.8789
-1.00	0.4557	1.2779	19.6945	16.4749	1.1954	1.1563	4.8550
-0.80	0.6495	1.2600	16.9661	14.1471	1.1993	1.1649	4.8386
-0.60	0.8441	1.2443	14.7728	12.2557	1.2054	1.1744	4.8281
-0.40	1.0392	1.2302	13.0372	10.7434	1.2135	1.1848	4.8220
-0.20	1.2346	1.2172	11.7110	9.5648	1.2244	1.1956	4.8183
0.0	1.4301	1.2048	10.6905	8.6725	1.2327	1.2090	4.8202
0.20	1.6257	1.1925	9.5713	7.6015	1.2591	1.2279	4.8331
0.40	1.8212	1.1803	8.7012	6.7877	1.2819	1.2481	4.8476
0.60	2.0167	1.1682	8.0775	6.1806	1.3069	1.2670	4.8590
0.80	2.2124	1.1566	7.6390	5.7662	1.3248	1.2831	4.8655
1.00	2.4086	1.1465	7.3679	5.5094	1.3373	1.2962	4.8688
1.20	2.6058	1.1393	7.1476	5.3421	1.3380	1.3073	4.8742
1.40	2.8050	1.1373	6.9242	5.1910	1.3339	1.3188	4.8913
1.60	3.0074	1.1434	6.6431	5.0242	1.3222	1.3328	4.9305
1.80	3.2146	1.1625	6.2425	4.8558	1.2856	1.3442	4.9927
2.00	3.4289	1.2014	5.5182	4.5192	1.2210	1.3446	5.0762
2.20	3.6531	1.2704	0.0	4.3066	0.0	0.0	0.0

T= 6200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3284	2.0669	0.0	33.8893	0.0	0.0	0.0
-6.80	-5.1317	2.0515	32.0964	27.9622	1.1478	0.0	0.0
-6.60	-4.9343	2.0392	26.8406	23.1818	1.1578	1.1444	6.1510
-6.40	-4.7364	2.0293	22.6472	19.3562	1.1700	1.1589	6.1749
-6.20	-4.5381	2.0213	19.3173	16.3112	1.1843	1.1754	6.2063
-6.00	-4.3395	2.0148	16.6996	13.9041	1.2011	1.1936	6.2442
-5.80	-4.1406	2.0096	14.6751	12.0355	1.2193	1.2130	6.2866
-5.60	-3.9416	2.0051	13.1476	10.6185	1.2382	1.2324	6.3296
-5.40	-3.7425	2.0012	12.0741	9.6156	1.2557	1.2500	6.3683
-5.20	-3.5433	1.9974	11.4352	9.0105	1.2691	1.2632	6.3960
-5.00	-3.3441	1.9935	11.2612	8.8281	1.2756	1.2690	6.4043
-4.80	-3.1451	1.9890	11.6345	9.1477	1.2719	1.2651	6.3871
-4.60	-2.9464	1.9831	12.7311	10.0958	1.2610	1.2511	6.3423
-4.40	-2.7482	1.9749	14.7370	11.8519	1.2434	1.2297	6.2749
-4.20	-2.5507	1.9634	17.9439	14.6524	1.2246	1.2057	6.1951
-4.00	-2.3544	1.9469	22.6147	18.6875	1.2102	1.1834	6.1116

T= 6200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-2.1596	1.9236	28.8723	24.0028	1.2029	1.1652	5.0282
-3.60	-1.9668	1.8921	36.4128	30.3221	1.2009	1.1515	5.9434
-3.40	-1.7763	1.8513	44.5120	36.8912	1.2066	1.1419	5.8545
-3.20	-1.5881	1.8017	51.8572	42.7100	1.2142	1.1356	5.7594
-3.00	-1.4020	1.7449	57.1803	46.7940	1.2220	1.1315	5.6579
-2.80	-1.2174	1.6839	59.5805	48.5511	1.2272	1.1292	5.5524
-2.60	-1.0337	1.6219	58.9590	47.9763	1.2289	1.1282	5.4467
-2.40	-0.8501	1.5620	55.8389	45.5050	1.2271	1.1281	5.3450
-2.20	-0.6658	1.5063	51.0563	41.7598	1.2226	1.1291	5.2510
-2.00	-0.4806	1.4561	45.4380	37.3607	1.2162	1.1308	5.1668
-1.80	-0.2939	1.4119	39.6774	32.7933	1.2099	1.1334	5.0938
-1.60	-0.1058	1.3738	34.1903	28.4006	1.2039	1.1370	5.0324
-1.40	0.0838	1.3413	29.2503	24.3853	1.1995	1.1415	4.9824
-1.20	0.2747	1.3137	24.9530	20.8500	1.1973	1.1471	4.9429
-1.00	0.4669	1.2902	21.3281	17.8161	1.1971	1.1539	4.9130
-0.80	0.6601	1.2702	18.3173	15.2707	1.1995	1.1617	4.8913
-0.60	0.8542	1.2529	15.8684	13.1762	1.2043	1.1708	4.8768
-0.40	1.0488	1.2376	13.9106	11.4841	1.2113	1.1808	4.8675
-0.20	1.2439	1.2236	12.3778	10.1465	1.2199	1.1915	4.8619
0.0	1.4392	1.2105	11.2218	9.1165	1.2309	1.2025	4.8580
0.20	1.6346	1.1979	10.4618	8.4494	1.2382	1.2132	4.8540
0.40	1.8301	1.1854	9.9413	7.9814	1.2456	1.2233	4.8488
0.60	2.0256	1.1732	9.6055	7.6759	1.2514	1.2324	4.8416
0.80	2.2213	1.1616	9.3413	7.4268	1.2578	1.2410	4.8343
1.00	2.4175	1.1514	9.1219	7.2442	1.2592	1.2500	4.8307
1.20	2.6147	1.1442	8.8986	7.0580	1.2608	1.2610	4.8366
1.40	2.8139	1.1419	8.6441	6.8524	1.2615	1.2762	4.8606
1.60	3.0161	1.1477	8.3527	6.6126	1.2632	1.2986	4.9157
1.80	3.2231	1.1664	8.0352	6.3645	1.2625	1.3324	5.0196
2.00	3.4372	1.2040	7.8031	6.1222	1.2746	1.3820	5.1957
2.20	3.6612	1.2734	0.0	5.8694	0.0	0.0	0.0

T= 6300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3176	2.0856	0.0	39.9563	0.0	0.0	0.0
-6.80	-5.1216	2.0665	37.6004	32.8809	1.1435	0.0	0.0
-6.60	-4.9248	2.0512	31.2536	27.1625	1.1506	1.1343	6.1911
-6.40	-4.7274	2.0389	26.1757	22.5519	1.1607	1.1471	6.2072
-6.20	-4.5295	2.0290	22.1218	18.8683	1.1724	1.1618	6.2317
-6.00	-4.3312	2.0211	18.9293	15.9360	1.1878	1.1784	6.2639
-5.80	-4.1326	2.0146	16.4124	13.6323	1.2039	1.1965	6.3020
-5.60	-3.9338	2.0093	14.4689	11.8422	1.2218	1.2158	6.3439
-5.40	-3.7347	2.0048	13.0298	10.5064	1.2402	1.2346	6.3856
-5.20	-3.5356	2.0007	12.0483	9.5866	1.2568	1.2512	6.4218
-5.00	-3.3365	1.9968	11.5061	9.0709	1.2685	1.2627	6.4450
-4.80	-3.1374	1.9925	11.4585	9.0033	1.2727	1.2663	6.4473
-4.60	-2.9385	1.9874	12.0115	9.4702	1.2683	1.2600	6.4230
-4.40	-2.7400	1.9807	13.3393	10.6164	1.2565	1.2443	6.3721
-4.20	-2.5420	1.9714	15.6439	12.6368	1.2380	1.2225	6.3013
-4.00	-2.3450	1.9581	19.2301	15.7448	1.2214	1.1993	6.2199
-3.80	-2.1492	1.9393	24.3027	20.1037	1.2089	1.1784	6.1358
-3.60	-1.9551	1.9131	30.8660	25.6333	1.2041	1.1619	6.0515
-3.40	-1.7631	1.8781	38.4720	31.9284	1.2049	1.1498	5.9645
-3.20	-1.5734	1.8339	46.1860	38.1234	1.2115	1.1415	5.8726

T= 6300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-1.3861	1.7813	52.6977	43.2067	1.2197	1.1360	5.7737
-2.80	-1.2006	1.7225	56.8488	46.3458	1.2266	1.1326	5.6692
-2.60	-1.0165	1.6607	58.0465	47.1629	1.2308	1.1308	5.5621
-2.40	-0.8329	1.5992	56.4454	45.8505	1.2311	1.1301	5.4564
-2.20	-0.6491	1.5405	52.7074	42.9214	1.2280	1.1304	5.3562
-2.00	-0.4646	1.4867	47.6830	38.9911	1.2229	1.1315	5.2646
-1.80	-0.2788	1.4386	42.1193	34.6245	1.2165	1.1337	5.1936
-1.60	-0.0917	1.3967	36.5958	30.2404	1.2102	1.1367	5.1142
-1.40	0.0969	1.3606	31.4625	26.1131	1.2049	1.1407	5.0555
-1.20	0.2870	1.3298	26.9041	22.3947	1.2014	1.1456	5.0098
-1.00	0.4784	1.3037	22.9856	19.1573	1.1998	1.1516	4.9734
-0.80	0.6709	1.2815	19.7044	16.4057	1.2011	1.1588	4.9461
-0.60	0.8644	1.2623	16.9995	14.1181	1.2041	1.1672	4.9267
-0.40	1.0585	1.2455	14.8264	12.2506	1.2103	1.1766	4.9136
-0.20	1.2533	1.2305	13.1010	10.7571	1.2179	1.1868	4.9050
0.0	1.4483	1.2166	11.7684	9.5891	1.2273	1.1976	4.8994
0.20	1.6436	1.2034	10.7509	8.6843	1.2380	1.2085	4.8948
0.40	1.8390	1.1906	10.0039	8.0138	1.2483	1.2189	4.8897
0.60	2.0344	1.1783	9.4764	7.5295	1.2586	1.2287	4.8837
0.80	2.2301	1.1666	9.0981	7.1849	1.2663	1.2382	4.8781
1.00	2.4263	1.1564	8.8137	6.9280	1.2722	1.2480	4.8759
1.20	2.6235	1.1489	8.5567	6.7130	1.2746	1.2595	4.8827
1.40	2.8226	1.1465	8.2942	6.5038	1.2753	1.2752	4.9077
1.60	3.0247	1.1521	8.0041	6.2850	1.2735	1.2980	4.9634
1.80	3.2315	1.1704	7.6785	6.0472	1.2698	1.3317	5.0672
2.00	3.4454	1.2084	7.3145	5.7890	1.2635	1.3812	5.2437
2.20	3.6692	1.2765	0.0	5.5326	0.0	0.0	0.0

T= 6400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3061	2.1079	0.0	46.8915	0.0	0.0	0.0
-6.80	-5.1110	2.0844	44.0641	38.5415	1.1433	0.0	0.0
-6.60	-4.9149	2.0655	36.3810	31.7414	1.1462	1.1260	6.2389
-6.40	-4.7181	2.0504	30.2913	26.2584	1.1536	1.1371	6.2466
-6.20	-4.5207	2.0382	25.4363	21.8458	1.1644	1.1502	6.2639
-6.00	-4.3228	2.0285	21.5394	18.3161	1.1760	1.1652	6.2894
-5.80	-4.1245	2.0206	18.4855	15.5117	1.1917	1.1820	6.3222
-5.60	-3.9259	2.0142	16.0850	13.3193	1.2076	1.2001	6.3604
-5.40	-3.7270	2.0088	14.2484	11.6271	1.2254	1.2190	6.4016
-5.20	-3.5280	2.0042	12.8988	10.3837	1.2422	1.2370	6.4416
-5.00	-3.3289	2.0001	12.0227	9.5537	1.2584	1.2524	6.4747
-4.80	-3.1298	1.9959	11.6073	9.1479	1.2688	1.2619	6.4924
-4.60	-2.9308	1.9912	11.7143	9.2180	1.2708	1.2629	6.4874
-4.40	-2.7321	1.9855	12.4637	9.8652	1.2634	1.2542	6.4557
-4.20	-2.5338	1.9778	14.0587	11.2488	1.2498	1.2369	6.3986
-4.00	-2.3361	1.9670	16.7322	13.5681	1.2332	1.2149	6.3241
-3.80	-2.1395	1.9517	20.7342	17.0250	1.2179	1.1926	6.2415
-3.60	-1.9444	1.9301	26.2312	21.7052	1.2085	1.1736	6.1571
-3.40	-1.7511	1.9005	33.0676	27.4120	1.2063	1.1589	6.0714
-3.20	-1.5600	1.8619	40.6190	33.5724	1.2099	1.1483	5.9817
-3.00	-1.3713	1.8142	47.7890	39.2811	1.2166	1.1410	5.8859
-2.80	-1.1848	1.7587	53.3084	43.5373	1.2244	1.1364	5.7836
-2.60	-0.9999	1.6984	56.2473	45.6936	1.2310	1.1337	5.6765
-2.40	-0.8161	1.6363	56.2900	45.6335	1.2335	1.1323	5.5684

T= 6400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.6325	1.5755	53.8212	43.6673	1.2325	1.1320	5.4633
-2.00	-0.4485	1.5185	49.5935	40.3684	1.2285	1.1327	5.3652
-1.80	-0.2636	1.4668	44.4211	36.3286	1.2228	1.1343	5.2769
-1.60	-0.0773	1.4211	38.9733	32.0429	1.2163	1.1368	5.1996
-1.40	0.1103	1.3814	33.7221	27.8581	1.2105	1.1401	5.1340
-1.20	0.2995	1.3473	28.9373	23.9976	1.2058	1.1445	5.0801
-1.00	0.4901	1.3183	24.7502	20.5725	1.2031	1.1500	5.0372
-0.80	0.6818	1.2936	21.1917	17.6208	1.2027	1.1566	5.0040
-0.60	0.8747	1.2725	18.2335	15.1324	1.2049	1.1643	4.9794
-0.40	1.0684	1.2541	15.8218	13.0817	1.2095	1.1731	4.9620
-0.20	1.2627	1.2378	13.8935	11.4235	1.2162	1.1829	4.9503
0.0	1.4575	1.2230	12.3814	10.1098	1.2247	1.1935	4.9425
0.20	1.6525	1.2092	11.2286	9.0955	1.2345	1.2043	4.9366
0.40	1.8478	1.1960	10.3710	8.3324	1.2447	1.2150	4.9314
0.60	2.0431	1.1833	9.7470	7.7727	1.2540	1.2254	4.9263
0.80	2.2388	1.1715	9.3000	7.3684	1.2621	1.2357	4.9222
1.00	2.4349	1.1612	8.9631	7.0660	1.2685	1.2462	4.9212
1.20	2.6321	1.1537	8.6816	6.8214	1.2727	1.2584	4.9292
1.40	2.8311	1.1510	8.3993	6.5968	1.2732	1.2746	4.9550
1.60	3.0331	1.1564	8.1048	6.3693	1.2725	1.2976	5.0112
1.80	3.2398	1.1743	7.7820	6.1290	1.2697	1.3314	5.1154
2.00	3.4535	1.2119	7.4452	5.8774	1.2668	1.3810	5.2925
2.20	3.6771	1.2796	0.0	5.6209	0.0	0.0	0.0

T= 6500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2940	2.1343	0.0	54.7333	0.0	0.0	0.0
-6.80	-5.0998	2.1057	51.3330	44.9790	1.1413	1.1112	6.3066
-6.60	-4.9046	2.0827	42.3261	36.9833	1.1445	1.1193	6.2946
-6.40	-4.7085	2.0641	35.0535	30.5061	1.1491	1.1290	6.2936
-6.20	-4.5116	2.0492	29.2361	25.2777	1.1566	1.1404	6.3027
-6.00	-4.3142	2.0373	24.5884	21.0723	1.1669	1.1538	6.3210
-5.80	-4.1162	2.0277	20.9022	17.7126	1.1801	1.1691	6.3476
-5.60	-3.9179	2.0199	17.9865	15.0567	1.1946	1.1861	6.3813
-5.40	-3.7193	2.0136	15.7235	12.9771	1.2116	1.2041	6.4197
-5.20	-3.5204	2.0082	14.0062	11.3946	1.2292	1.2225	6.4598
-5.00	-3.3214	2.0036	12.7750	10.2547	1.2458	1.2397	6.4975
-4.80	-3.1224	1.9992	12.0183	9.5389	1.2599	1.2534	6.5264
-4.60	-2.9233	1.9947	11.7439	9.2642	1.2677	1.2607	6.5380
-4.40	-2.7245	1.9896	12.0313	9.4989	1.2666	1.2590	6.5251
-4.20	-2.5259	1.9831	13.0493	10.3629	1.2592	1.2476	6.4849
-4.00	-2.3278	1.9742	14.9548	12.0283	1.2433	1.2291	6.4221
-3.80	-2.1306	1.9617	18.0486	14.7034	1.2275	1.2073	6.3446
-3.60	-1.9345	1.9439	22.5265	18.5381	1.2151	1.1863	6.2607
-3.40	-1.7401	1.9192	28.4502	23.5366	1.2088	1.1691	6.1755
-3.20	-1.5477	1.8860	35.4930	29.3596	1.2089	1.1561	6.0877
-3.00	-1.3576	1.8435	42.8514	35.2903	1.2143	1.1469	5.9948
-2.80	-1.1698	1.7923	49.3013	40.3616	1.2215	1.1408	5.8952
-2.60	-0.9841	1.7344	53.7288	43.7073	1.2293	1.1370	5.7896
-2.40	-0.7998	1.6729	55.4169	44.8993	1.2343	1.1348	5.6804
-2.20	-0.6161	1.6109	54.3717	44.0102	1.2354	1.1339	5.5721
-2.00	-0.4325	1.5514	51.1540	41.4880	1.2330	1.1341	5.4686
-1.80	-0.2482	1.4964	46.5584	37.9024	1.2284	1.1351	5.3733
-1.60	-0.0627	1.4470	41.3277	33.8140	1.2222	1.1371	5.2886

T= 6500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.1240	1.4037	36.0455	29.6463	1.2158	1.1400	5.2154
-1.20	0.3123	1.3663	31.0797	25.6771	1.2104	1.1439	5.1541
-1.00	0.5020	1.3342	26.6436	22.0794	1.2067	1.1488	5.1042
-0.80	0.6930	1.3069	22.8125	18.9300	1.2051	1.1548	5.0648
-0.60	0.8852	1.2836	19.5894	16.2456	1.2058	1.1619	5.0348
-0.40	1.0783	1.2634	16.9336	14.0063	1.2090	1.1702	5.0129
-0.20	1.2722	1.2457	14.7894	12.1760	1.2146	1.1796	4.9977
0.0	1.4666	1.2298	13.0899	10.7097	1.2223	1.1899	4.9873
0.20	1.6614	1.2152	11.7741	9.5615	1.2314	1.2007	4.9801
0.40	1.8565	1.2015	10.7788	8.6835	1.2413	1.2118	4.9747
0.60	2.0518	1.1885	10.0456	8.0292	1.2511	1.2228	4.9702
0.80	2.2474	1.1765	9.5074	7.5472	1.2597	1.2337	4.9670
1.00	2.4435	1.1661	9.1052	7.1884	1.2666	1.2451	4.9678
1.20	2.6406	1.1584	8.7780	6.9044	1.2714	1.2582	4.9774
1.40	2.8396	1.1556	8.4757	6.6554	1.2735	1.2749	5.0041
1.60	3.0415	1.1606	8.1632	6.4145	1.2726	1.2983	5.0609
1.80	3.2480	1.1783	7.8377	6.1673	1.2709	1.3325	5.1659
2.00	3.4615	1.2155	7.4967	5.9111	1.2682	1.3822	5.3438
2.20	3.6849	1.2827	0.0	5.6516	0.0	0.0	0.0

T= 6600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2911	2.1654	0.0	63.4536	0.0	0.0	0.0
-6.80	-5.0380	2.1308	59.6671	52.2000	1.1430	1.1070	6.3804
-6.60	-4.8938	2.1029	49.0909	42.9165	1.1439	1.1139	6.3582
-6.40	-4.6985	2.0804	40.5077	35.3414	1.1462	1.1223	6.3480
-6.20	-4.5022	2.0623	33.6225	29.1952	1.1516	1.1324	6.3485
-6.00	-4.3053	2.0478	28.1015	24.2247	1.1600	1.1441	6.3588
-5.80	-4.1078	2.0361	23.6875	20.2430	1.1702	1.1577	6.3783
-5.60	-3.9098	2.0257	20.2083	17.0683	1.1840	1.1733	6.4062
-5.40	-3.7114	2.0191	17.4623	14.5611	1.1992	1.1904	6.4407
-5.20	-3.5128	2.0128	15.3417	12.6164	1.2160	1.2084	6.4791
-5.00	-3.3140	2.0074	13.7561	11.1565	1.2330	1.2265	6.5186
-4.80	-3.1150	2.0027	12.6463	10.1297	1.2484	1.2426	6.5535
-4.60	-2.9160	1.9981	12.0172	9.5366	1.2601	1.2543	6.5769
-4.40	-2.7170	1.9933	11.9339	9.4091	1.2683	1.2590	6.5812
-4.20	-2.5183	1.9875	12.4190	9.8299	1.2634	1.2545	6.5600
-4.00	-2.3199	1.9800	13.7111	10.9378	1.2536	1.2410	6.5122
-3.80	-2.1222	1.9697	15.9826	12.9108	1.2379	1.2214	6.4437
-3.60	-1.9254	1.9551	19.5005	15.9374	1.2236	1.2001	6.3634
-3.40	-1.7300	1.9345	24.4396	20.1272	1.2143	1.1807	6.2787
-3.20	-1.5364	1.9063	30.6937	25.3501	1.2108	1.1653	6.1917
-3.00	-1.3450	1.8691	37.7666	31.1239	1.2134	1.1540	6.1012
-2.80	-1.1559	1.8227	44.6517	36.6079	1.2197	1.1462	6.0046
-2.60	-0.9690	1.7683	50.1965	40.8743	1.2281	1.1410	5.9010
-2.40	-0.7840	1.7084	53.3717	43.2358	1.2344	1.1379	5.7924
-2.20	-0.6001	1.6462	53.8350	43.4877	1.2379	1.1363	5.6821
-2.00	-0.4166	1.5850	51.8202	41.8764	1.2375	1.1359	5.5743
-1.80	-0.2327	1.5271	48.0155	38.9207	1.2337	1.1365	5.4730
-1.60	-0.0480	1.4743	43.2091	35.1803	1.2282	1.1380	5.3810
-1.40	0.1379	1.4274	38.0536	31.1362	1.2222	1.1403	5.3003
-1.20	0.3253	1.3865	33.0248	27.1543	1.2162	1.1437	5.2315
-1.00	0.5142	1.3513	28.4182	23.4548	1.2116	1.1480	5.1745
-0.80	0.7044	1.3213	24.3627	20.1549	1.2088	1.1534	5.1286

T= 6600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	0.8959	1.2956	20.9063	17.3027	1.2083	1.1600	5.0929
-0.40	1.0884	1.2735	18.0204	14.8961	1.2097	1.1677	5.0661
-0.20	1.2818	1.2542	15.6752	12.9082	1.2144	1.1766	5.0467
0.0	1.4758	1.2371	13.7947	11.2990	1.2209	1.1865	5.0332
0.20	1.6703	1.2216	12.3209	10.0232	1.2292	1.1971	5.0238
0.40	1.8652	1.2072	11.1932	9.0355	1.2388	1.2082	5.0174
0.60	2.0604	1.1939	10.3483	8.2864	1.2488	1.2196	5.0130
0.80	2.2559	1.1816	9.7186	7.7271	1.2577	1.2310	5.0104
1.00	2.4519	1.1709	9.2489	7.3091	1.2654	1.2432	5.0124
1.20	2.6490	1.1631	8.8693	6.9827	1.2702	1.2568	5.0229
1.40	2.8479	1.1601	8.5394	6.7066	1.2731	1.2743	5.0511
1.60	3.0497	1.1649	8.2145	6.4496	1.2736	1.2982	5.1089
1.80	3.2561	1.1823	7.8794	6.1938	1.2722	1.3327	5.2147
2.00	3.4694	1.2191	7.5347	5.9333	1.2699	1.3825	5.3933
2.20	3.6926	1.2858	0.0	5.6711	0.0	0.0	0.0

T= 6700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2673	2.2016	0.0	73.0521	0.0	0.0	0.0
-6.80	-5.0756	2.1602	69.0385	60.2238	1.1464	1.1036	6.4628
-6.60	-4.8824	2.1266	56.7247	49.5531	1.1447	1.1095	6.4296
-6.40	-4.6879	2.0995	46.7078	40.7753	1.1455	1.1168	6.4094
-6.20	-4.4925	2.0777	38.6231	33.6162	1.1489	1.1255	6.4008
-6.00	-4.2962	2.0601	32.1160	27.8081	1.1549	1.1359	6.4032
-5.80	-4.0992	2.0460	26.9133	23.1309	1.1635	1.1481	6.4152
-5.60	-3.9016	2.0346	22.7800	19.3806	1.1754	1.1621	6.4364
-5.40	-3.7035	2.0255	19.4806	16.4010	1.1878	1.1779	6.4652
-5.20	-3.5051	2.0180	16.9161	14.0540	1.2036	1.1951	6.5004
-5.00	-3.3065	2.0118	14.9617	12.2493	1.2214	1.2131	6.5390
-4.80	-3.1076	2.0065	13.5013	10.9140	1.2371	1.2303	6.5766
-4.60	-2.9087	2.0016	12.5410	10.0241	1.2511	1.2450	6.6077
-4.40	-2.7097	1.9968	12.0782	9.5737	1.2616	1.2547	6.6253
-4.20	-2.5109	1.9915	12.1727	9.6200	1.2654	1.2564	6.6211
-4.00	-2.3123	1.9849	12.9334	10.2636	1.2601	1.2489	6.5904
-3.80	-2.1142	1.9762	14.5367	11.6581	1.2469	1.2333	6.5348
-3.60	-1.9169	1.9641	17.2443	13.9806	1.2334	1.2134	6.4618
-3.40	-1.7207	1.9470	21.2485	17.4027	1.2210	1.1931	6.3795
-3.20	-1.5261	1.9231	26.6204	21.9405	1.2133	1.1754	6.2932
-3.00	-1.3334	1.8910	33.1472	27.3279	1.2129	1.1618	6.2041
-2.80	-1.1430	1.8496	40.0938	32.9228	1.2178	1.1521	6.1101
-2.60	-0.9550	1.7993	46.3426	37.8183	1.2254	1.1455	6.0093
-2.40	-0.7690	1.7421	50.7944	41.1899	1.2332	1.1413	5.9020
-2.20	-0.5846	1.6807	52.7297	42.5717	1.2386	1.1389	5.7911
-2.00	-0.4009	1.6185	52.0377	41.9575	1.2402	1.1378	5.6802
-1.80	-0.2174	1.5585	49.1994	39.7343	1.2382	1.1378	5.5739
-1.60	-0.0332	1.5027	44.9655	36.4476	1.2337	1.1388	5.4756
-1.40	0.1520	1.4523	40.0536	32.6293	1.2275	1.1407	5.3876
-1.20	0.3385	1.4080	35.0371	28.6856	1.2214	1.1435	5.3113
-1.00	0.5265	1.3696	30.2953	24.9123	1.2161	1.1473	5.2471
-0.80	0.7159	1.3367	26.0347	21.4739	1.2124	1.1522	5.1945
-0.60	0.9067	1.3084	22.3417	18.4535	1.2107	1.1581	5.1526
-0.40	1.0986	1.2842	19.2280	15.8711	1.2115	1.1653	5.1204
-0.20	1.2914	1.2633	16.6635	13.7173	1.2148	1.1735	5.0964
0.0	1.4850	1.2448	14.5872	11.9568	1.2200	1.1828	5.0790

T= 6700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.6792	1.2283	12.9430	10.5444	1.2275	1.1931	5.0672
0.40	1.8739	1.2132	11.6681	9.4384	1.2362	1.2041	5.0592
0.60	2.0689	1.1993	10.6980	8.5874	1.2458	1.2155	5.0539
0.80	2.2643	1.1867	9.9719	7.9470	1.2548	1.2275	5.0519
1.00	2.4603	1.1758	9.4241	7.4632	1.2628	1.2401	5.0544
1.20	2.6573	1.1678	8.9972	7.0903	1.2689	1.2543	5.0660
1.40	2.8561	1.1646	8.6304	6.7826	1.2724	1.2721	5.0948
1.60	3.0578	1.1692	8.2884	6.5067	1.2738	1.2965	5.1535
1.80	3.2641	1.1863	7.9433	6.2417	1.2726	1.3312	5.2599
2.00	3.4772	1.2227	7.5919	5.9776	1.2701	1.3809	5.4389
2.20	3.7002	1.2890	0.0	5.7132	0.0	0.0	0.0

T= 6800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2527	2.2434	0.0	83.4968	0.0	0.0	0.0
-6.80	-5.0623	2.1943	79.5044	69.0458	1.1515	1.1010	6.5544
-6.60	-4.8703	2.1543	65.3246	56.9043	1.1480	1.1061	6.5094
-6.40	-4.6769	2.1219	53.7267	46.8519	1.1467	1.1124	6.4785
-6.20	-4.4823	2.0957	44.2947	38.5922	1.1478	1.1200	6.4603
-6.00	-4.2867	2.0746	36.6915	31.8538	1.1519	1.1290	6.4537
-5.80	-4.0903	2.0576	30.5883	26.4066	1.1584	1.1399	6.4581
-5.60	-3.8932	2.0440	25.7049	22.0176	1.1675	1.1525	6.4722
-5.40	-3.6955	2.0330	21.8273	18.5053	1.1795	1.1668	6.4947
-5.20	-3.4974	2.0241	18.7636	15.7200	1.1936	1.1829	6.5251
-5.00	-3.2990	2.0168	16.3724	13.5421	1.2090	1.2001	6.5605
-4.80	-3.1003	2.0107	14.5742	11.8884	1.2259	1.2176	6.5982
-4.60	-2.9014	2.0053	13.2849	10.6955	1.2421	1.2343	6.6342
-4.40	-2.7025	2.0003	12.4786	9.9455	1.2547	1.2473	6.6638
-4.20	-2.5037	1.9952	12.1936	9.6629	1.2619	1.2543	6.6709
-4.00	-2.3049	1.9892	12.5071	9.9103	1.2620	1.2528	6.6570
-3.80	-2.1066	1.9817	13.5672	10.8134	1.2547	1.2425	6.6168
-3.60	-1.9088	1.9715	15.5618	12.5330	1.2417	1.2253	6.5540
-3.40	-1.7120	1.9572	18.7366	15.2504	1.2286	1.2053	6.4767
-3.20	-1.5165	1.9372	23.2351	19.0634	1.2188	1.1864	6.3927
-3.00	-1.3227	1.9096	29.0432	23.9018	1.2151	1.1707	6.3049
-2.80	-1.1310	1.8732	35.6754	29.3137	1.2170	1.1589	6.2130
-2.60	-0.9418	1.8276	42.2692	34.5463	1.2236	1.1506	6.1148
-2.40	-0.7547	1.7738	47.6575	38.7069	1.2312	1.1451	6.0099
-2.20	-0.5696	1.7142	50.8823	41.1087	1.2378	1.1418	5.8994
-2.00	-0.3856	1.6520	51.5361	41.5091	1.2416	1.1400	5.7869
-1.80	-0.2021	1.5904	49.8205	40.1208	1.2418	1.1395	5.6768
-1.60	-0.0184	1.5320	46.3233	37.4069	1.2384	1.1400	5.5728
-1.40	0.1662	1.4785	41.8060	33.9036	1.2331	1.1414	5.4780
-1.20	0.3519	1.4308	36.9148	30.0886	1.2269	1.1438	5.3945
-1.00	0.5391	1.3892	32.1132	26.2957	1.2212	1.1471	5.3231
-0.80	0.7277	1.3532	27.6903	22.7603	1.2166	1.1514	5.2636
-0.60	0.9177	1.3223	23.7933	19.5991	1.2140	1.1568	5.2154
-0.40	1.1089	1.2959	20.4607	16.8633	1.2133	1.1634	5.1778
-0.20	1.3012	1.2731	17.6823	14.5522	1.2151	1.1712	5.1490
0.0	1.4944	1.2531	15.4206	12.6413	1.2199	1.1800	5.1277
0.20	1.6882	1.2355	13.6087	11.0962	1.2264	1.1900	5.1130
0.40	1.8825	1.2195	12.1837	9.8706	1.2343	1.2009	5.1031
0.60	2.0773	1.2050	11.0891	8.9185	1.2434	1.2125	5.0970
0.80	2.2726	1.1919	10.2607	8.1914	1.2526	1.2246	5.0947

T= 6800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.4685	1.1808	9.6300	7.6402	1.2604	1.2376	5.0976
1.20	2.6655	1.1726	9.1446	7.2148	1.2675	1.2525	5.1103
1.40	2.8642	1.1691	8.7381	6.8713	1.2717	1.2711	5.1405
1.60	3.0658	1.1735	8.3670	6.5717	1.2732	1.2957	5.1996
1.80	3.2720	1.1902	8.0081	6.2916	1.2728	1.3307	5.3070
2.00	3.4850	1.2263	7.6518	6.0184	1.2714	1.3809	5.4874
2.20	3.7077	1.2922	0.0	5.7480	0.0	0.0	0.0

T= 6900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2372	2.2913	0.0	94.6559	0.0	0.0	0.0
-6.80	-5.0483	2.2336	91.0253	78.6025	1.1580	1.0991	5.6555
-6.60	-4.8576	2.1863	74.8918	64.9892	1.1524	1.1035	6.5978
-6.40	-4.6653	2.1478	61.5674	53.5813	1.1490	1.1089	6.5553
-6.20	-4.4717	2.1166	50.6950	44.1339	1.1487	1.1154	6.5268
-6.00	-4.2769	2.0914	41.8732	36.3878	1.1507	1.1234	6.5110
-5.80	-4.0811	2.0711	34.7493	30.0895	1.1549	1.1329	6.5068
-5.60	-3.8845	2.0548	29.0369	24.9919	1.1619	1.1442	6.5131
-5.40	-3.6873	2.0417	24.4869	20.8962	1.1718	1.1571	6.5290
-5.20	-3.4896	2.0311	20.8694	17.6273	1.1839	1.1720	6.5538
-5.00	-3.2914	2.0225	18.0346	15.0464	1.1986	1.1883	6.5852
-4.80	-3.0929	2.0154	15.8337	13.0394	1.2143	1.2055	6.6211
-4.60	-2.8942	2.0094	14.2020	11.5418	1.2305	1.2227	6.6581
-4.40	-2.6954	2.0040	13.0692	10.4984	1.2449	1.2379	6.6905
-4.20	-2.4965	1.9988	12.4485	9.9093	1.2562	1.2491	6.7118
-4.00	-2.2978	1.9931	12.3862	9.8114	1.2624	1.2532	6.7133
-3.80	-2.0992	1.9864	12.9663	10.2918	1.2599	1.2483	6.6890
-3.60	-1.9011	1.9777	14.3607	11.4901	1.2498	1.2354	6.6396
-3.40	-1.7038	1.9657	16.7917	13.5737	1.2371	1.2171	6.5701
-3.20	-1.5075	1.9488	20.4594	16.6973	1.2253	1.1977	6.4895
-3.00	-1.3128	1.9253	25.4486	20.8879	1.2183	1.1803	6.4033
-2.80	-1.1200	1.8936	31.5525	25.9205	1.2173	1.1665	6.3131
-2.60	-0.9295	1.8527	38.1123	31.2005	1.2215	1.1565	6.2178
-2.40	-0.7413	1.8029	44.1128	35.8887	1.2292	1.1497	6.1155
-2.20	-0.5553	1.7459	48.4504	39.1713	1.2369	1.1453	6.0065
-2.00	-0.3708	1.6846	50.4109	40.5854	1.2421	1.1427	5.8936
-1.80	-0.1872	1.6223	49.9021	40.0986	1.2445	1.1415	5.7804
-1.60	-0.0036	1.5619	47.3100	38.0620	1.2430	1.1415	5.6717
-1.40	0.1804	1.5056	43.3370	34.9891	1.2386	1.1424	5.5709
-1.20	0.3655	1.4547	38.6783	31.3831	1.2325	1.1443	5.4805
-1.00	0.5518	1.4098	33.8988	27.6470	1.2261	1.1471	5.4019
-0.80	0.7397	1.3707	29.3678	24.0496	1.2211	1.1510	5.3355
-0.60	0.9289	1.3371	25.2861	20.7746	1.2172	1.1559	5.2808
-0.40	1.1194	1.3083	21.7526	17.8886	1.2160	1.1619	5.2373
-0.20	1.3111	1.2835	18.7724	15.4224	1.2172	1.1691	5.2034
0.0	1.5037	1.2620	16.3083	13.3654	1.2202	1.1775	5.1781
0.20	1.6972	1.2430	14.3153	11.6852	1.2251	1.1871	5.1600
0.40	1.8912	1.2261	12.7463	10.3370	1.2331	1.1978	5.1477
0.60	2.0858	1.2109	11.5202	9.2796	1.2415	1.2094	5.1403
0.80	2.2809	1.1973	10.5836	8.4629	1.2506	1.2217	5.1374
1.00	2.4767	1.1858	9.8691	7.8397	1.2589	1.2351	5.1407
1.20	2.6736	1.1773	9.3132	7.3585	1.2656	1.2506	5.1543
1.40	2.8722	1.1737	8.8603	6.9742	1.2704	1.2695	5.1851
1.60	3.0738	1.1778	8.4602	6.6478	1.2726	1.2948	5.2455

T= 6900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.2798	1.1942	8.0821	6.3507	1.2726	1.3300	5.3533
2.00	3.4926	1.2300	7.7131	6.0670	1.2713	1.3804	5.5349
2.20	3.7151	1.2955	0.0	5.7905	0.0	0.0	0.0

T= 7000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2208	2.3455	0.0	105.2835	0.0	0.0	0.0
-6.80	-5.0334	2.2784	103.4827	88.8155	1.1651	1.0976	5.7659
-6.60	-4.8441	2.2230	85.3715	73.7118	1.1582	1.1014	5.6946
-6.40	-4.6531	2.1776	70.2510	60.9254	1.1531	1.1061	6.6401
-6.20	-4.4605	2.1408	57.7820	50.2256	1.1504	1.1118	6.6005
-6.00	-4.2666	2.1109	47.6332	41.4101	1.1503	1.1187	6.5747
-5.80	-4.0716	2.0868	39.4304	34.1795	1.1536	1.1271	6.5617
-5.60	-3.8756	2.0674	32.7852	28.3155	1.1579	1.1371	6.5600
-5.40	-3.6789	2.0518	27.4995	23.5774	1.1664	1.1489	6.5688
-5.20	-3.4816	2.0393	23.2667	19.7740	1.1766	1.1624	6.5871
-5.00	-3.2837	2.0291	19.9137	16.7534	1.1886	1.1776	6.6135
-4.80	-3.0855	2.0208	17.2937	14.3777	1.2028	1.1941	6.6461
-4.60	-2.8870	2.0139	15.3047	12.5555	1.2190	1.2111	6.6820
-4.40	-2.6883	2.0079	13.8477	11.2194	1.2343	1.2277	6.7174
-4.20	-2.4895	2.0024	12.9091	10.3374	1.2488	1.2414	6.7454
-4.00	-2.2907	1.9969	12.4885	9.9323	1.2574	1.2500	6.7594
-3.80	-2.0920	1.9907	12.6644	10.0523	1.2598	1.2508	6.7511
-3.60	-1.8937	1.9830	13.5608	10.8040	1.2552	1.2428	6.7166
-3.40	-1.6960	1.9727	15.3661	12.3447	1.2447	1.2277	6.6583
-3.20	-1.4991	1.9584	18.2668	14.8343	1.2314	1.2090	6.5835
-3.00	-1.3036	1.9385	22.4684	18.3754	1.2227	1.1906	6.4998
-2.80	-1.1098	1.9111	27.9165	22.8959	1.2193	1.1750	6.4112
-2.60	-0.9181	1.8749	34.1957	27.9870	1.2218	1.1631	6.3180
-2.40	-0.7287	1.8295	40.4488	32.9529	1.2275	1.1547	6.2185
-2.20	-0.5416	1.7758	45.6003	36.9268	1.2349	1.1491	6.1116
-2.00	-0.3565	1.7163	48.7395	39.2442	1.2420	1.1456	5.9992
-1.80	-0.1725	1.6540	49.4198	39.6772	1.2455	1.1437	5.8845
-1.60	0.0109	1.5922	47.8446	38.3972	1.2460	1.1431	5.7720
-1.40	0.1946	1.5335	44.5542	35.8537	1.2427	1.1437	5.6659
-1.20	0.3791	1.4796	40.2659	32.5421	1.2373	1.1451	5.5690
-1.00	0.5648	1.4316	35.6110	28.9147	1.2316	1.1475	5.4836
-0.80	0.7518	1.3894	31.0302	25.3126	1.2259	1.1509	5.4103
-0.60	0.9402	1.3530	26.8078	21.9416	1.2218	1.1553	5.3490
-0.40	1.1301	1.3217	23.0775	18.9342	1.2188	1.1608	5.2993
-0.20	1.3211	1.2947	19.8933	16.3271	1.2184	1.1675	5.2601
0.0	1.5132	1.2714	17.2433	14.1248	1.2208	1.1755	5.2304
0.20	1.7062	1.2511	15.0773	12.3066	1.2251	1.1846	5.2085
0.40	1.8999	1.2331	13.3485	10.8369	1.2318	1.1949	5.1933
0.60	2.0943	1.2170	11.9843	9.6714	1.2391	1.2063	5.1840
0.80	2.2892	1.2029	10.9380	8.7618	1.2484	1.2189	5.1806
1.00	2.4848	1.1910	10.1334	8.0598	1.2573	1.2329	5.1843
1.20	2.6816	1.1822	9.5032	7.5181	1.2640	1.2487	5.1982
1.40	2.8802	1.1782	8.9973	7.0884	1.2693	1.2682	5.2298
1.60	3.0816	1.1821	8.5645	6.7304	1.2725	1.2938	5.2910
1.80	3.2875	1.1983	8.1640	6.4119	1.2733	1.3295	5.4000
2.00	3.5001	1.2337	7.7746	6.1142	1.2716	1.3800	5.5824
2.20	3.7225	1.2988	0.0	5.8283	0.0	0.0	0.0

T= 7100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2035	2.4064	0.0	118.2663	0.0	0.0	0.0
-6.80	-5.0177	2.3290	117.1036	99.5378	1.1765	1.0967	6.8866
-6.60	-4.8299	2.2647	96.7424	83.0337	1.1651	1.0999	6.8006
-6.40	-4.6401	2.2117	79.7754	68.8631	1.1585	1.1039	6.7328
-6.20	-4.4487	2.1685	65.6531	56.9094	1.1536	1.1089	6.6817
-6.00	-4.2558	2.1333	54.0758	46.9316	1.1522	1.1150	6.6456
-5.80	-4.0617	2.1049	44.6431	38.7281	1.1527	1.1224	6.6229
-5.60	-3.8664	2.0820	37.0256	32.0265	1.1561	1.1313	6.6129
-5.40	-3.6703	2.0635	30.8889	26.5742	1.1624	1.1418	6.6140
-5.20	-3.4734	2.0487	25.9684	22.1955	1.1700	1.1539	6.6251
-5.00	-3.2760	2.0367	22.0667	18.6864	1.1809	1.1679	6.6456
-4.80	-3.0780	2.0270	19.0021	15.9018	1.1950	1.1835	6.6739
-4.60	-2.8798	2.0190	16.6118	13.7374	1.2092	1.2001	6.7072
-4.40	-2.6812	2.0122	14.8246	12.0936	1.2258	1.2169	6.7425
-4.20	-2.4825	2.0063	13.5543	10.9308	1.2400	1.2322	6.7749
-4.00	-2.2837	2.0006	12.8082	10.2302	1.2520	1.2441	6.7978
-3.80	-2.0850	1.9946	12.6135	10.0220	1.2586	1.2499	6.8034
-3.60	-1.8866	1.9876	13.0735	10.3854	1.2588	1.2473	6.7845
-3.40	-1.6885	1.9786	14.3218	11.4445	1.2514	1.2366	6.7401
-3.20	-1.4912	1.9665	16.5610	13.3509	1.2404	1.2199	6.6736
-3.00	-1.2950	1.9495	19.9846	16.2597	1.2291	1.2013	6.5939
-2.80	-1.1002	1.9259	24.6740	20.1814	1.2226	1.1844	6.5076
-2.60	-0.9075	1.8941	30.4213	24.9079	1.2214	1.1706	6.4161
-2.40	-0.7170	1.8532	36.6259	29.8890	1.2254	1.1605	6.3189
-2.20	-0.5288	1.8033	42.3198	34.3038	1.2337	1.1536	6.2148
-2.00	-0.3428	1.7463	46.4285	37.4073	1.2412	1.1491	6.1037
-1.80	-0.1583	1.6849	48.2852	38.7373	1.2465	1.1464	5.9887
-1.60	0.0253	1.6224	47.7882	38.2768	1.2485	1.1453	5.8736
-1.40	0.2088	1.5619	45.3282	36.3418	1.2473	1.1452	5.7628
-1.20	0.3927	1.5054	41.5477	33.4269	1.2429	1.1462	5.6600
-1.00	0.5777	1.4543	37.1182	30.0046	1.2371	1.1482	5.5679
-0.80	0.7640	1.4091	32.5676	26.4567	1.2310	1.1511	5.4877
-0.60	0.9517	1.3697	28.2579	23.0500	1.2259	1.1550	5.4197
-0.40	1.1409	1.3358	24.3738	19.9413	1.2223	1.1601	5.3640
-0.20	1.3313	1.3066	21.0154	17.2106	1.2211	1.1664	5.3193
0.0	1.5228	1.2815	18.1803	14.8760	1.2221	1.1738	5.2846
0.20	1.7153	1.2596	15.8462	12.9311	1.2254	1.1825	5.2588
0.40	1.9087	1.2404	13.9570	11.3419	1.2306	1.1925	5.2406
0.60	2.1027	1.2235	12.4723	10.0695	1.2386	1.2037	5.2291
0.80	2.2974	1.2086	11.3033	9.0690	1.2464	1.2164	5.2245
1.00	2.4929	1.1962	10.4044	8.2915	1.2548	1.2304	5.2275
1.20	2.6896	1.1871	9.7066	7.6888	1.2624	1.2467	5.2419
1.40	2.8880	1.1828	9.1473	7.2127	1.2682	1.2666	5.2742
1.60	3.0893	1.1864	8.6769	6.8212	1.2720	1.2930	5.3369
1.80	3.2951	1.2023	8.2482	6.4813	1.2726	1.3291	5.4468
2.00	3.5076	1.2374	7.8491	6.1698	1.2722	1.3798	5.6303
2.20	3.7298	1.3021	0.0	5.8756	0.0	0.0	0.0

T= 7200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1854	2.4739	0.0	130.2102	0.0	0.0	0.0
-6.80	-5.0012	2.3857	0.0	110.5705	0.0	1.0962	7.0170
-6.60	-4.8149	2.3118	108.9306	92.8780	1.1728	1.0989	6.9159
-6.40	-4.6265	2.2505	90.1105	77.3848	1.1644	1.1023	6.8342

T= 7200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-4.4364	2.2001	74.3087	64.1217	1.1589	1.1066	6.7703
-6.00	-4.2446	2.1590	61.1797	52.9813	1.1547	1.1119	6.7229
-5.80	-4.0513	2.1256	50.4452	43.7261	1.1537	1.1184	6.6904
-5.60	-3.8569	2.0987	41.7249	36.1180	1.1552	1.1262	6.6710
-5.40	-3.6614	2.0770	34.6657	29.9156	1.1588	1.1356	6.6640
-5.20	-3.4651	2.0595	29.0276	24.8947	1.1660	1.1467	6.6681
-5.00	-3.2680	2.0454	24.5166	20.8569	1.1755	1.1595	6.6822
-4.80	-3.0705	2.0340	20.9386	17.6317	1.1875	1.1739	6.7050
-4.60	-2.8724	2.0247	18.1242	15.0892	1.2011	1.1897	6.7346
-4.40	-2.6741	2.0170	15.9622	13.1292	1.2158	1.2063	6.7684
-4.20	-2.4755	2.0104	14.3770	11.6807	1.2308	1.2225	6.8023
-4.00	-2.2768	2.0044	13.3236	10.6981	1.2454	1.2364	6.8309
-3.80	-2.0781	1.9984	12.8035	10.1954	1.2558	1.2460	6.8469
-3.60	-1.8796	1.9918	12.8628	10.2151	1.2592	1.2485	6.8426
-3.40	-1.6813	1.9838	13.6205	10.8578	1.2544	1.2425	6.8125
-3.20	-1.4836	1.9732	15.2913	12.2642	1.2468	1.2292	6.7577
-3.00	-1.2868	1.9587	18.0146	14.5835	1.2353	1.2117	6.6848
-2.80	-1.0914	1.9385	21.9676	17.9071	1.2268	1.1939	6.6012
-2.60	-0.8976	1.9108	27.1201	22.1552	1.2241	1.1788	6.5121
-2.40	-0.7060	1.8742	33.0418	26.9506	1.2260	1.1669	6.4171
-2.20	-0.5167	1.8285	38.9279	31.6016	1.2318	1.1586	6.3155
-2.00	-0.3297	1.7746	43.7699	35.3022	1.2399	1.1530	6.2067
-1.80	-0.1446	1.7148	46.6665	37.4402	1.2464	1.1494	6.0919
-1.60	0.0393	1.6524	47.2544	37.7900	1.2504	1.1475	5.9751
-1.40	0.2227	1.5905	45.6928	36.5393	1.2505	1.1469	5.8606
-1.20	0.4064	1.5318	42.5380	34.0959	1.2476	1.1475	5.7526
-1.00	0.5908	1.4778	38.4347	30.9480	1.2419	1.1490	5.6543
-0.80	0.7764	1.4297	34.0076	27.5123	1.2361	1.1514	5.5671
-0.60	0.9634	1.3874	29.6629	24.1057	1.2305	1.1549	5.4926
-0.40	1.1518	1.3508	25.6703	20.9312	1.2264	1.1595	5.4304
-0.20	1.3415	1.3193	22.1443	18.0953	1.2238	1.1652	5.3798
0.0	1.5325	1.2921	19.1439	15.6404	1.2240	1.1721	5.3399
0.20	1.7245	1.2686	16.6487	13.5747	1.2265	1.1803	5.3096
0.40	1.9174	1.2481	14.6155	11.8712	1.2312	1.1899	5.2879
0.60	2.1111	1.2302	12.9880	10.4956	1.2375	1.2009	5.2739
0.80	2.3056	1.2146	11.7033	9.4028	1.2447	1.2133	5.2674
1.00	2.5009	1.2016	10.7145	8.5486	1.2534	1.2274	5.2695
1.20	2.6975	1.1920	9.9405	7.8830	1.2610	1.2438	5.2834
1.40	2.8958	1.1875	9.3224	7.3579	1.2670	1.2641	5.3163
1.60	3.0970	1.1908	8.8065	6.9302	1.2707	1.2907	5.3792
1.80	3.3027	1.2063	8.3531	6.5652	1.2723	1.3271	5.4902
2.00	3.5150	1.2411	7.9321	6.2365	1.2719	1.3781	5.6748
2.20	3.7369	1.3054	0.0	5.9303	0.0	0.0	0.0

T= 7300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1566	2.5480	0.0	141.7119	0.0	0.0	0.0
-6.80	-4.9839	2.4486	145.0722	121.6607	1.1924	1.0959	7.1574
-6.60	-4.7991	2.3644	121.7382	103.0039	1.1819	1.0982	7.0405
-6.40	-4.6122	2.2940	101.1766	86.3325	1.1719	1.1011	6.9442
-6.20	-4.4234	2.2359	83.6389	71.8280	1.1644	1.1049	6.8671
-6.00	-4.2327	2.1881	68.9401	59.4961	1.1587	1.1095	6.8076
-5.80	-4.0405	2.1493	56.8370	49.1527	1.1563	1.1151	6.7641
-5.60	-3.8469	2.1178	46.9075	40.6046	1.1552	1.1221	6.7351

T= 7300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.40	-3.6522	2.0923	38.8827	33.5796	1.1579	1.1305	6.7195
-5.20	-3.4565	2.0718	32.4123	27.8736	1.1628	1.1404	6.7160
-5.00	-3.2599	2.0553	27.2188	23.2585	1.1703	1.1521	6.7233
-4.80	-3.0628	2.0420	23.0889	19.5581	1.1805	1.1653	6.7396
-4.60	-2.8651	2.0312	19.8148	16.6177	1.1924	1.1802	6.7647
-4.40	-2.6670	2.0223	17.2732	14.3224	1.2060	1.1963	6.7959
-4.20	-2.4686	2.0149	15.3621	12.5676	1.2224	1.2127	6.8295
-4.00	-2.2700	2.0083	13.9791	11.3122	1.2358	1.2279	6.8612
-3.80	-2.0713	2.0022	13.1423	10.5298	1.2481	1.2400	6.8843
-3.60	-1.8727	1.9958	12.8636	10.2444	1.2557	1.2466	6.8916
-3.40	-1.6743	1.9884	13.2276	10.5264	1.2566	1.2455	6.8759
-3.20	-1.4764	1.9791	14.3885	11.4944	1.2518	1.2363	6.8343
-3.00	-1.2791	1.9665	16.5022	13.2906	1.2416	1.2212	6.7707
-2.80	-1.0830	1.9490	19.7644	16.0456	1.2318	1.2037	6.6921
-2.60	-0.8884	1.9250	24.2537	19.7761	1.2264	1.1872	6.6049
-2.40	-0.6957	1.8927	29.7351	24.2612	1.2256	1.1739	6.5124
-2.20	-0.5054	1.8511	35.6306	28.9430	1.2311	1.1639	6.4131
-2.00	-0.3174	1.8008	40.9586	33.0707	1.2385	1.1569	6.3063
-1.80	-0.1314	1.7433	44.7492	35.9292	1.2455	1.1525	6.1932
-1.60	0.0529	1.6817	46.3820	37.0849	1.2507	1.1499	6.0758
-1.40	0.2364	1.6191	45.7900	36.5545	1.2526	1.1487	5.9586
-1.20	0.4199	1.5585	43.3532	34.6502	1.2512	1.1487	5.8459
-1.00	0.6039	1.5021	39.7092	31.8382	1.2472	1.1498	5.7419
-0.80	0.7889	1.4511	35.4622	28.5692	1.2413	1.1518	5.6485
-0.60	0.9751	1.4059	31.1308	25.1995	1.2354	1.1549	5.5674
-0.40	1.1628	1.3666	27.0406	21.9729	1.2306	1.1590	5.4986
-0.20	1.3519	1.3327	23.3669	19.0399	1.2273	1.1641	5.4418
0.0	1.5423	1.3034	20.1936	16.4666	1.2263	1.1705	5.3966
0.20	1.7338	1.2781	17.5222	14.2751	1.2275	1.1782	5.3617
0.40	1.9262	1.2562	15.3321	12.4523	1.2313	1.1873	5.3361
0.60	2.1196	1.2372	13.5620	10.9636	1.2370	1.1980	5.3191
0.80	2.3138	1.2208	12.1638	9.7731	1.2446	1.2102	5.3106
1.00	2.5090	1.2072	11.0552	8.8334	1.2515	1.2244	5.3118
1.20	2.7053	1.1972	10.1956	8.0981	1.2590	1.2411	5.3256
1.40	2.9035	1.1922	9.5131	7.5175	1.2655	1.2616	5.3583
1.60	3.1046	1.1952	8.9491	7.0486	1.2696	1.2884	5.4217
1.80	3.3101	1.2105	8.4624	6.6513	1.2723	1.3250	5.5333
2.00	3.5223	1.2449	8.0168	6.3013	1.2722	1.3762	5.7188
2.20	3.7441	1.3088	0.0	5.9795	0.0	0.0	0.0

T= 7400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1472	2.6283	0.0	152.3587	0.0	0.0	0.0
-6.80	-4.9659	2.5177	159.2787	132.4719	1.2024	1.0960	7.3073
-6.60	-4.7826	2.4228	134.8891	113.2373	1.1912	1.0979	7.1744
-6.40	-4.5972	2.3427	112.8154	95.5848	1.1803	1.1004	7.0629
-6.20	-4.4097	2.2760	93.5995	79.9460	1.1708	1.1036	6.9718
-6.00	-4.2203	2.2211	77.3570	66.4536	1.1641	1.1076	6.8995
-5.80	-4.0292	2.1761	63.7913	55.0208	1.1594	1.1126	6.8447
-5.60	-3.8366	2.1395	52.6106	45.4693	1.1571	1.1187	6.8056
-5.40	-3.6427	2.1098	43.5298	37.5905	1.1580	1.1262	6.7807
-5.20	-3.4476	2.0859	36.1545	31.1438	1.1609	1.1350	6.7687
-5.00	-3.2516	2.0667	30.2332	25.9171	1.1665	1.1455	6.7685
-4.80	-3.0549	2.0511	25.4871	21.6990	1.1746	1.1577	6.7788

T= 7400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.8576	2.0386	21.7234	18.3277	1.1853	1.1716	6.7985
-4.40	-2.6598	2.0284	18.7714	15.6608	1.1986	1.1869	6.8255
-4.20	-2.4616	2.0199	16.4980	13.5992	1.2132	1.2029	6.8569
-4.00	-2.2631	2.0126	14.8138	12.0625	1.2281	1.2189	6.8900
-3.80	-2.0646	2.0061	13.6701	11.0099	1.2416	1.2328	6.9180
-3.60	-1.8660	1.9996	13.0704	10.4466	1.2512	1.2426	6.9342
-3.40	-1.6675	1.9927	13.0816	10.4088	1.2568	1.2459	6.9311
-3.20	-1.4693	1.9842	13.7898	10.9921	1.2545	1.2411	6.9033
-3.00	-1.2717	1.9732	15.3791	12.3309	1.2472	1.2291	6.8506
-2.80	-1.0751	1.9581	18.0230	14.5617	1.2377	1.2130	6.7794
-2.60	-0.8797	1.9372	21.8404	17.7603	1.2297	1.1960	6.6959
-2.40	-0.6862	1.9088	26.7974	21.8385	1.2271	1.1812	6.6053
-2.20	-0.4947	1.8715	32.4616	26.3877	1.2302	1.1697	6.5085
-2.00	-0.3057	1.8250	38.0235	30.7618	1.2361	1.1615	6.4044
-1.80	-0.1188	1.7704	42.5277	34.1711	1.2446	1.1559	6.2928
-1.60	0.0661	1.7102	45.1126	36.0652	1.2509	1.1525	6.1758
-1.40	0.2499	1.6476	45.4835	36.2676	1.2541	1.1508	6.0572
-1.20	0.4333	1.5857	43.8517	34.9579	1.2544	1.1503	5.9410
-1.00	0.6169	1.5270	40.7345	32.5544	1.2513	1.1508	5.8315
-0.80	0.8014	1.4733	36.7652	29.5101	1.2459	1.1524	5.7320
-0.60	0.9870	1.4254	32.5085	26.2218	1.2397	1.1549	5.6441
-0.40	1.1740	1.3833	28.3652	22.9774	1.2345	1.1585	5.5688
-0.20	1.3624	1.3468	24.5696	19.9662	1.2306	1.1633	5.5062
0.0	1.5521	1.3154	21.2413	17.2892	1.2286	1.1692	5.4554
0.20	1.7431	1.2883	18.4054	14.9782	1.2288	1.1765	5.4156
0.40	1.9351	1.2648	16.0517	13.0350	1.2314	1.1852	5.3859
0.60	2.1281	1.2446	14.1421	11.4374	1.2365	1.1954	5.3656
0.80	2.3220	1.2273	12.6149	10.1476	1.2431	1.2074	5.3548
1.00	2.5169	1.2129	11.4049	9.1234	1.2501	1.2213	5.3540
1.20	2.7131	1.2024	10.4574	8.3161	1.2575	1.2381	5.3672
1.40	2.9112	1.1970	9.7073	7.6797	1.2640	1.2589	5.4001
1.60	3.1121	1.1997	9.0950	7.1676	1.2689	1.2859	5.4637
1.80	3.3175	1.2146	8.5712	6.7431	1.2711	1.3229	5.5760
2.00	3.5295	1.2486	8.1092	6.3734	1.2723	1.3742	5.7623
2.20	3.7511	1.3122	0.0	6.0413	0.0	0.0	0.0

T= 7500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1274	2.7142	0.0	161.7661	0.0	0.0	0.0
-6.80	-4.9474	2.5925	172.9693	142.7408	1.2118	1.0963	7.4662
-6.60	-4.7654	2.4868	148.1601	123.4112	1.2005	1.0978	7.3173
-6.40	-4.5815	2.3966	124.9621	105.0764	1.1892	1.0999	7.1901
-6.20	-4.3954	2.3208	104.2903	88.4433	1.1792	1.1026	7.0844
-6.00	-4.2074	2.2579	86.4303	73.8407	1.1705	1.1061	6.9988
-5.80	-4.0174	2.2062	71.3641	61.3144	1.1639	1.1105	6.9318
-5.60	-3.8258	2.1640	58.8836	50.7465	1.1603	1.1159	6.8819
-5.40	-3.6328	2.1297	48.6375	41.9631	1.1591	1.1225	6.8472
-5.20	-3.4385	2.1019	40.3046	34.7361	1.1603	1.1305	6.8267
-5.00	-3.2431	2.0795	33.5892	28.8381	1.1648	1.1399	6.8185
-4.80	-3.0469	2.0615	28.1740	24.0645	1.1708	1.1511	6.8220
-4.60	-2.8500	2.0469	23.8831	20.2265	1.1808	1.1639	6.8356
-4.40	-2.6525	2.0351	20.4684	17.1698	1.1921	1.1782	6.8576
-4.20	-2.4546	2.0254	17.7962	14.7748	1.2045	1.1938	6.8865
-4.00	-2.2563	2.0173	15.7902	12.9472	1.2196	1.2098	6.9184

T= 7500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-2.0578	2.0102	14.3401	11.6255	1.2335	1.2249	6.9491
-3.60	-1.8593	2.0035	13.4376	10.7869	1.2457	1.2371	6.9721
-3.40	-1.6608	1.9967	13.1174	10.4558	1.2546	1.2440	6.9795
-3.20	-1.4625	1.9888	13.4237	10.6935	1.2553	1.2437	6.9651
-3.00	-1.2646	1.9790	14.5376	11.6120	1.2519	1.2356	5.9252
-2.80	-1.0675	1.9658	16.5833	13.3512	1.2421	1.2215	6.8624
-2.60	-0.8716	1.9476	19.7777	16.0163	1.2348	1.2050	6.7844
-2.40	-0.6772	1.9227	24.1125	19.6046	1.2299	1.1892	6.6965
-2.20	-0.4848	1.8894	29.3782	23.8836	1.2301	1.1763	6.6022
-2.00	-0.2946	1.8469	34.9323	28.2960	1.2345	1.1667	6.5007
-1.80	-0.1069	1.7956	39.9139	32.1110	1.2430	1.1600	6.3914
-1.60	0.0788	1.7375	43.3327	34.6548	1.2504	1.1557	6.2755
-1.40	0.2630	1.6755	44.6654	35.5798	1.2554	1.1532	6.1558
-1.20	0.4465	1.6128	43.8863	34.9133	1.2570	1.1522	6.0370
-1.00	0.6299	1.5524	41.3992	32.9874	1.2550	1.1523	5.9230
-0.80	0.8139	1.4962	37.8320	30.2428	1.2509	1.1534	5.8178
-0.60	0.9989	1.4455	33.7487	27.1034	1.2452	1.1556	5.7238
-0.40	1.1853	1.4007	29.6133	23.8972	1.2392	1.1588	5.6423
-0.20	1.3730	1.3617	25.7500	20.8471	1.2352	1.1632	5.5736
0.0	1.5621	1.3280	22.2870	18.0871	1.2322	1.1687	5.5170
0.20	1.7525	1.2989	19.3000	15.6763	1.2312	1.1755	5.4723
0.40	1.9440	1.2739	16.8033	13.6301	1.2328	1.1838	5.4384
0.60	2.1366	1.2523	14.7502	11.9292	1.2365	1.1938	5.4149
0.80	2.3302	1.2340	13.0995	10.5461	1.2421	1.2054	5.4012
1.00	2.5249	1.2189	11.7940	9.4382	1.2496	1.2193	5.3988
1.20	2.7209	1.2077	10.7574	8.5608	1.2566	1.2360	5.4107
1.40	2.9188	1.2019	9.9326	7.8658	1.2628	1.2570	5.4434
1.60	3.1196	1.2041	9.2644	7.3086	1.2676	1.2847	5.5080
1.80	3.3248	1.2187	8.7022	6.8485	1.2707	1.3218	5.6209
2.00	3.5367	1.2524	8.2060	6.4529	1.2717	1.3737	5.8088
2.20	3.7581	1.3157	0.0	6.1018	0.0	0.0	0.0

T= 7600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1074	2.8048	0.0	169.2923	0.0	0.0	0.0
-6.80	-4.9284	2.6729	185.6552	151.9450	1.2219	1.0969	7.6332
-6.60	-4.7477	2.5564	161.0468	133.1483	1.2095	1.0980	7.4689
-6.40	-4.5651	2.4558	137.2267	114.5229	1.1982	1.0998	7.3263
-6.20	-4.3805	2.3704	115.3213	97.1368	1.1872	1.1021	7.2055
-6.00	-4.1938	2.2990	95.9937	81.5391	1.1773	1.1051	7.1058
-5.80	-4.0051	2.2400	79.4683	67.9588	1.1694	1.1089	7.0261
-5.60	-3.8146	2.1915	65.6308	56.3835	1.1640	1.1137	6.9646
-5.40	-3.6225	2.1520	54.1858	46.6673	1.1611	1.1195	6.9196
-5.20	-3.4290	2.1200	44.8367	38.6292	1.1607	1.1267	6.8898
-5.00	-3.2343	2.0941	37.2502	32.0296	1.1630	1.1352	6.8734
-4.80	-3.0387	2.0732	31.1416	26.6512	1.1685	1.1453	6.8694
-4.60	-2.8422	2.0564	26.2370	22.3161	1.1757	1.1570	6.8765
-4.40	-2.6451	2.0427	22.3486	18.8452	1.1859	1.1704	6.8933
-4.20	-2.4475	2.0316	19.2769	16.0946	1.1977	1.1853	6.9180
-4.00	-2.2494	2.0225	16.9111	13.9605	1.2114	1.2008	6.9475
-3.80	-2.0511	2.0146	15.1611	12.3660	1.2260	1.2164	6.9789
-3.60	-1.8527	2.0075	13.9686	11.2678	1.2397	1.2303	7.0063
-3.40	-1.6542	2.0006	13.3189	10.6622	1.2492	1.2403	7.0225
-3.20	-1.4558	1.9931	13.2959	10.5938	1.2551	1.2439	7.0195

T= 7600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-1.2577	1.9842	13.9696	11.1462	1.2533	1.2399	6.9925
-2.80	-1.0603	1.9725	15.5216	12.4439	1.2473	1.2288	6.9405
-2.60	-0.8638	1.9566	18.1113	14.6224	1.2386	1.2135	6.8692
-2.40	-0.6687	1.9347	21.8453	17.7241	1.2325	1.1974	6.7855
-2.20	-0.4754	1.9052	26.6343	21.6342	1.2311	1.1833	6.6934
-2.00	-0.2843	1.8666	32.0356	25.9474	1.2346	1.1723	6.5947
-1.80	-0.0955	1.8189	37.2329	30.0035	1.2410	1.1645	6.4881
-1.60	0.0910	1.7634	41.3128	33.0667	1.2494	1.1592	6.3738
-1.40	0.2758	1.7026	43.5217	34.6575	1.2558	1.1560	6.2542
-1.20	0.4594	1.6398	43.6053	34.6419	1.2587	1.1543	6.1332
-1.00	0.6428	1.5780	41.8268	33.2433	1.2582	1.1539	6.0157
-0.80	0.8264	1.5197	38.7200	30.8506	1.2551	1.1547	5.9054
-0.60	1.0109	1.4664	34.8804	27.9055	1.2499	1.1565	5.8055
-0.40	1.1966	1.4189	30.8145	24.7724	1.2439	1.1594	5.7179
-0.20	1.3837	1.3773	26.8916	21.7112	1.2386	1.1633	5.6430
0.0	1.5722	1.3413	23.3242	18.8863	1.2350	1.1683	5.5806
0.20	1.7620	1.3102	20.2133	16.3844	1.2337	1.1747	5.5305
0.40	1.9530	1.2834	17.5739	14.2377	1.2343	1.1827	5.4923
0.60	2.1452	1.2605	15.3880	12.4391	1.2371	1.1923	5.4650
0.80	2.3384	1.2410	13.6165	10.9625	1.2421	1.2038	5.4487
1.00	2.5328	1.2251	12.1986	9.7712	1.2484	1.2176	5.4447
1.20	2.7286	1.2132	11.0736	8.8228	1.2551	1.2345	5.4557
1.40	2.9263	1.2069	10.1790	8.0683	1.2616	1.2557	5.4881
1.60	3.1270	1.2088	9.4533	7.4650	1.2664	1.2833	5.5523
1.80	3.3321	1.2230	8.8485	6.9678	1.2699	1.3211	5.6664
2.00	3.5438	1.2563	8.3203	6.5464	1.2710	1.3730	5.8550
2.20	3.7650	1.3191	0.0	6.1754	0.0	0.0	0.0

T= 7700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0874	2.8988	0.0	174.5185	0.0	0.0	0.0
-6.80	-4.9091	2.7579	0.0	159.7475	0.0	1.0976	7.8072
-6.60	-4.7295	2.6311	173.1016	142.1264	1.2179	1.0985	7.6286
-6.40	-4.5482	2.5201	149.3076	123.6947	1.2071	1.0999	7.4706
-6.20	-4.3650	2.4248	126.5610	105.8586	1.1956	1.1019	7.3348
-6.00	-4.1796	2.3445	106.0134	89.4556	1.1851	1.1044	7.2205
-5.80	-3.9922	2.2775	88.1062	74.9121	1.1761	1.1078	7.1274
-5.60	-3.8029	2.2223	72.8852	62.3405	1.1691	1.1120	7.0538
-5.40	-3.6118	2.1770	60.2018	51.7016	1.1644	1.1172	6.9980
-5.20	-3.4192	2.1403	49.7609	42.8125	1.1623	1.1235	6.9583
-5.00	-3.2253	2.1105	41.2558	35.4756	1.1629	1.1312	6.9332
-4.80	-3.0303	2.0864	34.3766	29.4693	1.1665	1.1403	6.9214
-4.60	-2.8343	2.0670	28.8376	24.5974	1.1724	1.1511	6.9216
-4.40	-2.6376	2.0513	24.4217	20.6762	1.1811	1.1635	6.9322
-4.20	-2.4403	2.0386	20.9277	17.5555	1.1921	1.1774	6.9518
-4.00	-2.2425	2.0282	18.1928	15.0968	1.2051	1.1924	6.9783
-3.80	-2.0444	2.0194	16.1144	13.2216	1.2188	1.2080	7.0085
-3.60	-1.8461	2.0117	14.6289	11.8633	1.2331	1.2228	7.0379
-3.40	-1.6476	2.0046	13.6870	10.9990	1.2444	1.2350	7.0604
-3.20	-1.4492	1.9972	13.3437	10.6468	1.2533	1.2420	7.0673
-3.00	-1.2510	1.9888	13.6352	10.8700	1.2544	1.2421	7.0528
-2.80	-1.0533	1.9783	14.7437	11.7741	1.2522	1.2346	7.0129
-2.60	-0.8564	1.9643	16.7845	13.4926	1.2440	1.2214	6.9505
-2.40	-0.6607	1.9451	19.9233	16.1064	1.2370	1.2058	6.8721

T= 7700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.4666	1.9189	24.1703	19.6017	1.2331	1.1907	6.7829
-2.00	-0.2745	1.8842	29.2539	23.6849	1.2351	1.1784	6.6862
-1.80	-0.0848	1.8402	34.5033	27.8120	1.2406	1.1693	6.5822
-1.60	0.1026	1.7877	39.0431	31.2763	1.2483	1.1629	6.4699
-1.40	0.2880	1.7286	42.0191	33.4652	1.2556	1.1589	6.3511
-1.20	0.4721	1.6662	42.9536	34.0943	1.2598	1.1566	6.2291
-1.00	0.6554	1.6035	41.9380	33.2518	1.2612	1.1558	6.1089
-0.80	0.8388	1.5434	39.3676	31.2717	1.2589	1.1561	5.9942
-0.60	1.0229	1.4878	35.8513	28.5765	1.2546	1.1575	5.8886
-0.40	1.2080	1.4378	31.9263	25.5593	1.2491	1.1599	5.7946
-0.20	1.3945	1.3936	27.9949	22.5194	1.2431	1.1633	5.7134
0.0	1.5823	1.3551	24.3444	19.6528	1.2387	1.1681	5.6455
0.20	1.7715	1.3219	21.1183	17.0770	1.2367	1.1740	5.5901
0.40	1.9621	1.2934	18.3426	14.8367	1.2363	1.1815	5.5471
0.60	2.1538	1.2690	16.0271	12.9419	1.2384	1.1906	5.5155
0.80	2.3467	1.2483	14.1335	11.3751	1.2425	1.2018	5.4961
1.00	2.5408	1.2314	12.6075	10.1033	1.2479	1.2153	5.4895
1.20	2.7363	1.2189	11.3918	9.0823	1.2543	1.2322	5.4992
1.40	2.9339	1.2121	10.4256	8.2696	1.2607	1.2534	5.5308
1.60	3.1344	1.2134	9.6425	7.6174	1.2659	1.2811	5.5947
1.80	3.3393	1.2272	8.9937	7.0856	1.2693	1.3189	5.7088
2.00	3.5509	1.2602	8.4371	6.6380	1.2710	1.3710	5.8982
2.20	3.7718	1.3227	0.0	6.2493	0.0	0.0	0.0

T= 7800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0576	2.9950	0.0	177.0668	0.0	0.0	0.0
-6.80	-4.8897	2.8467	204.2818	165.6951	1.2329	1.0985	7.9866
-6.60	-4.7110	2.7106	183.8829	150.0368	1.2256	1.0991	7.7954
-6.40	-4.5308	2.5894	160.9030	132.3711	1.2155	1.1002	7.6230
-6.20	-4.3489	2.4841	137.8495	114.4664	1.2043	1.1018	7.4717
-6.00	-4.1649	2.3943	116.3351	97.4915	1.1933	1.1040	7.3428
-5.80	-3.9787	2.3190	97.1663	82.1233	1.1832	1.1069	7.2359
-5.60	-3.7906	2.2564	80.6246	68.6125	1.1751	1.1106	7.1495
-5.40	-3.6006	2.2050	66.6622	57.0506	1.1685	1.1152	7.0821
-5.20	-3.4090	2.1630	55.1012	47.2946	1.1651	1.1209	7.0321
-5.00	-3.2159	2.1288	45.6222	39.1865	1.1642	1.1278	6.9979
-4.80	-3.0216	2.1012	37.8999	32.5186	1.1655	1.1361	6.9780
-4.60	-2.8262	2.0789	31.6952	27.0803	1.1704	1.1459	6.9708
-4.40	-2.6300	2.0609	26.7017	22.6855	1.1770	1.1573	6.9750
-4.20	-2.4331	2.0464	22.7326	19.1606	1.1864	1.1702	6.9889
-4.00	-2.2356	2.0345	19.6210	16.3687	1.1987	1.1846	7.0114
-3.80	-2.0377	2.0247	17.2004	14.1960	1.2116	1.1999	7.0393
-3.60	-1.8395	2.0163	15.4117	12.5759	1.2255	1.2152	7.0693
-3.40	-1.6411	2.0087	14.1987	11.4598	1.2390	1.2287	7.0950
-3.20	-1.4427	2.0013	13.5475	10.8488	1.2488	1.2385	7.1102
-3.00	-1.2445	1.9932	13.5251	10.7790	1.2548	1.2421	7.1063
-2.80	-1.0466	1.9836	14.2176	11.3396	1.2538	1.2383	7.0781
-2.60	-0.8493	1.9711	15.7884	12.6471	1.2484	1.2279	7.0261
-2.40	-0.6531	1.9541	18.3868	14.8195	1.2407	1.2133	6.9542
-2.20	-0.4583	1.9309	22.1048	17.8848	1.2360	1.1981	6.8693
-2.00	-0.2653	1.8998	26.7820	21.6793	1.2354	1.1847	6.7755
-1.80	-0.0746	1.8595	31.9442	25.7729	1.2394	1.1742	6.6736
-1.60	0.1137	1.8103	36.7678	29.5025	1.2463	1.1668	6.5638

T= 7800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.2999	1.7536	40.3907	32.1962	1.2545	1.1618	6.4454
-1.20	0.4844	1.6921	42.1574	33.4472	1.2604	1.1589	6.3244
-1.00	0.6679	1.6290	41.8990	33.1762	1.2629	1.1575	6.2018
-0.80	0.8512	1.5675	39.9298	31.6386	1.2621	1.1573	6.0830
-0.60	1.0349	1.5098	36.7863	29.2328	1.2584	1.1583	5.9724
-0.40	1.2195	1.4572	33.0374	26.3637	1.2531	1.1603	5.8726
-0.20	1.4053	1.4105	29.1477	23.3635	1.2476	1.1634	5.7854
0.0	1.5926	1.3697	25.4297	20.4689	1.2424	1.1676	5.7113
0.20	1.7812	1.3343	22.0850	17.8203	1.2393	1.1732	5.6507
0.40	1.9712	1.3039	19.1820	15.4890	1.2384	1.1803	5.6026
0.60	2.1624	1.2779	16.7298	13.4969	1.2395	1.1890	5.5669
0.80	2.3549	1.2560	14.7067	11.8340	1.2427	1.1997	5.5439
1.00	2.5487	1.2381	13.0676	10.4726	1.2478	1.2131	5.5349
1.20	2.7440	1.2248	11.7510	9.3730	1.2537	1.2296	5.5424
1.40	2.9414	1.2173	10.7015	8.4932	1.2600	1.2508	5.5729
1.60	3.1417	1.2182	9.8483	7.7867	1.2648	1.2787	5.6368
1.80	3.3464	1.2316	9.1471	7.2106	1.2686	1.3167	5.7512
2.00	3.5578	1.2642	8.5524	6.7297	1.2708	1.3690	5.9415
2.20	3.7786	1.3262	0.0	6.3162	0.0	0.0	0.0

T= 7900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0483	3.0917	0.0	176.6633	0.0	0.0	0.0
-6.80	-4.8704	2.9382	209.5539	169.4315	1.2368	1.0997	8.1701
-6.60	-4.6923	2.7940	192.8021	156.4777	1.2321	1.1000	7.9680
-6.40	-4.5131	2.6633	171.5623	140.2255	1.2235	1.1007	7.7820
-6.20	-4.[illegible]323	2.5480	148.8646	122.7367	1.2129	1.1020	7.6164
-6.00	-4.[illegible]496	2.4487	126.7594	105.5098	1.2014	1.1039	7.4726
-5.80	-3.[illegible]648	2.3645	106.5605	89.4856	1.1908	1.1063	7.3513
-5.60	-3.[illegible]779	2.2941	88.7664	75.1538	1.1811	1.1095	7.2515
-5.40	-3.[illegible]391	2.2359	73.5643	62.6773	1.1737	1.1135	7.1722
-5.20	-3.3984	2.1882	60.8491	52.0693	1.1686	1.1187	7.1114
-5.00	-3.2062	2.1493	50.3326	43.1761	1.1657	1.1249	7.0673
-4.80	-3.0126	2.1178	41.7658	35.8105	1.1663	1.1324	7.0386
-4.60	-2.8179	2.0923	34.8088	29.7827	1.1688	1.1414	7.0237
-4.40	-2.6222	2.0717	29.2112	24.8725	1.1744	1.1519	7.0213
-4.20	-2.4257	2.0551	24.7349	20.9206	1.1823	1.1640	7.0297
-4.00	-2.2286	2.0415	21.1932	17.7722	1.1925	1.1775	7.0472
-3.80	-2.0309	2.0305	18.4346	15.2936	1.2054	1.1922	7.0717
-3.60	-1.8329	2.0211	16.3360	13.4021	1.2189	1.2075	7.1005
-3.40	-1.6347	2.0130	14.8303	12.0384	1.2319	1.2218	7.1279
-3.20	-1.4363	2.0053	13.8928	11.1743	1.2433	1.2335	7.1485
-3.00	-1.2380	1.9974	13.5613	10.8347	1.2517	1.2402	7.1538
-2.80	-1.0400	1.9884	13.8940	11.0822	1.2537	1.2403	7.1378
-2.60	-0.8425	1.9771	15.0375	12.0198	1.2511	1.2330	7.0964
-2.40	-0.6458	1.9620	17.1348	13.7718	1.2442	1.2201	7.0323
-2.20	-0.4504	1.9415	20.3161	16.4015	1.2387	1.2052	6.9526
-2.00	-0.2567	1.9136	24.5304	19.8470	1.2360	1.1912	6.8623
-1.80	-0.0650	1.8770	29.4731	23.7943	1.2387	1.1796	6.7631
-1.60	0.1242	1.8312	34.4390	27.6572	1.2452	1.1711	6.6560
-1.40	0.3112	1.7772	38.5571	30.7722	1.2530	1.1652	6.5406
-1.20	0.4963	1.7171	41.0687	32.5836	1.2604	1.1616	6.4191
-1.00	0.6801	1.6543	41.5813	32.8935	1.2641	1.1595	6.2948
-0.80	0.8633	1.5917	40.2629	31.8394	1.2646	1.1588	6.1729

T= 7900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	1.0468	1.5321	37.5661	29.7717	1.2618	1.1594	6.0577
-0.40	1.2309	1.4773	34.0626	27.0961	1.2571	1.1610	5.9524
-0.20	1.4162	1.4281	30.2620	24.1731	1.2519	1.1638	5.8596
0.0	1.6029	1.3848	26.5204	21.2727	1.2467	1.1676	5.7797
0.20	1.7909	1.3472	23.0678	18.5668	1.2424	1.1728	5.7133
0.40	1.9804	1.3149	20.0367	16.1529	1.2404	1.1795	5.6603
0.60	2.1711	1.2872	17.4487	14.0664	1.2404	1.1878	5.6203
0.80	2.3632	1.2640	15.3058	12.3092	1.2434	1.1983	5.5937
1.00	2.5567	1.2450	13.5476	10.8596	1.2475	1.2115	5.5820
1.20	2.7517	1.2309	12.1322	9.6829	1.2529	1.2279	5.5878
1.40	2.9488	1.2227	10.9934	8.7355	1.2585	1.2491	5.6172
1.60	3.1489	1.2231	10.0813	7.9747	1.2642	1.2773	5.6810
1.80	3.3535	1.2360	9.3229	7.3560	1.2674	1.3155	5.7956
2.00	3.5647	1.2682	8.6875	6.8430	1.2695	1.3680	5.9866
2.20	3.7853	1.3298	0.0	6.4058	0.0	0.0	0.0

T= 8000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0296	3.1872	0.0	173.1761	0.0	0.0	0.0
-6.80	-4.8515	3.0310	211.3432	170.6664	1.2383	1.1011	8.3558
-6.60	-4.6736	2.8805	199.2910	161.1284	1.2368	1.1010	8.1454
-6.40	-4.4951	2.7412	180.8366	146.9662	1.2305	1.1014	7.9475
-6.20	-4.3153	2.6164	159.2249	130.4349	1.2207	1.1024	7.7679
-6.00	-4.1338	2.5074	137.1118	113.3207	1.2099	1.1040	7.6097
-5.80	-3.9503	2.4141	116.1162	96.8734	1.1986	1.1061	7.4739
-5.60	-3.7647	2.3355	97.2505	81.8320	1.1884	1.1089	7.3605
-5.40	-3.5770	2.2701	80.8756	68.5452	1.1799	1.1125	7.2685
-5.20	-3.3874	2.2162	66.9691	57.0985	1.1729	1.1170	7.1964
-5.00	-3.1962	2.1721	55.4248	47.4113	1.1690	1.1226	7.1421
-4.80	-3.0034	2.1362	45.9268	39.3306	1.1677	1.1293	7.1041
-4.60	-2.8094	2.1072	38.1792	32.6798	1.1683	1.1374	7.0810
-4.40	-2.6142	2.0837	31.9424	27.2331	1.1729	1.1471	7.0712
-4.20	-2.4182	2.0647	26.9253	22.8282	1.1795	1.1583	7.0733
-4.00	-2.2214	2.0494	22.9348	19.2989	1.1884	1.1711	7.0857
-3.80	-2.0241	2.0368	19.7907	16.4986	1.1995	1.1852	7.1065
-3.60	-1.8263	2.0264	17.3679	14.3292	1.2121	1.2000	7.1324
-3.40	-1.6282	2.0175	15.5845	12.7071	1.2264	1.2147	7.1602
-3.20	-1.4300	2.0094	14.3646	11.6009	1.2382	1.2279	7.1845
-3.00	-1.2317	2.0015	13.7286	11.0057	1.2474	1.2372	7.1976
-2.80	-1.0336	1.9929	13.7407	10.9662	1.2530	1.2407	7.1920
-2.60	-0.8358	1.9825	14.4868	11.5634	1.2528	1.2367	7.1617
-2.40	-0.6388	1.9690	16.1318	12.9150	1.2491	1.2263	7.1073
-2.20	-0.4429	1.9507	18.7818	15.1221	1.2420	1.2124	7.0339
-2.00	-0.2484	1.9258	22.5073	18.1750	1.2384	1.1981	6.9475
-1.80	-0.0560	1.8927	27.1112	21.8703	1.2396	1.1855	6.8515
-1.60	0.1342	1.8505	32.0289	25.7406	1.2443	1.1759	6.7468
-1.40	0.3221	1.7994	36.4737	29.1241	1.2524	1.1690	6.6335
-1.20	0.5078	1.7413	39.5896	31.4237	1.2599	1.1644	6.5128
-1.00	0.6920	1.6791	40.8529	32.2957	1.2650	1.1618	6.3881
-0.80	0.8754	1.6159	40.2272	31.7529	1.2669	1.1606	6.2638
-0.60	1.0586	1.5548	38.0530	30.0701	1.2655	1.1607	6.1446
-0.40	1.2424	1.4979	34.8655	27.6402	1.2614	1.1620	6.0341
-0.20	1.4272	1.4463	31.2027	24.8436	1.2560	1.1643	5.9354
0.0	1.6133	1.4006	27.4958	21.9766	1.2511	1.1679	5.8497

T= 8000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.8007	1.3608	23.9857	19.2451	1.2463	1.1726	5.7776
0.40	1.9896	1.3264	20.8512	16.7704	1.2433	1.1789	5.7194
0.60	2.1799	1.2970	18.1558	14.6078	1.2429	1.1868	5.6748
0.80	2.3715	1.2723	15.8897	12.7705	1.2442	1.1970	5.6444
1.00	2.5646	1.2522	14.0252	11.2417	1.2476	1.2096	5.6291
1.20	2.7594	1.2371	12.5145	9.9926	1.2524	1.2259	5.6327
1.40	2.9562	1.2283	11.2999	8.9826	1.2580	1.2470	5.6606
1.60	3.1562	1.2281	10.3169	8.1694	1.2629	1.2749	5.7231
1.80	3.3606	1.2405	9.5129	7.5088	1.2669	1.3133	5.8381
2.00	3.5715	1.2723	8.8332	5.9631	1.2686	1.3659	6.0295
2.20	3.7919	1.3335	0.0	6.5025	0.0	0.0	0.0

T= 8100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0118	3.2798	0.0	166.7529	0.0	0.0	0.0
-6.80	-4.8330	3.1235	209.1686	169.1841	1.2363	1.1028	8.5418
-6.60	-4.6551	2.9689	202.8796	163.6934	1.2394	1.1023	8.3257
-6.40	-4.4770	2.8224	188.2547	152.2753	1.2363	1.1024	8.1182
-6.20	-4.2981	2.6888	168.6032	137.2705	1.2283	1.1031	7.9261
-6.00	-4.1177	2.5703	146.9951	120.7221	1.2176	1.1043	7.7537
-5.80	-3.9354	2.4678	125.6979	104.1562	1.2068	1.1061	7.6036
-5.60	-3.7510	2.3806	105.9413	88.6246	1.1954	1.1085	7.4763
-5.40	-3.5645	2.3075	88.4799	74.5970	1.1861	1.1117	7.3712
-5.20	-3.3761	2.2470	73.4484	62.3453	1.1781	1.1156	7.2868
-5.00	-3.1858	2.1972	60.8293	51.8751	1.1726	1.1206	7.2217
-4.80	-2.9939	2.1566	50.3782	43.0741	1.1696	1.1267	7.1742
-4.60	-2.8006	2.1237	41.8487	35.7660	1.1701	1.1341	7.1425
-4.40	-2.6060	2.0970	34.8767	29.7725	1.1714	1.1430	7.1252
-4.20	-2.4105	2.0755	29.2962	24.8949	1.1768	1.1533	7.1204
-4.00	-2.2142	2.0581	24.8377	20.9564	1.1852	1.1651	7.1269
-3.80	-2.0172	2.0439	21.2939	17.8171	1.1951	1.1785	7.1430
-3.60	-1.8197	2.0323	18.5263	15.3609	1.2061	1.1930	7.1663
-3.40	-1.6218	2.0224	16.4406	13.4795	1.2197	1.2078	7.1931
-3.20	-1.4236	2.0138	14.9548	12.1293	1.2329	1.2218	7.2192
-3.00	-1.2254	2.0056	14.0446	11.2927	1.2437	1.2330	7.2376
-2.80	-1.0272	1.9971	13.7550	10.9867	1.2520	1.2394	7.2409
-2.60	-0.8294	1.9874	14.1403	11.2794	1.2536	1.2390	7.2221
-2.40	-0.6321	1.9751	15.3592	12.2707	1.2517	1.2316	7.1782
-2.20	-0.4357	1.9588	17.5336	14.0772	1.2455	1.2192	7.1124
-2.00	-0.2406	1.9366	20.7516	16.7201	1.2417	1.2050	7.0304
-1.80	-0.0474	1.9067	24.9449	20.1190	1.2399	1.1918	6.9378
-1.60	0.1437	1.8679	29.7089	23.8857	1.2438	1.1809	6.8354
-1.40	0.3324	1.8200	34.3183	27.4431	1.2505	1.1730	6.7245
-1.20	0.5189	1.7642	37.9384	30.1451	1.2585	1.1676	6.6054
-1.00	0.7036	1.7031	39.9126	31.5455	1.2652	1.1643	6.4808
-0.80	0.8871	1.6399	39.9810	31.5143	1.2687	1.1626	6.3547
-0.60	1.0703	1.5776	38.3681	30.2478	1.2685	1.1622	6.2320
-0.40	1.2538	1.5188	35.5572	28.1032	1.2652	1.1631	6.1169
-0.20	1.4382	1.4650	32.0939	25.4632	1.2604	1.1650	6.0125
0.0	1.6237	1.4169	28.4263	22.6584	1.2546	1.1682	5.9211
0.20	1.8106	1.3748	24.9013	19.9180	1.2502	1.1726	5.8434
0.40	1.9989	1.3384	21.6769	17.3926	1.2463	1.1784	5.7798
0.60	2.1887	1.3072	18.8751	15.1582	1.2452	1.1861	5.7307
0.80	2.3799	1.2810	16.4911	13.2374	1.2458	1.1958	5.6962

T= 8100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.5726	1.2597	14.5194	11.6300	1.2484	1.2082	5.6778
1.20	2.7670	1.2436	12.9080	10.3056	1.2525	1.2241	5.6784
1.40	2.9637	1.2340	11.6080	9.2297	1.2577	1.2449	5.7043
1.60	3.1634	1.2332	10.5493	8.3595	1.2620	1.2729	5.7662
1.80	3.3676	1.2451	9.6894	7.6522	1.2662	1.3111	5.8805
2.00	3.5783	1.2764	8.9576	7.0700	1.2684	1.3639	6.0725
2.20	3.7985	1.3372	0.0	6.5824	0.0	0.0	0.0

T= 8200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9950	3.3679	0.0	157.6883	0.0	0.0	0.0
-6.80	-4.8152	3.2145	0.0	165.0624	0.0	1.1046	8.7259
-6.60	-4.6369	3.0580	203.4174	164.0083	1.2403	1.1037	8.5074
-6.40	-4.4590	2.9061	193.3524	155.9532	1.2398	1.1035	8.2924
-6.20	-4.2807	2.7646	176.6363	143.0636	1.2347	1.1039	8.0895
-6.00	-4.1012	2.6372	156.3398	127.5765	1.2255	1.1048	7.9041
-5.80	-3.9200	2.5254	135.1009	111.2616	1.2143	1.1062	7.7398
-5.60	-3.7368	2.4294	114.7826	95.3943	1.2032	1.1083	7.5985
-5.40	-3.5516	2.3483	96.3568	80.7921	1.1926	1.1111	7.4799
-5.20	-3.3643	2.2807	80.2665	67.7981	1.1839	1.1146	7.3831
-5.00	-3.1750	2.2249	66.5857	56.5615	1.1772	1.1190	7.3067
-4.80	-2.9840	2.1792	55.1806	47.0289	1.1733	1.1246	7.2491
-4.60	-2.7915	2.1420	45.7431	39.0702	1.1708	1.1313	7.2084
-4.40	-2.5977	2.1118	38.0757	32.4964	1.1717	1.1393	7.1827
-4.20	-2.4027	2.0874	31.8848	27.1130	1.1760	1.1489	7.1710
-4.00	-2.2068	2.0677	26.8829	22.7559	1.1814	1.1599	7.1713
-3.80	-2.0102	2.0517	22.9338	19.2616	1.1906	1.1725	7.1822
-3.60	-1.8130	2.0386	19.8198	16.4969	1.2014	1.1863	7.2014
-3.40	-1.6153	2.0277	17.4101	14.3497	1.2133	1.2010	7.2265
-3.20	-1.4173	2.0184	15.6545	12.7572	1.2271	1.2155	7.2530
-3.00	-1.2192	2.0098	14.4895	11.6858	1.2399	1.2280	7.2747
-2.80	-1.0210	2.0013	13.8948	11.1333	1.2480	1.2367	7.2850
-2.60	-0.8230	1.9920	13.9666	11.1475	1.2529	1.2396	7.2766
-2.40	-0.6255	1.9807	14.7904	11.8135	1.2520	1.2354	7.2436
-2.20	-0.4288	1.9659	16.5303	13.2373	1.2488	1.2252	7.1866
-2.00	-0.2332	1.9460	19.2725	15.4996	1.2434	1.2116	7.1104
-1.80	-0.0392	1.9191	23.0396	18.5538	1.2418	1.1979	7.0212
-1.60	0.1527	1.8837	27.5473	22.1408	1.2442	1.1862	6.9220
-1.40	0.3423	1.8391	32.1972	25.7637	1.2497	1.1773	6.8139
-1.20	0.5295	1.7860	36.1875	28.7739	1.2576	1.1711	6.6968
-1.00	0.7148	1.7264	38.7632	30.6363	1.2653	1.1671	6.5730
-0.80	0.8987	1.6635	39.4994	31.1074	1.2698	1.1647	6.4456
-0.60	1.0819	1.6004	38.4837	30.2796	1.2709	1.1639	6.3201
-0.40	1.2652	1.5400	36.1030	28.4543	1.2688	1.1644	6.2009
-0.20	1.4491	1.4841	32.8837	26.0089	1.2643	1.1659	6.0912
0.0	1.6341	1.4338	29.3239	23.2912	1.2590	1.1686	5.9940
0.20	1.8205	1.3894	25.7862	20.5442	1.2539	1.1727	5.9108
0.40	2.0083	1.3508	22.5024	18.0034	1.2499	1.1781	5.8417
0.60	2.1975	1.3179	19.5932	15.7053	1.2475	1.1853	5.7875
0.80	2.3883	1.2901	17.1030	13.7125	1.2473	1.1947	5.7488
1.00	2.5806	1.2675	15.0285	12.0278	1.2495	1.2069	5.7271
1.20	2.7747	1.2503	13.3213	10.6304	1.2531	1.2225	5.7251
1.40	2.9710	1.2399	11.9271	9.4890	1.2569	1.2433	5.7495
1.60	3.1705	1.2384	10.8057	8.5627	1.2620	1.2713	5.8102

T= 8200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.3745	1.2498	9.8868	7.8097	1.2660	1.3095	5.9240
2.00	3.5851	1.2806	9.1218	7.1919	1.2683	1.3622	6.1162
2.20	3.8051	1.3409	0.0	6.6759	0.0	0.0	0.0

T= 8300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9792	3.4502	0.0	146.4338	0.0	0.0	0.0
-6.80	-4.7982	3.3023	194.8207	158.3782	1.2301	1.1068	8.9067
-6.60	-4.6192	3.1466	200.6655	161.9179	1.2393	1.1054	8.6886
-6.40	-4.4412	2.9912	195.9199	157.6911	1.2424	1.1048	8.4692
-6.20	-4.2632	2.8433	182.8734	147.5043	1.2398	1.1048	8.2572
-6.00	-4.0845	2.7076	164.6643	133.5730	1.2328	1.1054	8.0600
-5.80	-3.9043	2.5869	144.1200	117.8988	1.2224	1.1066	7.8825
-5.60	-3.7223	2.4820	123.5768	102.0528	1.2109	1.1084	7.7272
-5.40	-3.5382	2.3926	104.4223	87.0108	1.2001	1.1108	7.5948
-5.20	-3.3520	2.3175	87.3443	73.3942	1.1901	1.1139	7.4853
-5.00	-3.1639	2.2553	72.6411	61.4450	1.1822	1.1179	7.3972
-4.80	-2.9738	2.2040	60.2309	51.2038	1.1763	1.1228	7.3288
-4.60	-2.7822	2.1622	49.9312	42.5677	1.1730	1.1288	7.2784
-4.40	-2.5891	2.1282	41.5150	35.3915	1.1730	1.1362	7.2445
-4.20	-2.3947	2.1006	34.6540	29.4936	1.1750	1.1450	7.2252
-4.00	-2.1993	2.0783	29.1498	24.6992	1.1802	1.1552	7.2188
-3.80	-2.0031	2.0603	24.7086	20.8210	1.1867	1.1670	7.2239
-3.60	-1.8062	2.0456	21.2206	17.7320	1.1957	1.1802	7.2387
-3.40	-1.6088	2.0335	18.5127	15.3097	1.2092	1.1945	7.2610
-3.20	-1.4110	2.0233	16.4596	13.4779	1.2212	1.2090	7.2865
-3.00	-1.2130	2.0142	15.0154	12.1688	1.2339	1.2225	7.3106
-2.80	-1.0148	2.0055	14.1658	11.3818	1.2446	1.2330	7.3260
-2.60	-0.8168	1.9964	13.9444	11.1361	1.2522	1.2385	7.3255
-2.40	-0.6191	1.9858	14.4195	11.5027	1.2536	1.2376	7.3035
-2.20	-0.4221	1.9723	15.7481	12.5791	1.2519	1.2301	7.2565
-2.00	-0.2260	1.9544	18.0294	14.4658	1.2464	1.2178	7.1875
-1.80	-0.0315	1.9302	21.3332	17.1527	1.2437	1.2040	7.1022
-1.60	0.1612	1.8979	25.5079	20.5014	1.2442	1.1918	7.0067
-1.40	0.3516	1.8566	30.0859	24.0763	1.2496	1.1819	6.9012
-1.20	0.5397	1.8063	34.2960	27.2936	1.2566	1.1747	6.7862
-1.00	0.7256	1.7487	37.3693	29.5613	1.2641	1.1599	6.6635
-0.80	0.9099	1.6865	38.7693	30.5206	1.2703	1.1670	6.5360
-0.60	1.0933	1.6231	38.3804	30.1414	1.2733	1.1658	6.4085
-0.40	1.2764	1.5614	36.4646	28.6663	1.2720	1.1658	6.2855
-0.20	1.4600	1.5035	33.5446	26.4512	1.2682	1.1669	6.1709
0.0	1.6446	1.4510	30.1363	23.8554	1.2633	1.1692	6.0682
0.20	1.8304	1.4044	26.6233	21.1687	1.2577	1.1730	5.9795
0.40	2.0177	1.3638	23.3123	18.5924	1.2539	1.1780	5.9049
0.60	2.2064	1.3289	20.3207	16.2470	1.2507	1.1848	5.8457
0.80	2.3967	1.2995	17.7346	14.1887	1.2499	1.1939	5.8028
1.00	2.5886	1.2755	15.5566	12.4338	1.2512	1.2056	5.7772
1.20	2.7824	1.2573	13.7505	10.9700	1.2535	1.2210	5.7723
1.40	2.9784	1.2460	12.2830	9.7659	1.2577	1.2417	5.7947
1.60	3.1777	1.2438	11.0868	8.7853	1.2620	1.2696	5.8542
1.80	3.3814	1.2546	10.1061	7.9864	1.2654	1.3077	5.9672
2.00	3.5918	1.2849	9.2974	7.3303	1.2683	1.3603	6.1593
2.20	3.8116	1.3448	0.0	6.7842	0.0	0.0	0.0

T= 8400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9646	3.5256	0.0	133.7761	0.0	0.0	0.0
-6.80	-4.7822	3.3856	183.1434	149.4352	1.2256	1.1093	9.0828
-6.60	-4.6022	3.2332	194.7130	157.4585	1.2366	1.1073	8.8681
-6.40	-4.4238	3.0767	195.6334	157.3873	1.2430	1.1063	8.6469
-6.20	-4.2459	2.9240	186.9838	150.4176	1.2431	1.1060	8.4284
-6.00	-4.0677	2.7810	171.5722	138.5682	1.2382	1.1063	8.2207
-5.80	-3.8883	2.6518	152.4874	123.9713	1.2300	1.1071	8.0306
-5.60	-3.7073	2.5381	132.1354	108.4297	1.2186	1.1086	7.8619
-5.40	-3.5244	2.4403	112.5289	93.1866	1.2076	1.1107	7.7160
-5.20	-3.3394	2.3575	94.6453	79.0663	1.1970	1.1134	7.5932
-5.00	-3.1523	2.2883	78.9600	66.4714	1.1879	1.1169	7.4927
-4.80	-2.9633	2.2312	65.5734	55.5385	1.1807	1.1213	7.4130
-4.60	-2.7725	2.1843	54.4037	46.2442	1.1764	1.1269	7.3530
-4.40	-2.5802	2.1461	45.1701	38.4659	1.1743	1.1335	7.3100
-4.20	-2.3865	2.1152	37.6480	32.0277	1.1755	1.1416	7.2829
-4.00	-2.1917	2.0901	31.5481	26.7674	1.1786	1.1511	7.2696
-3.80	-1.9959	2.0698	26.6648	22.4920	1.1855	1.1621	7.2687
-3.60	-1.7994	2.0533	22.7656	19.0796	1.1932	1.1746	7.2785
-3.40	-1.6023	2.0398	19.6999	16.3724	1.2032	1.1883	7.2970
-3.20	-1.4047	2.0285	17.3714	14.2806	1.2164	1.2025	7.3201
-3.00	-1.2068	2.0187	15.6501	12.7442	1.2288	1.2166	7.3451
-2.80	-1.0087	2.0097	14.5497	11.7306	1.2403	1.2286	7.3645
-2.60	-0.8107	2.0006	14.0583	11.2489	1.2497	1.2365	7.3714
-2.40	-0.6129	1.9905	14.2327	11.3479	1.2542	1.2384	7.3585
-2.20	-0.4156	1.9781	15.1815	12.1156	1.2531	1.2335	7.3211
-2.00	-0.2192	1.9619	17.0591	13.6508	1.2497	1.2232	7.2603
-1.80	-0.0241	1.9400	19.9338	16.0069	1.2453	1.2102	7.1814
-1.60	0.1693	1.9107	23.7492	19.0746	1.2451	1.1973	7.0888
-1.40	0.3606	1.8726	28.1633	22.5603	1.2484	1.1864	6.9858
-1.20	0.5495	1.8253	32.5309	25.9096	1.2556	1.1783	6.8736
-1.00	0.7361	1.7700	36.0228	28.5140	1.2633	1.1728	6.7526
-0.80	0.9209	1.7090	38.0203	29.9348	1.2701	1.1693	6.6253
-0.60	1.1045	1.6456	38.2304	30.0057	1.2741	1.1674	6.4961
-0.40	1.2876	1.5829	36.8203	28.8972	1.2742	1.1670	6.3698
-0.20	1.4709	1.5233	34.2412	26.9337	1.2713	1.1678	6.2512
0.0	1.6551	1.4688	31.0017	24.4752	1.2667	1.1699	6.1435
0.20	1.8404	1.4200	27.5464	21.8352	1.2616	1.1731	6.0490
0.40	2.0271	1.3772	24.1818	19.2444	1.2566	1.1778	5.9690
0.60	2.2154	1.3404	21.1129	16.8469	1.2532	1.1843	5.9050
0.80	2.4052	1.3093	18.4230	14.7176	1.2518	1.1928	5.8571
1.00	2.5967	1.2839	16.1326	12.8856	1.2520	1.2042	5.8276
1.20	2.7901	1.2645	14.2264	11.3445	1.2540	1.2195	5.8201
1.40	2.9858	1.2523	12.6648	10.0710	1.2575	1.2397	5.8396
1.60	3.1848	1.2493	11.3840	9.0284	1.2609	1.2673	5.8972
1.80	3.3883	1.2595	10.3389	8.1783	1.2642	1.3053	6.0093
2.00	3.5985	1.2893	9.4738	7.4811	1.2664	1.3580	6.2017
2.20	3.8180	1.3487	0.0	6.9043	0.0	0.0	0.0

T= 8500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9512	3.5936	0.0	120.1169	0.0	0.0	0.0
-6.80	-4.7672	3.4633	169.1596	138.7498	1.2192	1.1123	9.2532
-6.60	-4.5860	3.3166	185.8254	150.7731	1.2325	1.1097	9.0445
-6.40	-4.4069	3.1613	192.3950	154.9459	1.2417	1.1081	8.8239

T= 8500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-4.2288	3.0057	188.7051	151.5507	1.2452	1.1074	8.6014
-6.00	-4.0508	2.8568	176.8424	142.2790	1.2429	1.1074	8.3857
-5.80	-3.8722	2.7199	159.7300	129.2456	1.2359	1.1079	8.1841
-5.60	-3.6921	2.5977	140.2723	114.3724	1.2265	1.1091	8.0024
-5.40	-3.5103	2.4913	120.4982	99.1936	1.2148	1.1107	7.8427
-5.20	-3.3264	2.4005	101.9834	84.7309	1.2036	1.1131	7.7068
-5.00	-3.1405	2.3242	85.4599	71.5839	1.1938	1.1163	7.5938
-4.80	-2.9525	2.2607	71.1686	60.0085	1.1860	1.1202	7.5028
-4.60	-2.7626	2.2085	59.0899	50.0701	1.1801	1.1252	7.4322
-4.40	-2.5711	2.1658	49.0423	41.6799	1.1766	1.1313	7.3799
-4.20	-2.3781	2.1311	40.7994	34.7024	1.1757	1.1387	7.3442
-4.00	-2.1839	2.1030	34.1127	28.9636	1.1778	1.1475	7.3237
-3.80	-1.9886	2.0802	28.7256	24.2847	1.1829	1.1578	7.3166
-3.60	-1.7925	2.0618	24.4179	20.5125	1.1904	1.1695	7.3211
-3.40	-1.5957	2.0467	21.0034	17.5108	1.1995	1.1826	7.3348
-3.20	-1.3983	2.0342	18.3728	15.1681	1.2113	1.1966	7.3555
-3.00	-1.2006	2.0236	16.3908	13.3978	1.2234	1.2107	7.3794
-2.80	-1.0026	2.0141	15.0252	12.1603	1.2356	1.2237	7.4015
-2.60	-0.8046	2.0049	14.2530	11.4483	1.2450	1.2336	7.4143
-2.40	-0.6068	1.9950	14.1430	11.2955	1.2521	1.2382	7.4099
-2.20	-0.4093	1.9834	14.7546	11.7691	1.2537	1.2360	7.3818
-2.00	-0.2126	1.9686	16.2316	12.9709	1.2514	1.2279	7.3300
-1.80	-0.0169	1.9488	18.6797	14.9728	1.2476	1.2160	7.2577
-1.60	0.1771	1.9222	22.0976	17.7428	1.2454	1.2029	7.1691
-1.40	0.3691	1.8872	26.2725	21.0420	1.2486	1.1915	7.0695
-1.20	0.5588	1.8430	30.6360	24.4195	1.2546	1.1825	6.9601
-1.00	0.7462	1.7902	34.4434	27.2831	1.2624	1.1761	6.8411
-0.80	0.9315	1.7308	36.9497	29.0933	1.2700	1.1718	6.7143
-0.60	1.1154	1.6678	37.7479	29.6116	1.2748	1.1694	6.5841
-0.40	1.2986	1.6044	36.8953	28.8995	1.2767	1.1685	6.4552
-0.20	1.4818	1.5434	34.7044	27.2238	1.2748	1.1689	6.3325
0.0	1.6656	1.4869	31.6900	24.9447	1.2704	1.1706	6.2199
0.20	1.8504	1.4360	28.3323	22.3917	1.2653	1.1734	6.1198
0.40	2.0366	1.3911	24.9722	19.8152	1.2603	1.1778	6.0347
0.60	2.2243	1.3523	21.8447	17.3907	1.2561	1.1838	5.9653
0.80	2.4137	1.3195	19.0683	15.2070	1.2539	1.1919	5.9124
1.00	2.6047	1.2926	16.6785	13.3108	1.2530	1.2028	5.8787
1.20	2.7978	1.2720	14.6834	11.7026	1.2547	1.2177	5.8675
1.40	2.9932	1.2587	13.0322	10.3656	1.2573	1.2375	5.8843
1.60	3.1919	1.2550	11.6827	9.2658	1.2608	1.2650	5.9402
1.80	3.3952	1.2645	10.5760	8.3659	1.2642	1.3026	6.0508
2.00	3.6051	1.2938	9.6576	7.6279	1.2661	1.3552	6.2427
2.20	3.8244	1.3526	0.0	7.0189	0.0	0.0	0.0

T= 8600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9389	3.6538	0.0	105.4447	0.0	0.0	0.0
-6.80	-4.7533	3.5345	153.8660	126.8308	1.2132	1.1157	9.4173
-6.60	-4.5707	3.3956	174.5885	142.2292	1.2275	1.1123	9.2162
-6.40	-4.3906	3.2438	186.4161	150.4507	1.2391	1.1101	8.9990
-6.20	-4.2120	3.0874	187.9530	150.9002	1.2455	1.1089	8.7748
-6.00	-4.0341	2.9343	180.2539	144.6414	1.2462	1.1086	8.5530
-5.80	-3.8559	2.7906	165.8732	133.5956	1.2416	1.1088	8.3419
-5.60	-3.6767	2.6604	147.7081	119.7861	1.2331	1.1096	8.1479

T= 8600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.40	-3.4958	2.5456	128.3184	104.9494	1.2227	1.1110	7.9752
-5.20	-3.3131	2.4467	109.4410	90.3508	1.2113	1.1131	7.8261
-5.00	-3.1282	2.3629	92.1485	76.7664	1.2004	1.1159	7.7005
-4.80	-2.9413	2.2928	76.9810	64.6228	1.1912	1.1195	7.5977
-4.60	-2.7524	2.2349	64.0334	54.0527	1.1846	1.1240	7.5161
-4.40	-2.5617	2.1873	53.1697	45.0610	1.1799	1.1294	7.4537
-4.20	-2.3695	2.1486	44.1989	37.5335	1.1776	1.1362	7.4095
-4.00	-2.1759	2.1171	36.8983	31.2946	1.1791	1.1443	7.3813
-3.80	-1.9812	2.0916	30.9604	26.1990	1.1817	1.1539	7.3673
-3.60	-1.7855	2.0710	26.1958	22.0591	1.1875	1.1650	7.3661
-3.40	-1.5890	2.0542	22.4426	18.7420	1.1974	1.1774	7.3750
-3.20	-1.3919	2.0404	19.4654	16.1332	1.2065	1.1909	7.3923
-3.00	-1.1944	2.0288	17.2245	14.1239	1.2195	1.2049	7.4145
-2.80	-0.9966	2.0186	15.5996	12.6657	1.2316	1.2185	7.4376
-2.60	-0.7986	2.0091	14.5808	11.7320	1.2428	1.2298	7.4542
-2.40	-0.6007	1.9994	14.1858	11.3385	1.2511	1.2367	7.4572
-2.20	-0.4031	1.9884	14.4813	11.5412	1.2547	1.2376	7.4392
-2.00	-0.2061	1.9747	15.5714	12.4253	1.2532	1.2321	7.3969
-1.80	-0.0101	1.9567	17.6038	14.0833	1.2500	1.2216	7.3316
-1.60	0.1845	1.9325	20.6062	16.5074	1.2483	1.2089	7.2484
-1.40	0.3772	1.9004	24.4409	19.5681	1.2490	1.1969	7.1523
-1.20	0.5677	1.8593	28.7050	22.8792	1.2546	1.1872	7.0456
-1.00	0.7558	1.8092	32.6737	25.8908	1.2620	1.1798	6.9284
-0.80	0.9418	1.7516	35.6060	28.0407	1.2698	1.1748	6.8029
-0.60	1.1261	1.6894	36.9788	28.9726	1.2763	1.1719	6.6727
-0.40	1.3094	1.6257	36.6544	28.6614	1.2789	1.1706	6.5420
-0.20	1.4925	1.5636	34.8947	27.3026	1.2781	1.1705	6.4156
0.0	1.6760	1.5053	32.1683	25.2393	1.2745	1.1718	6.2983
0.20	1.8604	1.4523	28.9529	22.8052	1.2696	1.1744	6.1933
0.40	2.0461	1.4054	25.6434	20.2789	1.2645	1.1784	6.1027
0.60	2.2334	1.3646	22.4914	17.8498	1.2600	1.1840	6.0280
0.80	2.4222	1.3300	19.6502	15.6341	1.2569	1.1918	5.9706
1.00	2.6128	1.3016	17.1899	13.6866	1.2560	1.2025	5.9329
1.20	2.8055	1.2798	15.1058	12.0221	1.2565	1.2169	5.9180
1.40	3.0006	1.2654	13.3795	10.6290	1.2588	1.2366	5.9321
1.60	3.1990	1.2608	11.9536	9.4772	1.2613	1.2635	5.9855
1.80	3.4020	1.2697	10.7856	8.5314	1.2642	1.3015	6.0961
2.00	3.6117	1.2983	9.8239	7.7554	1.2667	1.3537	6.2869
2.20	3.8308	1.3567	0.0	7.1155	0.0	0.0	0.0

T= 8700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9277	3.7063	0.0	93.2875	0.0	0.0	0.0
-6.80	-4.7405	3.5987	138.0135	114.3283	1.2072	1.1197	9.5746
-6.60	-4.5564	3.4693	161.4700	132.3042	1.2204	1.1152	9.3821
-6.40	-4.3751	3.3233	177.9613	144.1284	1.2347	1.1124	9.1708
-6.20	-4.1958	3.1683	184.6592	148.4517	1.2439	1.1107	8.9476
-6.00	-4.0177	3.0126	181.5545	145.5121	1.2477	1.1099	8.7218
-5.80	-3.8397	2.8634	170.5148	136.8781	1.2457	1.1098	8.5025
-5.60	-3.6611	2.7258	154.3214	124.5377	1.2392	1.1104	8.2981
-5.40	-3.4812	2.6030	135.7240	110.3638	1.2298	1.1115	8.1131
-5.20	-3.2994	2.4959	116.7814	95.8469	1.2184	1.1133	7.9507
-5.00	-3.1156	2.4044	98.9469	81.9671	1.2072	1.1157	7.8123
-4.80	-2.9297	2.3275	82.9951	69.3229	1.1972	1.1188	7.6969

T= 8700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.7418	2.2635	69.1824	58.1837	1.1890	1.1228	7.6038
-4.40	-2.5521	2.2107	57.5085	48.5947	1.1834	1.1279	7.5317
-4.20	-2.3606	2.1676	47.8178	40.4995	1.1807	1.1342	7.4787
-4.00	-2.1677	2.1326	39.8209	33.7722	1.1791	1.1415	7.4418
-3.80	-1.9735	2.1041	33.3542	28.2285	1.1816	1.1503	7.4207
-3.60	-1.7783	2.0811	28.1308	23.7113	1.1864	1.1607	7.4130
-3.40	-1.5822	2.0624	23.9490	20.0699	1.1933	1.1725	7.4170
-3.20	-1.3855	2.0471	20.6660	17.1769	1.2031	1.1855	7.4304
-3.00	-1.1882	2.0344	18.1326	14.9324	1.2143	1.1993	7.4503
-2.80	-0.9905	2.0234	16.2606	13.2528	1.2270	1.2131	7.4728
-2.60	-0.7927	2.0135	14.9990	12.1055	1.2390	1.2255	7.4926
-2.40	-0.5948	2.0037	14.3430	11.4903	1.2483	1.2343	7.5010
-2.20	-0.3971	1.9930	14.3578	11.4455	1.2544	1.2378	7.4918
-2.00	-0.1999	1.9802	15.1258	12.0443	1.2559	1.2349	7.4589
-1.80	-0.0035	1.9637	16.7624	13.3780	1.2530	1.2263	7.4017
-1.60	0.1916	1.9417	19.3677	15.4904	1.2503	1.2146	7.3248
-1.40	0.3849	1.9123	22.8632	18.2945	1.2497	1.2023	7.2324
-1.20	0.5762	1.8742	26.9628	21.4975	1.2542	1.1917	7.1281
-1.00	0.7651	1.8269	31.0167	24.5935	1.2612	1.1836	7.0138
-0.80	0.9517	1.7715	34.2937	27.0172	1.2693	1.1779	6.8901
-0.60	1.1365	1.7104	36.1655	28.3470	1.2758	1.1744	6.7599
-0.40	1.3200	1.6467	36.3909	28.4221	1.2804	1.1725	6.6277
-0.20	1.5030	1.5837	35.0852	27.3951	1.2807	1.1722	6.4987
0.0	1.6863	1.5239	32.6652	25.5603	1.2780	1.1731	6.3773
0.20	1.8704	1.4690	29.6140	23.2597	1.2732	1.1753	6.2674
0.40	2.0557	1.4200	26.3567	20.7870	1.2679	1.1790	6.1717
0.60	2.2424	1.3773	23.1925	18.3561	1.2635	1.1845	6.0921
0.80	2.4308	1.3409	20.2922	16.1080	1.2598	1.1920	6.0303
1.00	2.6209	1.3109	17.7551	14.1086	1.2585	1.2024	5.9883
1.20	2.8132	1.2877	15.5797	12.3862	1.2578	1.2165	5.9699
1.40	3.0080	1.2723	13.7682	10.9330	1.2593	1.2361	5.9817
1.60	3.2061	1.2668	12.2707	9.7264	1.2616	1.2629	6.0331
1.80	3.4089	1.2749	11.0422	8.7335	1.2643	1.3007	6.1422
2.00	3.6183	1.3030	10.0245	7.9169	1.2662	1.3530	6.3329
2.20	3.8371	1.3607	0.0	7.2451	0.0	0.0	0.0

T= 8800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9175	3.7515	0.0	80.7870	0.0	0.0	0.0
-6.80	-4.7287	3.6559	122.2170	101.7651	1.2010	1.1245	9.7264
-6.60	-4.5430	3.5371	147.3468	121.2353	1.2154	1.1187	9.5423
-6.40	-4.3604	3.3986	157.3550	136.1725	1.2290	1.1150	9.3380
-6.20	-4.1802	3.2471	178.9496	144.1291	1.2416	1.1127	9.1185
-6.00	-4.0016	3.0908	180.6814	144.7341	1.2484	1.1116	8.8916
-5.80	-3.8237	2.9376	173.4512	138.8729	1.2490	1.1111	8.6654
-5.60	-3.6455	2.7937	159.7822	128.3994	1.2444	1.1113	8.4524
-5.40	-3.4663	2.6632	142.4234	115.2259	1.2360	1.1121	8.2557
-5.20	-3.2854	2.5481	123.8457	101.0552	1.2255	1.1136	8.0808
-5.00	-3.1027	2.4488	105.7290	87.0697	1.2143	1.1157	7.9291
-4.80	-2.9179	2.3647	89.1216	74.0365	1.2038	1.1184	7.8013
-4.60	-2.7310	2.2943	74.5021	62.3865	1.1942	1.1221	7.6968
-4.40	-2.5422	2.2361	62.0368	52.2450	1.1874	1.1267	7.6142
-4.20	-2.3515	2.1884	51.5616	43.6002	1.1826	1.1323	7.5511
-4.00	-2.1593	2.1494	42.9407	36.3595	1.1810	1.1391	7.5062

T= 8800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-1.9658	2.1178	35.8813	30.3628	1.1818	1.1473	7.4775
-3.60	-1.7711	2.0921	30.1812	25.4562	1.1856	1.1569	7.4631
-3.40	-1.5754	2.0713	25.6005	21.4868	1.1915	1.1681	7.4617
-3.20	-1.3790	2.0544	21.9811	18.3113	1.2004	1.1807	7.4711
-3.00	-1.1820	2.0404	19.1449	15.8131	1.2107	1.1941	7.4879
-2.80	-0.9845	2.0285	17.0094	13.9133	1.2225	1.2079	7.5090
-2.60	-0.7867	2.0180	15.4884	12.5569	1.2335	1.2209	7.5297
-2.40	-0.5889	2.0080	14.5899	11.7308	1.2437	1.2312	7.5425
-2.20	-0.3912	1.9975	14.3418	11.4587	1.2516	1.2369	7.5404
-2.00	-0.1939	1.9854	14.8153	11.8033	1.2552	1.2364	7.5160
-1.80	0.0028	1.9702	16.1075	12.8482	1.2537	1.2297	7.4668
-1.60	0.1984	1.9500	18.3501	14.6592	1.2518	1.2192	7.3966
-1.40	0.3923	1.9231	21.5096	17.1978	1.2507	1.2073	7.3094
-1.20	0.5843	1.8879	25.3935	20.2563	1.2536	1.1960	7.2081
-1.00	0.7740	1.8434	29.4690	23.3959	1.2596	1.1872	7.0966
-0.80	0.9613	1.7904	33.0322	26.0496	1.2680	1.1809	5.9751
-0.60	1.1466	1.7307	35.3626	27.7247	1.2755	1.1767	6.8457
-0.40	1.3304	1.6675	36.1052	28.1977	1.2804	1.1742	6.7126
-0.20	1.5135	1.6039	35.2815	27.5084	1.2826	1.1735	6.5812
0.0	1.6966	1.5427	33.1869	25.9178	1.2805	1.1741	6.4560
0.20	1.8804	1.4860	30.3310	23.7642	1.2763	1.1760	6.3414
0.40	2.0652	1.4351	27.1444	21.3546	1.2711	1.1793	6.2406
0.60	2.2515	1.3904	23.9634	18.9278	1.2660	1.1844	6.1558
0.80	2.4394	1.3522	21.0048	16.6409	1.2622	1.1916	6.0891
1.00	2.6291	1.3206	18.3689	14.5851	1.2594	1.2016	6.0428
1.20	2.8209	1.2960	16.1122	12.7966	1.2591	1.2155	6.0207
1.40	3.0154	1.2794	14.2058	11.2778	1.2596	1.2347	6.0292
1.60	3.2132	1.2730	12.6294	10.0087	1.2619	1.2614	6.0788
1.80	3.4157	1.2804	11.3185	8.9601	1.2632	1.2988	6.1859
2.00	3.6249	1.3078	10.2491	8.0973	1.2657	1.3512	6.3767
2.20	3.8434	1.3649	0.0	7.3869	0.0	0.0	0.0

T= 8900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9081	3.7900	0.0	69.4352	0.0	0.0	0.0
-6.80	-4.7178	3.7060	106.9805	89.5623	1.1945	1.1300	9.8724
-6.60	-4.5306	3.5984	132.7429	109.7409	1.2096	1.1228	9.6968
-6.40	-4.3465	3.4690	155.3335	126.8859	1.2242	1.1180	9.5006
-6.20	-4.1652	3.3230	171.0409	138.1858	1.2378	1.1150	9.2862
-6.00	-3.9860	3.1680	177.4559	142.3179	1.2469	1.1133	9.0599
-5.80	-3.8078	3.0124	174.5012	139.5111	1.2508	1.1125	8.8315
-5.60	-3.6299	2.8633	163.8873	131.2580	1.2486	1.1124	8.6099
-5.40	-3.4513	2.7258	148.3708	119.4682	1.2419	1.1129	8.4025
-5.20	-3.2713	2.6030	130.5347	105.9090	1.2325	1.1141	8.2153
-5.00	-3.0895	2.4960	112.3901	92.0213	1.2213	1.1158	8.0509
-4.80	-2.9057	2.4045	95.3098	78.7370	1.2105	1.1183	7.9109
-4.60	-2.7199	2.3275	79.9968	66.6472	1.2003	1.1216	7.7947
-4.40	-2.5320	2.2635	66.7312	55.9831	1.1920	1.1257	7.7008
-4.20	-2.3422	2.2108	55.5195	46.8096	1.1861	1.1308	7.6278
-4.00	-2.1508	2.1677	46.2255	39.0606	1.1834	1.1372	7.5744
-3.80	-1.9578	2.1326	38.5754	32.6082	1.1830	1.1448	7.5380
-3.60	-1.7637	2.1041	32.3507	27.3009	1.1850	1.1538	7.5169
-3.40	-1.5685	2.0810	27.3579	22.9785	1.1906	1.1642	7.5091
-3.20	-1.3724	2.0622	23.3789	19.5098	1.1983	1.1761	7.5131

T= 8900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-1.1757	2.0468	20.2364	16.7594	1.2075	1.1893	7.5268
-2.80	-0.9784	2.0339	17.8389	14.6324	1.2191	1.2028	7.5458
-2.60	-0.7808	2.0227	16.0846	13.0690	1.2307	1.2160	7.5660
-2.40	-0.5830	2.0123	14.9401	12.0362	1.2413	1.2275	7.5821
-2.20	-0.3853	2.0019	14.4257	11.5449	1.2495	1.2351	7.5859
-2.00	-0.1878	1.9903	14.6067	11.6435	1.2545	1.2371	7.5700
-1.80	0.0090	1.9761	15.5728	12.4059	1.2553	1.2330	7.5301
-1.60	0.2050	1.9576	17.4467	13.9079	1.2544	1.2237	7.4667
-1.40	0.3995	1.9329	20.2525	16.1598	1.2533	1.2122	7.3845
-1.20	0.5921	1.9004	23.8374	19.0177	1.2534	1.2008	7.2877
-1.00	0.7825	1.8588	27.8356	22.1046	1.2593	1.1912	7.1786
-0.80	0.9705	1.8083	31.5605	24.8996	1.2675	1.1840	7.0591
-0.60	1.1564	1.7504	34.2799	26.8817	1.2752	1.1792	6.9310
-0.40	1.3406	1.6879	35.5088	27.7121	1.2813	1.1763	6.7976
-0.20	1.5238	1.6240	35.1466	27.3765	1.2838	1.1751	6.6644
0.0	1.7068	1.5617	33.4460	26.0612	1.2834	1.1752	6.5356
0.20	1.8903	1.5034	30.8287	24.0888	1.2798	1.1768	6.4166
0.40	2.0748	1.4505	27.7617	21.7771	1.2743	1.1797	6.3107
0.60	2.2606	1.4038	24.6091	19.3835	1.2696	1.1844	6.2207
0.80	2.4480	1.3638	21.6185	17.0860	1.2653	1.1912	6.1488
1.00	2.6373	1.3305	18.9247	14.9912	1.2624	1.2008	6.0979
1.20	2.8287	1.3045	16.5867	13.1516	1.2612	1.2144	6.0720
1.40	3.0227	1.2868	14.5996	11.5773	1.2611	1.2332	6.0772
1.60	3.2202	1.2793	12.9470	10.2558	1.2624	1.2597	6.1243
1.80	3.4224	1.2859	11.5761	9.1585	1.2640	1.2969	6.2301
2.00	3.6314	1.3126	10.4410	8.2526	1.2652	1.3489	6.4193
2.20	3.8497	1.3692	0.0	7.5076	0.0	0.0	0.0

T= 9000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8996	3.8225	0.0	59.4403	0.0	0.0	0.0
-6.80	-4.7079	3.7494	0.0	78.0970	0.0	1.1364	10.0140
-6.60	-4.5192	3.6532	118.3955	98.2266	1.2053	1.1274	9.8454
-6.40	-4.3336	3.5339	142.4047	116.8235	1.2190	1.1213	9.6571
-6.20	-4.1510	3.3951	161.3630	130.9384	1.2324	1.1176	9.4499
-6.00	-3.9709	3.2434	172.2138	138.4376	1.2440	1.1153	9.2267
-5.80	-3.7923	3.0872	173.7116	138.8425	1.2511	1.1140	8.9966
-5.60	-3.6144	2.9342	166.6247	133.1308	1.2516	1.1136	8.7693
-5.40	-3.4362	2.7906	153.3900	123.0251	1.2468	1.1139	8.5530
-5.20	-3.2569	2.6605	136.7352	110.3852	1.2387	1.1147	8.3544
-5.00	-3.0761	2.5458	118.8888	96.8041	1.2281	1.1161	8.1774
-4.80	-2.8933	2.4469	101.4987	83.4270	1.2166	1.1183	8.0249
-4.60	-2.7084	2.3631	85.6062	70.9754	1.2061	1.1212	7.8966
-4.40	-2.5215	2.2930	71.6276	59.8273	1.1972	1.1249	7.7915
-4.20	-2.3326	2.2350	59.6970	50.1388	1.1906	1.1296	7.7085
-4.00	-2.1420	2.1875	49.6783	41.8900	1.1859	1.1354	7.6455
-3.80	-1.9497	2.1487	41.4234	34.9783	1.1843	1.1425	7.6008
-3.60	-1.7561	2.1171	34.6807	29.2585	1.1853	1.1508	7.5723
-3.40	-1.5614	2.0916	29.2240	24.5869	1.1886	1.1606	7.5583
-3.20	-1.3658	2.0708	24.8549	20.8032	1.1948	1.1718	7.5569
-3.00	-1.1693	2.0538	21.3945	17.7878	1.2028	1.1844	7.5663
-2.80	-0.9723	2.0397	18.7356	15.4237	1.2147	1.1977	7.5827
-2.60	-0.7749	2.0277	16.7424	13.6503	1.2265	1.2112	7.6025
-2.40	-0.5772	2.0168	15.3638	12.4166	1.2374	1.2234	7.6205

T= 9000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.3795	2.0063	14.6171	11.7155	1.2477	1.2325	7.6290
-2.00	-0.1820	1.9949	14.5208	11.5836	1.2536	1.2371	7.6211
-1.80	0.0151	1.9815	15.1738	12.0862	1.2555	1.2353	7.5901
-1.60	0.2113	1.9644	16.6908	13.3009	1.2549	1.2279	7.5345
-1.40	0.4063	1.9418	19.1462	15.2686	1.2540	1.2169	7.4574
-1.20	0.5995	1.9118	22.4422	17.8835	1.2549	1.2057	7.3652
-1.00	0.7906	1.8730	26.2960	20.8826	1.2592	1.1954	7.2591
-0.80	0.9794	1.8251	30.0863	23.7660	1.2659	1.1875	7.1422
-0.60	1.1659	1.7692	33.1337	25.9946	1.2746	1.1820	7.0154
-0.40	1.3505	1.7077	34.8193	27.1710	1.2815	1.1786	6.8826
-0.20	1.5339	1.6438	34.9352	27.1770	1.2855	1.1769	6.7476
0.0	1.7169	1.5806	33.6376	26.1549	1.2861	1.1766	6.6159
0.20	1.9002	1.5208	31.2911	24.3837	1.2833	1.1778	6.4929
0.40	2.0843	1.4662	28.3560	22.1875	1.2785	1.1805	6.3823
0.60	2.2697	1.4176	25.2541	19.8403	1.2734	1.1849	6.2874
0.80	2.4566	1.3757	22.2548	17.5418	1.2687	1.1914	6.2109
1.00	2.6455	1.3408	19.5061	15.4181	1.2651	1.2008	6.1557
1.20	2.8365	1.3133	17.0862	13.5313	1.2627	1.2139	6.1254
1.40	3.0301	1.2944	15.0322	11.9049	1.2627	1.2324	6.1270
1.60	3.2273	1.2859	13.3005	10.5293	1.2632	1.2586	6.1717
1.80	3.4292	1.2916	11.8675	9.3832	1.2648	1.2955	6.2754
2.00	3.6379	1.3176	10.6748	8.4342	1.2657	1.3472	6.4635
2.20	3.8559	1.3735	0.0	7.6525	0.0	0.0	0.0

T= 9100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8917	3.8496	0.0	50.7133	0.0	0.0	0.0
-6.80	-4.6988	3.7866	80.9504	67.7106	1.1955	1.1439	10.1527
-6.60	-4.5087	3.7015	104.4864	87.0038	1.2009	1.1327	9.9887
-6.40	-4.3217	3.5929	128.9575	106.2735	1.2134	1.1253	9.8088
-6.20	-4.1377	3.4627	150.3940	122.5035	1.2277	1.1205	9.6089
-6.00	-3.9565	3.3162	155.1473	133.0507	1.2412	1.1175	9.3907
-5.80	-3.7773	3.1611	170.8411	136.7061	1.2497	1.1158	9.1615
-5.60	-3.5991	3.0057	167.6732	133.7653	1.2535	1.1149	8.9301
-5.40	-3.4212	2.8571	157.2384	125.6632	1.2513	1.1148	8.7060
-5.20	-3.2425	2.7203	142.1785	114.2692	1.2442	1.1154	8.4972
-5.00	-3.0624	2.5982	125.0057	101.2472	1.2347	1.1166	8.3090
-4.80	-2.8806	2.4918	107.5889	87.9450	1.2234	1.1185	8.1438
-4.60	-2.6967	2.4010	91.2418	75.2686	1.2122	1.1210	8.0030
-4.40	-2.5107	2.3246	76.6376	63.7197	1.2027	1.1244	7.8867
-4.20	-2.3228	2.2611	63.9872	53.5516	1.1949	1.1287	7.7931
-4.00	-2.1329	2.2088	53.2971	44.8139	1.1893	1.1340	7.7204
-3.80	-1.9414	2.1661	44.3994	37.4402	1.1859	1.1404	7.6670
-3.60	-1.7485	2.1313	37.1299	31.3072	1.1860	1.1482	7.6309
-3.40	-1.5543	2.1030	31.2256	26.2616	1.1890	1.1575	7.6108
-3.20	-1.3590	2.0801	26.4511	22.1652	1.1934	1.1681	7.6037
-3.00	-1.1629	2.0614	22.6730	18.8751	1.2011	1.1800	7.6081
-2.80	-0.9662	2.0459	19.7091	16.2786	1.2107	1.1930	7.6212
-2.60	-0.7690	2.0329	17.4608	14.2911	1.2218	1.2066	7.6399
-2.40	-0.5714	2.0214	15.8637	12.8594	1.2336	1.2194	7.6587
-2.20	-0.3738	2.0106	14.8746	11.9595	1.2438	1.2299	7.6709
-2.00	-0.1762	1.9994	14.5473	11.6140	1.2526	1.2361	7.6689
-1.80	0.0210	1.9866	14.9262	11.8764	1.2568	1.2368	7.6464
-1.60	0.2175	1.9707	16.1099	12.8223	1.2564	1.2313	7.5987

T= 9100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.4129	1.9499	18.1876	14.5067	1.2537	1.2215	7.5285
-1.20	0.6067	1.9222	21.1978	16.8855	1.2554	1.2103	7.4405
-1.00	0.7985	1.8861	24.8544	19.7407	1.2590	1.1998	7.3335
-0.80	0.9879	1.8409	28.6703	22.6484	1.2659	1.1912	7.2239
-0.60	1.1751	1.7872	31.9473	25.0747	1.2741	1.1851	7.0992
-0.40	1.3602	1.7270	34.0545	26.5659	1.2819	1.1810	6.9668
-0.20	1.5439	1.6634	34.6297	26.9218	1.2863	1.1788	6.8309
0.0	1.7269	1.5996	33.7326	26.1937	1.2878	1.1782	6.6971
0.20	1.9100	1.5386	31.6915	24.6410	1.2861	1.1791	6.5703
0.40	2.0938	1.4822	28.9319	22.5771	1.2815	1.1814	6.4551
0.60	2.2788	1.4318	25.9066	20.2902	1.2768	1.1855	6.3555
0.80	2.4653	1.3881	22.8867	18.0017	1.2714	1.1917	6.2739
1.00	2.6537	1.3514	20.0945	15.8504	1.2678	1.2008	6.2142
1.20	2.8443	1.3225	17.6109	13.9192	1.2652	1.2136	6.1800
1.40	3.0376	1.3022	15.4702	12.2402	1.2639	1.2317	6.1781
1.60	3.2344	1.2927	13.6659	10.8132	1.2638	1.2576	6.2197
1.80	3.4360	1.2975	12.1623	9.6164	1.2647	1.2942	6.3212
2.00	3.6444	1.3227	10.9127	8.6245	1.2653	1.3457	6.5084
2.20	3.8621	1.3780	0.0	7.8062	0.0	0.0	0.0

T= 9200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9844	3.8722	0.0	43.2367	0.0	0.0	0.0
-6.80	-4.6905	3.8182	69.8356	58.3614	1.1966	1.1528	10.2904
-6.60	-4.4991	3.7437	91.7041	76.3560	1.2010	1.1390	10.1285
-6.40	-4.3105	3.6460	115.6571	95.6194	1.2096	1.1299	9.9555
-6.20	-4.1252	3.5253	138.5491	113.2513	1.2234	1.1239	9.7633
-6.00	-3.9427	3.3855	156.2966	126.3853	1.2367	1.1200	9.5511
-5.80	-3.7627	3.2334	166.1178	133.1322	1.2478	1.1178	9.3246
-5.60	-3.5842	3.0772	156.9413	133.1275	1.2540	1.1165	9.0915
-5.40	-3.4063	2.9247	159.7001	127.3395	1.2541	1.1160	8.8616
-5.20	-3.2280	2.7819	146.7313	117.4569	1.2492	1.1163	8.6438
-5.00	-3.0486	2.6528	130.6146	105.2580	1.2409	1.1173	8.4443
-4.80	-2.8677	2.5391	113.4808	92.2384	1.2303	1.1188	8.2672
-4.60	-2.6847	2.4412	96.9028	79.4559	1.2196	1.1211	8.1144
-4.40	-2.4997	2.3584	81.6974	67.5977	1.2086	1.1241	7.9860
-4.20	-2.3127	2.2891	68.3797	57.0067	1.1995	1.1279	7.8814
-4.00	-2.1237	2.2318	57.0344	47.8080	1.1930	1.1328	7.7988
-3.80	-1.9329	2.1848	47.5357	39.9791	1.1890	1.1388	7.7367
-3.60	-1.7406	2.1465	39.6950	33.4327	1.1873	1.1460	7.6930
-3.40	-1.5470	2.1154	33.3018	28.0176	1.1886	1.1547	7.6657
-3.20	-1.3522	2.0901	28.1522	23.5965	1.1931	1.1647	7.6528
-3.00	-1.1565	2.0695	24.0146	20.0245	1.1993	1.1760	7.6518
-2.80	-0.9600	2.0526	20.7665	17.1873	1.2082	1.1885	7.6609
-2.60	-0.7630	2.0385	18.2643	14.9863	1.2187	1.2020	7.6778
-2.40	-0.5657	2.0263	16.4305	13.3540	1.2304	1.2150	7.6961
-2.20	-0.3681	2.0150	15.2174	12.2602	1.2412	1.2266	7.7111
-2.00	-0.1705	2.0038	14.6338	11.7067	1.2500	1.2345	7.7145
-1.80	0.0268	1.9915	14.7432	11.7367	1.2562	1.2372	7.6992
-1.60	0.2235	1.9765	15.6282	12.4188	1.2584	1.2341	7.6603
-1.40	0.4193	1.9572	17.3666	13.8154	1.2570	1.2258	7.5972
-1.20	0.6136	1.9317	20.0042	15.9209	1.2565	1.2151	7.5144
-1.00	0.8060	1.8982	23.3936	18.5883	1.2585	1.2044	7.4163
-0.80	0.9961	1.8556	27.1312	21.4555	1.2645	1.1952	7.3045

T= 9200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	1.1839	1.8042	30.5563	24.0029	1.2730	1.1883	7.1818
-0.40	1.3696	1.7455	32.9967	25.7494	1.2815	1.1837	7.0505
-0.20	1.5536	1.6825	34.0146	26.4248	1.2872	1.1810	6.9142
0.0	1.7367	1.6185	33.5387	26.0027	1.2898	1.1799	6.7780
0.20	1.9197	1.5563	31.8338	24.6929	1.2892	1.1804	6.6480
0.40	2.1033	1.4984	29.3051	22.7924	1.2857	1.1824	6.5286
0.60	2.2879	1.4462	26.3657	20.5961	1.2801	1.1862	6.4243
0.80	2.4740	1.4006	23.3933	18.3410	1.2755	1.1921	6.3379
1.00	2.6619	1.3623	20.5729	16.1869	1.2710	1.2007	6.2730
1.20	2.8521	1.3318	18.0407	14.2312	1.2677	1.2131	6.2345
1.40	3.0450	1.3102	15.8440	12.5140	1.2661	1.2309	6.2290
1.60	3.2414	1.2996	13.9772	11.0442	1.2656	1.2564	6.2675
1.80	3.4427	1.3035	12.4121	9.8080	1.2655	1.2927	6.3669
2.00	3.6508	1.3280	11.1085	8.7776	1.2656	1.3438	6.5523
2.20	3.8683	1.3826	0.0	7.9282	0.0	0.0	0.0

T= 9300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8776	3.8910	0.0	36.9511	0.0	0.0	0.0
-6.80	-4.6828	3.8449	60.2297	50.2068	1.1996	1.1630	10.4282
-6.60	-4.4902	3.7801	79.9911	66.7428	1.1985	1.1464	10.2657
-6.40	-4.3003	3.6930	102.9792	85.3151	1.2070	1.1352	10.0973
-6.20	-4.1135	3.5825	126.2657	103.6376	1.2183	1.1277	9.9122
-6.00	-3.9298	3.4507	146.4451	118.8270	1.2324	1.1229	9.7076
-5.80	-3.7487	3.3032	159.8526	128.4265	1.2447	1.1199	9.4849
-5.60	-3.5696	3.1479	164.6274	131.3661	1.2532	1.1181	9.2520
-5.40	-3.3916	2.9929	160.9169	128.0851	1.2563	1.1174	9.0183
-5.20	-3.2136	2.8452	150.4001	120.0028	1.2533	1.1174	8.7928
-5.00	-3.0348	2.7095	135.6900	108.8893	1.2461	1.1180	8.5831
-4.80	-2.8546	2.5888	119.1138	96.3345	1.2365	1.1193	8.3943
-4.60	-2.6725	2.4838	102.4359	83.6024	1.2253	1.1213	8.2298
-4.40	-2.4885	2.3942	86.8749	71.5111	1.2148	1.1239	8.0895
-4.20	-2.3024	2.3190	72.9523	60.5526	1.2048	1.1273	7.9736
-4.00	-2.1142	2.2565	60.9547	50.9092	1.1973	1.1318	7.8809
-3.80	-1.9242	2.2050	50.8204	42.6294	1.1921	1.1373	7.8095
-3.60	-1.7326	2.1629	42.4148	35.6606	1.1894	1.1441	7.7576
-3.40	-1.5395	2.1287	35.5250	29.8696	1.1893	1.1520	7.7225
-3.20	-1.3453	2.1009	29.9365	25.1122	1.1921	1.1615	7.7034
-3.00	-1.1500	2.0783	25.4554	21.2585	1.1974	1.1723	7.6974
-2.80	-0.9538	2.0598	21.9128	18.1646	1.2064	1.1844	7.7024
-2.60	-0.7571	2.0444	19.1423	15.7469	1.2156	1.1975	7.7161
-2.40	-0.5599	2.0313	17.0633	13.9153	1.2262	1.2105	7.7331
-2.20	-0.3624	2.0196	15.6388	12.6337	1.2379	1.2227	7.7494
-2.00	-0.1648	2.0082	14.8261	11.8838	1.2476	1.2323	7.7577
-1.80	0.0325	1.9961	14.6787	11.7025	1.2543	1.2369	7.7487
-1.60	0.2294	1.9819	15.2774	12.1450	1.2579	1.2358	7.7179
-1.40	0.4255	1.9639	16.7217	13.2821	1.2590	1.2294	7.6628
-1.20	0.6202	1.9403	19.0576	15.1403	1.2587	1.2193	7.5851
-1.00	0.8132	1.9092	22.1556	17.6015	1.2587	1.2086	7.4910
-0.80	1.0040	1.8692	25.7753	20.3813	1.2647	1.1991	7.3829
-0.60	1.1924	1.8202	29.2899	23.0147	1.2727	1.1916	7.2627
-0.40	1.3787	1.7633	32.0243	25.0037	1.2808	1.1864	7.1328
-0.20	1.5631	1.7012	33.4525	25.9729	1.2880	1.1831	6.9964
0.0	1.7464	1.6371	33.3879	25.8540	1.2914	1.1817	6.8590

T= 9300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.9293	1.5740	32.0166	24.7896	1.2915	1.1819	6.7261
0.40	2.1127	1.5147	29.7213	23.0562	1.2891	1.1835	6.6028
0.60	2.2969	1.4608	26.8997	20.9561	1.2836	1.1868	6.4934
0.80	2.4826	1.4135	23.9557	18.7367	1.2785	1.1924	6.4023
1.00	2.6701	1.3734	21.1176	16.5788	1.2738	1.2007	6.3330
1.20	2.8599	1.3414	18.5373	14.5927	1.2703	1.2128	6.2900
1.40	3.0524	1.3185	16.2743	12.8348	1.2680	1.2305	6.2812
1.60	3.2485	1.3067	14.3348	11.3186	1.2665	1.2555	6.3164
1.80	3.4495	1.3096	12.7083	10.0348	1.2664	1.2916	6.4138
2.00	3.6573	1.3333	11.3496	8.9633	1.2662	1.3425	6.5977
2.20	3.8745	1.3872	0.0	8.0774	0.0	0.0	0.0

T= 9400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8712	3.9064	0.0	31.6593	0.0	0.0	0.0
-6.80	-4.6756	3.8673	52.0368	43.1711	1.2054	1.1749	10.5683
-6.60	-4.4819	3.8113	69.5504	57.9942	1.1993	1.1547	10.4010
-6.40	-4.2908	3.7345	90.9240	75.5361	1.2037	1.1412	10.2350
-6.20	-4.1026	3.6343	113.9535	93.9267	1.2132	1.1320	10.0563
-6.00	-3.9175	3.5114	135.6395	110.5046	1.2275	1.1262	9.8595
-5.80	-3.7354	3.3701	152.0385	122.5196	1.2409	1.1224	9.6425
-5.60	-3.5555	3.2172	160.5856	128.3236	1.2514	1.1201	9.4116
-5.40	-3.3771	3.0612	160.5085	127.6997	1.2569	1.1189	9.1758
-5.20	-3.1992	2.9095	152.9191	121.6562	1.2570	1.1186	8.9443
-5.00	-3.0208	2.7681	139.9717	111.8826	1.2511	1.1189	8.7253
-4.80	-2.8413	2.6405	124.2853	100.0566	1.2421	1.1199	8.5256
-4.60	-2.6601	2.5285	107.8342	87.5339	1.2319	1.1216	8.3491
-4.40	-2.4770	2.4322	91.9700	75.3478	1.2206	1.1239	8.1971
-4.20	-2.2918	2.3508	77.5408	64.0686	1.2103	1.1270	8.0699
-4.00	-2.1045	2.2828	64.9178	54.0468	1.2011	1.1311	7.9669
-3.80	-1.9154	2.2266	54.1992	45.3508	1.1951	1.1362	7.8860
-3.60	-1.7244	2.1806	45.2555	37.9537	1.1924	1.1424	7.8251
-3.40	-1.5320	2.1430	37.8466	31.7867	1.1906	1.1499	7.7829
-3.20	-1.3382	2.1125	31.8186	26.6998	1.1917	1.1586	7.7567
-3.00	-1.1433	2.0877	26.9865	22.5423	1.1971	1.1689	7.7452
-2.80	-0.9476	2.0675	23.1091	19.2061	1.2032	1.1805	7.7457
-2.60	-0.7511	2.0508	20.0916	16.5598	1.2133	1.1931	7.7554
-2.40	-0.5541	2.0367	17.7762	14.5308	1.2233	1.2062	7.7710
-2.20	-0.3567	2.0243	16.1234	13.0610	1.2345	1.2190	7.7881
-2.00	-0.1592	2.0126	15.1020	12.1281	1.2452	1.2294	7.7987
-1.80	0.0381	2.0006	14.7307	11.7501	1.2537	1.2358	7.7959
-1.60	0.2352	1.9870	15.0523	11.9769	1.2568	1.2369	7.7725
-1.40	0.4315	1.9702	16.2056	12.8758	1.2586	1.2324	7.7253
-1.20	0.6266	1.9482	18.2415	14.4873	1.2591	1.2231	7.6533
-1.00	0.8201	1.9193	21.1109	16.7628	1.2594	1.2125	7.5633
-0.80	1.0116	1.8819	24.5725	19.4415	1.2639	1.2027	7.4590
-0.60	1.2007	1.8353	28.1569	22.1307	1.2723	1.1947	7.3415
-0.40	1.3875	1.7804	31.1129	24.3076	1.2800	1.1888	7.2130
-0.20	1.5724	1.7195	32.9190	25.5685	1.2875	1.1851	7.0773
0.0	1.7559	1.6555	33.2717	25.7534	1.2919	1.1832	6.9389
0.20	1.9389	1.5918	32.2502	24.9403	1.2931	1.1830	6.8035
0.40	2.1220	1.5312	30.1860	23.3839	1.2909	1.1844	6.5767
0.60	2.3060	1.4757	27.5197	21.3833	1.2870	1.1874	6.5630
0.80	2.4913	1.4266	24.5911	19.1999	1.2808	1.1926	6.4669

T= 9400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.6784	1.3849	21.7393	17.0351	1.2761	1.2006	6.3931
1.20	2.8677	1.3513	19.0954	15.0148	1.2718	1.2124	6.3460
1.40	3.0598	1.3270	16.7595	13.2085	1.2688	1.2298	6.3335
1.60	3.2556	1.3140	14.7481	11.6383	1.2672	1.2546	6.3657
1.80	3.4562	1.3160	13.0493	10.3021	1.2667	1.2902	6.4603
2.00	3.6637	1.3388	11.6261	9.1816	1.2662	1.3407	6.6424
2.20	3.8806	1.3919	0.0	8.2538	0.0	0.0	0.0

T= 9500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8652	3.9191	0.0	27.2969	0.0	0.0	0.0
-6.80	-4.6689	3.8860	45.1198	37.1411	1.2148	1.1891	10.7096
-6.60	-4.4743	3.8379	60.5618	50.2773	1.2046	1.1645	10.5367
-6.40	-4.2820	3.7705	79.9083	66.4357	1.2028	1.1481	10.3702
-6.20	-4.0925	3.6806	102.1666	84.3790	1.2108	1.1371	10.1968
-6.00	-3.9061	3.5673	124.4304	101.7604	1.2228	1.1299	10.0064
-5.80	-3.7227	3.4333	143.1502	115.7276	1.2370	1.1251	9.7960
-5.60	-3.5420	3.2845	155.0847	124.1851	1.2488	1.1223	9.5695
-5.40	-3.3630	3.1288	158.6259	126.2381	1.2566	1.1205	9.3330
-5.20	-3.1850	2.9745	154.1657	122.4476	1.2590	1.1199	9.0969
-5.00	-3.0069	2.8280	143.4947	114.2683	1.2558	1.1199	8.8701
-4.80	-2.8280	2.6942	128.9896	103.3629	1.2479	1.1206	8.6604
-4.60	-2.6476	2.5753	112.9505	91.2521	1.2378	1.1219	8.4722
-4.40	-2.4653	2.4722	97.0030	79.0829	1.2266	1.1240	8.3087
-4.20	-2.2810	2.3845	82.2231	67.6041	1.2162	1.1270	8.1705
-4.00	-2.0946	2.3109	69.0432	57.2056	1.2069	1.1306	8.0564
-3.80	-1.9063	2.2498	57.7341	48.1142	1.1999	1.1353	7.9656
-3.60	-1.7161	2.1995	48.1648	40.3280	1.1943	1.1410	7.8959
-3.40	-1.5243	2.1585	40.2805	33.7758	1.1926	1.1480	7.8459
-3.20	-1.3311	2.1250	33.8115	28.3443	1.1929	1.1563	7.8129
-3.00	-1.1366	2.0978	28.5906	23.8902	1.1968	1.1660	7.7954
-2.80	-0.9413	2.0757	24.3883	20.2955	1.2017	1.1771	7.7907
-2.60	-0.7451	2.0575	21.0869	17.4187	1.2106	1.1891	7.7961
-2.40	-0.5483	2.0423	18.5453	15.1922	1.2207	1.2022	7.8098
-2.20	-0.3511	2.0292	16.6629	13.5357	1.2310	1.2151	7.8264
-2.00	-0.1537	2.0171	15.4240	12.4214	1.2417	1.2262	7.8387
-1.80	0.0437	2.0051	14.8150	11.8536	1.2498	1.2343	7.8410
-1.60	0.2408	1.9919	14.9165	11.8682	1.2568	1.2374	7.8249
-1.40	0.4374	1.9760	15.7823	12.5280	1.2598	1.2346	7.7849
-1.20	0.6328	1.9555	17.4872	13.8909	1.2589	1.2270	7.7206
-1.00	0.8268	1.9287	20.1001	15.9352	1.2614	1.2168	7.6356
-0.80	1.0189	1.8937	23.3527	18.4720	1.2642	1.2065	7.5340
-0.60	1.2087	1.8496	26.8675	21.1508	1.2703	1.1979	7.4190
-0.40	1.3961	1.7968	30.0334	23.4743	1.2794	1.1917	7.2933
-0.20	1.5814	1.7372	32.1665	24.9807	1.2877	1.1874	7.1586
0.0	1.7652	1.6737	32.9086	25.4609	1.2925	1.1850	7.0193
0.20	1.9483	1.6096	32.2547	24.9141	1.2946	1.1842	6.8813
0.40	2.1313	1.5479	30.4705	23.5571	1.2935	1.1852	6.7511
0.60	2.3150	1.4909	27.9722	21.6814	1.2901	1.1881	6.6336
0.80	2.5000	1.4401	25.1352	19.5648	1.2847	1.1931	6.5332
1.00	2.6867	1.3967	22.2722	17.4142	1.2790	1.2007	6.4544
1.20	2.8756	1.3615	19.5978	15.3762	1.2745	1.2122	6.4031
1.40	3.0673	1.3357	17.2043	13.5336	1.2712	1.2289	6.3858
1.60	3.2627	1.3215	15.1281	11.9201	1.2691	1.2536	6.4152

T= 9500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.4630	1.3225	13.3598	10.5400	1.2675	1.2887	6.5069
2.00	3.6701	1.3444	11.8736	9.3763	1.2663	1.3390	6.6872
2.20	3.8867	1.3968	0.0	8.4106	0.0	0.0	0.0

T= 9600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8595	3.9296	0.0	23.6855	0.0	0.0	0.0
-6.80	-4.6626	3.9016	39.3033	32.0661	1.2257	1.2028	10.8541
-6.60	-4.4572	3.8604	52.6643	43.5421	1.2095	1.1754	10.5728
-6.40	-4.2739	3.8017	70.1033	58.2177	1.2042	1.1560	10.5035
-6.20	-4.0831	3.7216	90.9583	75.3115	1.2078	1.1429	10.3335
-6.00	-3.8954	3.6182	113.1722	92.8952	1.2183	1.1340	10.1490
-5.80	-3.7107	3.4924	133.5238	108.3535	1.2323	1.1283	9.9460
-5.60	-3.5289	3.3491	148.3618	119.1058	1.2456	1.1246	9.7238
-5.40	-3.3493	3.1954	155.3920	123.7922	1.2553	1.1224	9.4887
-5.20	-3.1711	3.0396	154.1704	122.3828	1.2597	1.1213	9.2499
-5.00	-2.9931	2.8891	146.0406	116.0016	1.2590	1.1210	9.0170
-4.80	-2.8146	2.7495	133.1032	106.2501	1.2527	1.1214	8.7980
-4.60	-2.6349	2.6241	117.8115	94.7301	1.2437	1.1225	8.5993
-4.40	-2.4535	2.5143	101.9637	82.7141	1.2327	1.1243	8.4241
-4.20	-2.2700	2.4201	86.8757	71.0893	1.2221	1.1269	8.2743
-4.00	-2.0845	2.3407	73.2523	60.4193	1.2124	1.1302	8.1494
-3.80	-1.8970	2.2744	61.3291	50.9642	1.2034	1.1345	8.0486
-3.60	-1.7076	2.2198	51.2340	42.7735	1.1978	1.1398	7.9696
-3.40	-1.5164	2.1750	42.8271	35.8462	1.1947	1.1463	7.9113
-3.20	-1.3238	2.1384	35.9046	30.0690	1.1941	1.1541	7.8713
-3.00	-1.1298	2.1087	30.2701	25.3068	1.1961	1.1632	7.8471
-2.80	-0.9349	2.0845	25.7588	21.4428	1.2013	1.1739	7.8377
-2.60	-0.7390	2.0648	22.1595	18.3402	1.2082	1.1857	7.8394
-2.40	-0.5425	2.0483	19.3686	15.9026	1.2180	1.1982	7.8494
-2.20	-0.3455	2.0343	17.2715	14.0594	1.2285	1.2110	7.8640
-2.00	-0.1482	2.0217	15.8135	12.7634	1.2390	1.2231	7.8787
-1.80	0.0492	2.0095	14.9927	12.0058	1.2488	1.2324	7.8847
-1.60	0.2464	1.9966	14.8367	11.8157	1.2557	1.2371	7.8744
-1.40	0.4431	1.9814	15.4231	12.2474	1.2593	1.2362	7.8417
-1.20	0.6389	1.9623	16.8529	13.3604	1.2614	1.2304	7.7853
-1.00	0.8333	1.9373	19.1254	15.1562	1.2619	1.2211	7.7062
-0.80	1.0259	1.9046	22.1491	17.5143	1.2646	1.2107	7.6083
-0.60	1.2163	1.8629	25.5522	20.1254	1.2696	1.2017	7.4967
-0.40	1.4044	1.8123	28.7985	22.5163	1.2790	1.1950	7.3736
-0.20	1.5902	1.7543	31.2088	24.2408	1.2875	1.1902	7.2397
0.0	1.7744	1.6915	32.3168	24.9796	1.2937	1.1873	7.1005
0.20	1.9576	1.6272	32.0296	24.6994	1.2968	1.1864	6.9614
0.40	2.1405	1.5646	30.5480	23.5625	1.2965	1.1869	6.8277
0.60	2.3240	1.5062	28.2403	21.8393	1.2931	1.1894	6.7061
0.80	2.5086	1.4538	25.5332	19.8074	1.2891	1.1941	6.6015
1.00	2.6949	1.4087	22.6959	17.6960	1.2825	1.2015	6.5183
1.20	2.8834	1.3719	20.0244	15.6636	1.2784	1.2128	6.4628
1.40	3.0747	1.3447	17.5876	13.8032	1.2742	1.2293	6.4418
1.60	3.2697	1.3293	15.4604	12.1606	1.2713	1.2534	6.4672
1.80	3.4697	1.3291	13.6405	10.7452	1.2694	1.2885	6.5569
2.00	3.6765	1.3502	12.1070	9.5480	1.2680	1.3384	6.7353
2.20	3.8928	1.4017	0.0	8.5527	0.0	0.0	0.0

T= 9700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8541	3.9383	0.0	20.7129	0.0	0.0	0.0
-6.80	-4.6567	3.9146	34.4657	27.8200	1.2389	1.2192	11.0030
-6.60	-4.4606	3.8794	45.9339	37.7296	1.2174	1.1879	10.8116
-6.40	-4.2663	3.8285	61.3605	50.8639	1.2064	1.1651	10.6370
-6.20	-4.0744	3.7577	80.5987	66.7666	1.2072	1.1494	10.4667
-6.00	-3.8854	3.6641	102.1304	84.0870	1.2146	1.1387	10.2875
-5.80	-3.6995	3.5473	123.2860	100.4145	1.2278	1.1318	10.0915
-5.60	-3.5166	3.4105	140.4885	113.1188	1.2420	1.1272	9.8751
-5.40	-3.3361	3.2601	150.7242	120.2728	1.2532	1.1245	9.6432
-5.20	-3.1574	3.1043	152.8844	121.2993	1.2604	1.1229	9.4032
-5.00	-2.9794	2.9509	147.4139	116.9096	1.2609	1.1223	9.1655
-4.80	-2.8012	2.8062	136.4926	108.5461	1.2575	1.1224	8.9382
-4.60	-2.6221	2.6746	122.1861	97.8186	1.2491	1.1232	8.7295
-4.40	-2.4414	2.5583	106.6846	86.1207	1.2388	1.1248	8.5434
-4.20	-2.2588	2.4577	91.4408	74.4850	1.2276	1.1270	8.3819
-4.00	-2.0742	2.3722	77.4007	63.5956	1.2171	1.1300	8.2458
-3.80	-1.8875	2.3006	64.9980	53.8092	1.2079	1.1339	8.1346
-3.60	-1.6989	2.2414	54.3653	45.2670	1.2010	1.1389	8.0466
-3.40	-1.5084	2.1926	45.4457	37.9710	1.1969	1.1450	7.9799
-3.20	-1.3164	2.1528	38.0778	31.8483	1.1956	1.1522	7.9320
-3.00	-1.1230	2.1204	32.0340	26.7854	1.1960	1.1608	7.9014
-2.80	-0.9284	2.0940	27.1793	22.6424	1.2004	1.1708	7.8859
-2.60	-0.7329	2.0725	23.3008	19.3015	1.2072	1.1822	7.8833
-2.40	-0.5366	2.0547	20.2520	16.6615	1.2155	1.1946	7.8906
-2.20	-0.3398	2.0397	17.9341	14.6300	1.2258	1.2072	7.9030
-2.00	-0.1426	2.0264	16.2742	13.1595	1.2367	1.2195	7.9174
-1.80	0.0547	2.0140	15.2455	12.2766	1.2469	1.2298	7.9262
-1.60	0.2519	2.0011	14.8721	11.8496	1.2551	1.2362	7.9215
-1.40	0.4487	1.9865	15.2064	12.0730	1.2595	1.2373	7.8958
-1.20	0.6448	1.9685	16.3385	12.9594	1.2607	1.2330	7.8463
-1.00	0.8396	1.9452	18.3407	14.5276	1.2625	1.2247	7.7734
-0.80	1.0327	1.9146	21.1229	16.7128	1.2639	1.2147	7.6806
-0.60	1.2237	1.8753	24.4246	19.2389	1.2695	1.2055	7.5725
-0.40	1.4124	1.8270	27.6959	21.6941	1.2767	1.1980	7.4511
-0.20	1.5988	1.7707	30.3460	23.5936	1.2862	1.1925	7.3185
0.0	1.7833	1.7088	31.8174	24.5871	1.2941	1.1893	7.1798
0.20	1.9667	1.6445	31.8925	24.5719	1.2979	1.1880	7.0398
0.40	2.1496	1.5812	30.7117	23.6515	1.2985	1.1883	5.9038
0.60	2.3329	1.5215	28.6086	22.0803	1.2957	1.1905	6.7784
0.80	2.5172	1.4676	25.9932	20.1347	1.2910	1.1947	6.6690
1.00	2.7032	1.4209	23.2298	18.0583	1.2864	1.2020	6.5818
1.20	2.8913	1.3825	20.5115	16.0200	1.2804	1.2129	6.5216
1.40	3.0822	1.3539	18.0415	14.1342	1.2764	1.2292	6.4972
1.60	3.2768	1.3372	15.8511	12.4549	1.2727	1.2530	6.5192
1.80	3.4764	1.3359	13.9701	10.9966	1.2704	1.2878	6.6060
2.00	3.6829	1.3560	12.3769	9.7588	1.2683	1.3374	6.7825
2.20	3.8988	1.4068	0.0	8.7270	0.0	0.0	0.0

T= 9800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8488	3.9454	0.0	18.2955	0.0	0.0	0.0
-6.80	-4.6510	3.9254	30.4149	24.2726	1.2531	1.2369	11.1549
-6.60	-4.4544	3.8954	40.2702	32.8170	1.2271	1.2017	10.9529
-6.40	-4.2593	3.8514	53.7967	44.3928	1.2118	1.1755	10.7714

T= 9800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-4.0664	3.7891	71.2045	58.9695	1.2075	1.1568	10.5984
-6.00	-3.8761	3.7050	91.7298	75.6249	1.2130	1.1441	10.4225
-5.80	-3.6889	3.5976	112.9927	92.3672	1.2233	1.1357	10.2324
-5.60	-3.5048	3.4684	131.8162	106.5513	1.2371	1.1302	10.0229
-5.40	-3.3234	3.3227	144.9498	115.9152	1.2505	1.1268	9.7954
-5.20	-3.1441	3.1681	150.3340	119.3765	1.2593	1.1247	9.5560
-5.00	-2.9659	3.0129	147.8949	117.0958	1.2630	1.1237	9.3147
-4.80	-2.7879	2.8640	139.0941	110.2998	1.2611	1.1235	9.0807
-4.60	-2.6093	2.7267	126.1004	100.5500	1.2541	1.1240	8.8625
-4.40	-2.4293	2.6040	111.1570	89.3197	1.2445	1.1253	8.6658
-4.20	-2.2475	2.4970	95.9744	77.7860	1.2338	1.1272	8.4931
-4.00	-2.0637	2.4055	81.6331	66.7655	1.2227	1.1300	8.3460
-3.80	-1.8779	2.3284	68.7793	56.6847	1.2134	1.1335	8.2242
-3.60	-1.6900	2.2643	57.6172	47.7978	1.2054	1.1381	8.1264
-3.40	-1.5002	2.2114	48.1753	40.1502	1.1999	1.1437	8.0507
-3.20	-1.3088	2.1682	40.3181	33.6882	1.1968	1.1505	7.9952
-3.00	-1.1160	2.1329	33.9111	28.3132	1.1977	1.1587	7.9583
-2.80	-0.9218	2.1041	28.6700	23.8976	1.1997	1.1680	7.9363
-2.60	-0.7267	2.0807	24.4846	20.3214	1.2049	1.1790	7.9287
-2.40	-0.5307	2.0615	21.1989	17.4652	1.2138	1.1910	7.9321
-2.20	-0.3342	2.0453	18.6416	15.2492	1.2225	1.2036	7.9427
-2.00	-0.1371	2.0313	16.7743	13.6031	1.2331	1.2159	7.9560
-1.80	0.0601	2.0185	15.5459	12.4994	1.2437	1.2270	7.9667
-1.60	0.2573	2.0056	14.9675	11.9445	1.2531	1.2348	7.9666
-1.40	0.4542	1.9914	15.0814	11.9718	1.2597	1.2378	7.9480
-1.20	0.6505	1.9743	15.9445	12.6415	1.2613	1.2351	7.9052
-1.00	0.8457	1.9525	17.6661	13.9896	1.2628	1.2279	7.8383
-0.80	1.0393	1.9239	20.2103	15.9722	1.2653	1.2185	7.7507
-0.60	1.2308	1.8869	23.3539	18.3895	1.2700	1.2089	7.6460
-0.40	1.4201	1.8409	26.6387	20.8542	1.2774	1.2011	7.5275
-0.20	1.6071	1.7865	29.4507	22.9055	1.2857	1.1952	7.3971
0.0	1.7920	1.7257	31.2399	24.1457	1.2938	1.1914	7.2588
0.20	1.9756	1.6617	31.6688	24.3845	1.2987	1.1896	7.1176
0.40	2.1586	1.5979	30.8016	23.6898	1.3002	1.1897	6.9796
0.60	2.3418	1.5371	28.9333	22.2800	1.2986	1.1915	6.8509
0.80	2.5258	1.4817	26.4451	20.4352	1.2941	1.1954	6.7373
1.00	2.7114	1.4333	23.7254	18.4016	1.2893	1.2022	6.6454
1.20	2.8991	1.3934	21.0057	16.3699	1.2832	1.2127	6.5805
1.40	3.0897	1.3633	18.4915	14.4627	1.2786	1.2286	6.5517
1.60	3.2839	1.3453	16.2496	12.7490	1.2746	1.2522	6.5706
1.80	3.4831	1.3430	14.3053	11.2511	1.2715	1.2866	6.6543
2.00	3.6893	1.3621	12.6468	9.9704	1.2684	1.3358	6.8284
2.20	3.9049	1.4120	0.0	8.8977	0.0	0.0	0.0

T= 9900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8438	3.9513	0.0	16.2838	0.0	0.0	0.0
-6.80	-4.6456	3.9344	27.1246	21.3314	1.2716	1.2565	11.3128
-6.60	-4.4485	3.9088	35.4179	28.6265	1.2372	1.2169	11.0967
-6.40	-4.2527	3.8708	47.2533	38.7628	1.2190	1.1870	10.9064
-6.20	-4.0589	3.8164	62.8236	51.9361	1.2096	1.1652	10.7297
-6.00	-3.8675	3.7414	81.9002	67.6207	1.2112	1.1502	10.5550
-5.80	-3.6790	3.6433	102.8739	84.3172	1.2201	1.1401	10.3698
-5.60	-3.4937	3.5224	122.7426	99.5414	1.2331	1.1336	10.1671

T= 9900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.40	-3.3113	3.3825	138.2417	110.8479	1.2471	1.1292	9.9440
-5.20	-3.1312	3.2306	146.6520	116.5993	1.2577	1.1266	9.7069
-5.00	-2.9527	3.0747	147.2348	116.5344	1.2634	1.1252	9.4640
-4.80	-2.7747	2.9226	140.8408	111.4688	1.2635	1.1247	9.2248
-4.60	-2.5964	2.7802	129.5182	102.8788	1.2589	1.1250	8.9984
-4.40	-2.4170	2.6514	115.3442	92.2936	1.2498	1.1260	8.7914
-4.20	-2.2360	2.5381	100.3732	80.9936	1.2393	1.1276	8.6077
-4.00	-2.0530	2.4404	85.8861	69.8927	1.2288	1.1300	8.4495
-3.80	-1.8680	2.3577	72.6056	59.5913	1.2184	1.1332	8.3169
-3.60	-1.6809	2.2886	60.9706	50.3948	1.2099	1.1375	8.2094
-3.40	-1.4919	2.2315	51.0177	42.3999	1.2032	1.1426	8.1245
-3.20	-1.3012	2.1845	42.6984	35.5981	1.1995	1.1489	8.0608
-3.00	-1.1088	2.1462	35.8481	29.9162	1.1983	1.1567	8.0166
-2.80	-0.9152	2.1150	30.2675	25.2205	1.2001	1.1656	7.9888
-2.60	-0.7205	2.0895	25.7809	21.3868	1.2055	1.1760	7.9758
-2.40	-0.5248	2.0687	22.1941	18.3244	1.2112	1.1876	7.9749
-2.20	-0.3285	2.0513	19.4189	15.9123	1.2204	1.2000	7.9827
-2.00	-0.1316	2.0365	17.3368	14.0904	1.2304	1.2126	7.9956
-1.80	0.0655	2.0231	15.9109	12.8145	1.2416	1.2242	8.0072
-1.60	0.2627	2.0101	15.1027	12.0797	1.2502	1.2331	8.0103
-1.40	0.4597	1.9962	14.9831	11.9150	1.2575	1.2376	7.9973
-1.20	0.6561	1.9798	15.6114	12.3653	1.2625	1.2368	7.9620
-1.00	0.8516	1.9592	17.0500	13.4845	1.2644	1.2310	7.9018
-0.80	1.0456	1.9325	19.3100	15.2476	1.2664	1.2222	7.8196
-0.60	1.2377	1.8977	22.2469	17.5120	1.2704	1.2127	7.7187
-0.40	1.4276	1.8540	25.4617	19.9330	1.2774	1.2044	7.6032
-0.20	1.6151	1.8015	28.3806	22.0804	1.2853	1.1982	7.4754
0.0	1.8005	1.7421	30.4065	23.5073	1.2935	1.1940	7.3381
0.20	1.9844	1.6786	31.1843	23.9873	1.3000	1.1916	7.1960
0.40	2.1675	1.6144	30.6334	23.5210	1.3024	1.1912	7.0558
0.60	2.3506	1.5527	29.0140	22.2965	1.3013	1.1927	6.9241
0.80	2.5344	1.4959	26.7020	20.5757	1.2977	1.1964	6.8067
1.00	2.7197	1.4460	24.0507	18.6118	1.2922	1.2029	6.7105
1.20	2.9070	1.4045	21.3782	16.6087	1.2872	1.2132	6.6415
1.40	3.0971	1.3729	18.8398	14.7015	1.2815	1.2286	6.6081
1.60	3.2910	1.3536	16.5685	12.9702	1.2774	1.2519	6.6235
1.80	3.4899	1.3501	14.5773	11.4467	1.2735	1.2857	6.7036
2.00	3.6957	1.3683	12.8791	10.1395	1.2702	1.3342	6.8746
2.20	3.9109	1.4172	0.0	9.0431	0.0	0.0	0.0

T= 10000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8389	3.9561	0.0	14.6710	0.0	0.0	0.0
-6.80	-4.6404	3.9418	24.3725	18.8795	1.2909	1.2768	11.4721
-6.60	-4.4429	3.9200	31.4458	25.1128	1.2522	1.2336	11.2453
-6.40	-4.2465	3.8874	41.5684	33.8980	1.2263	1.1997	11.0431
-6.20	-4.0518	3.8399	55.3881	45.6566	1.2131	1.1749	10.8615
-6.00	-3.8594	3.7734	72.9646	60.2221	1.2116	1.1572	10.6857
-5.80	-3.6698	3.6845	93.0177	76.4286	1.2171	1.1452	10.5045
-5.60	-3.4832	3.5723	113.3853	92.2057	1.2297	1.1372	10.3071
-5.40	-3.2997	3.4393	130.5799	105.0344	1.2432	1.1320	10.0900
-5.20	-3.1188	3.2912	141.7585	112.9173	1.2554	1.1288	9.8564
-5.00	-2.9398	3.1359	145.3261	115.0490	1.2632	1.1269	9.6130
-4.80	-2.7617	2.9815	141.5624	111.8691	1.2654	1.1261	9.3700

T= 10000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.5836	2.8348	132.0816	104.6347	1.2623	1.1261	9.1364
-4.40	-2.4047	2.7004	119.0350	94.8537	1.2549	1.1267	8.9196
-4.20	-2.2244	2.5809	104.4935	83.9263	1.2451	1.1281	8.7255
-4.00	-2.0422	2.4771	89.9341	72.8883	1.2339	1.1302	8.5564
-3.80	-1.8580	2.3887	76.3586	62.4345	1.2232	1.1331	8.4129
-3.60	-1.6717	2.3144	64.3265	52.9666	1.2145	1.1370	8.2951
-3.40	-1.4834	2.2527	53.9019	44.6570	1.2070	1.1418	8.2012
-3.20	-1.2933	2.2019	45.1241	37.5388	1.2021	1.1478	8.1296
-3.00	-1.1016	2.1604	37.8584	31.5430	1.2002	1.1549	8.0773
-2.80	-0.9085	2.1255	31.9061	26.5738	1.2007	1.1635	8.0436
-2.60	-0.7142	2.0989	27.0850	22.4919	1.2042	1.1732	8.0246
-2.40	-0.5188	2.0763	23.2449	19.2077	1.2102	1.1845	8.0195
-2.20	-0.3228	2.0576	20.2374	16.6086	1.2185	1.1966	8.0240
-2.00	-0.1261	2.0418	17.9548	14.6134	1.2287	1.2091	8.0349
-1.80	0.0709	2.0278	16.3193	13.1743	1.2387	1.2211	8.0469
-1.60	0.2680	2.0145	15.3262	12.2761	1.2485	1.2309	8.0527
-1.40	0.4650	2.0008	14.9916	11.9345	1.2562	1.2368	8.0443
-1.20	0.6616	1.9850	15.3859	12.1922	1.2619	1.2378	8.0156
-1.00	0.8573	1.9656	16.5661	13.1020	1.2644	1.2335	7.9624
-0.80	1.0517	1.9404	18.5865	14.6696	1.2670	1.2257	7.8862
-0.60	1.2444	1.9077	21.3007	16.7874	1.2689	1.2165	7.7901
-0.40	1.4348	1.8662	24.4496	19.1660	1.2757	1.2076	7.6757
-0.20	1.6229	1.8158	27.4559	21.3742	1.2850	1.2008	7.5510
0.0	1.8088	1.7578	29.7149	22.9867	1.2927	1.1961	7.4150
0.20	1.9930	1.6950	30.8138	23.7023	1.3000	1.1933	7.2728
0.40	2.1762	1.6307	30.5852	23.4649	1.3034	1.1925	7.1310
0.60	2.3592	1.5682	29.2183	22.4210	1.3032	1.1937	6.9965
0.80	2.5429	1.5102	27.0698	20.8215	1.3001	1.1971	6.8758
1.00	2.7278	1.4588	24.5061	18.9239	1.2950	1.2032	6.7749
1.20	2.9148	1.4157	21.8474	16.9425	1.2895	1.2133	6.7019
1.40	3.1046	1.3827	19.2966	15.0275	1.2841	1.2284	6.6645
1.60	3.2981	1.3621	16.9663	13.2687	1.2787	1.2512	6.6757
1.80	3.4966	1.3574	14.9300	11.7102	1.2750	1.2845	6.7524
2.00	3.7020	1.3745	13.1718	10.3655	1.2707	1.3327	6.9212
2.20	3.9169	1.4226	0.0	9.2310	0.0	0.0	0.0

T= 10100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8341	3.9601	0.0	13.3455	0.0	0.0	0.0
-6.80	-4.6354	3.9480	22.0827	16.8907	1.3074	1.2977	11.6326
-6.60	-4.4375	3.9294	28.1261	22.1785	1.2682	1.2516	11.3970
-6.40	-4.2406	3.9014	36.8205	29.7668	1.2370	1.2139	11.1940
-6.20	-4.0452	3.8601	49.0109	40.1759	1.2199	1.1854	10.9931
-6.00	-3.8519	3.8014	64.8331	53.4664	1.2126	1.1649	10.8148
-5.80	-3.6611	3.7214	83.8450	68.9019	1.2169	1.1508	10.6352
-5.60	-3.4733	3.6181	103.9451	84.8322	1.2253	1.1412	10.4430
-5.40	-3.2887	3.4926	122.4646	98.8281	1.2392	1.1351	10.2326
-5.20	-3.1068	3.3494	136.0204	108.5855	1.2527	1.1312	10.0036
-5.00	-2.9272	3.1960	142.4999	112.8884	1.2623	1.1287	9.7610
-4.80	-2.7489	3.0404	141.4327	111.6603	1.2666	1.1275	9.5153
-4.60	-2.5709	2.8901	134.0405	105.9182	1.2655	1.1272	9.2757
-4.40	-2.3924	2.7505	122.3791	97.1213	1.2601	1.1276	9.0505
-4.20	-2.2127	2.6251	108.3952	86.6976	1.2503	1.1287	8.8463
-4.00	-2.0312	2.5153	93.9515	75.8061	1.2394	1.1305	8.6663

T= 10100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-1.8478	2.4211	80.2061	65.2532	1.2292	1.1332	8.5122
-3.60	-1.6623	2.3415	67.7392	55.5669	1.2191	1.1367	8.3842
-3.40	-1.4748	2.2752	56.8789	46.9718	1.2109	1.1411	8.2807
-3.20	-1.2854	2.2204	47.6628	39.5329	1.2056	1.1468	8.2007
-3.00	-1.0943	2.1754	39.9392	33.2275	1.2020	1.1535	8.1408
-2.80	-0.9017	2.1387	33.6041	27.9808	1.2010	1.1614	8.0997
-2.60	-0.7078	2.1089	28.4724	23.6490	1.2040	1.1709	8.0758
-2.40	-0.5128	2.0844	24.3705	20.1422	1.2099	1.1815	8.0651
-2.20	-0.3170	2.0643	21.1109	17.3508	1.2167	1.1934	8.0664
-2.00	-0.1206	2.0474	18.6139	15.1802	1.2262	1.2057	8.0747
-1.80	0.0762	2.0327	16.7864	13.5779	1.2363	1.2179	8.0862
-1.60	0.2733	2.0190	15.6045	12.5175	1.2466	1.2285	8.0940
-1.40	0.4703	2.0053	15.0740	12.0047	1.2557	1.2358	8.0903
-1.20	0.6670	1.9900	15.2368	12.0791	1.2614	1.2383	8.0673
-1.00	0.8630	1.9715	16.1658	12.7881	1.2641	1.2355	8.0209
-0.80	1.0577	1.9478	17.9285	14.1529	1.2668	1.2288	7.9508
-0.60	1.2508	1.9171	20.4557	16.1019	1.2704	1.2200	7.8596
-0.40	1.4418	1.8778	23.4568	18.3904	1.2755	1.2109	7.7495
-0.20	1.6305	1.8294	26.5110	20.6404	1.2844	1.2038	7.6265
0.0	1.8169	1.7731	28.9765	22.4077	1.2931	1.1985	7.4918
0.20	2.0015	1.7112	30.3358	23.3358	1.3000	1.1954	7.3503
0.40	2.1848	1.6469	30.4369	23.3253	1.3049	1.1942	7.2075
0.60	2.3679	1.5838	29.3354	22.4689	1.3056	1.1952	7.0707
0.80	2.5513	1.5246	27.3627	21.0012	1.3029	1.1982	6.9461
1.00	2.7360	1.4718	24.9039	19.1829	1.2982	1.2041	6.8415
1.20	2.9227	1.4272	22.2716	17.2341	1.2923	1.2136	6.7637
1.40	3.1121	1.3928	19.7071	15.3202	1.2863	1.2287	6.7228
1.60	3.3051	1.3708	17.3406	13.5408	1.2806	1.2510	6.7298
1.80	3.5033	1.3649	15.2581	11.9515	1.2767	1.2840	6.8033
2.00	3.7084	1.3810	13.4498	10.5718	1.2722	1.3320	6.9701
2.20	3.9229	1.4281	0.0	9.4030	0.0	0.0	0.0

T= 10200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8295	3.9635	0.0	12.2364	0.0	0.0	0.0
-6.80	-4.6306	3.9532	20.1992	15.2248	1.3267	1.3197	11.7963
-6.60	-4.4323	3.9373	25.2853	19.6914	1.2841	1.2709	11.5529
-6.40	-4.2350	3.9132	32.7818	26.2189	1.2503	1.2298	11.3296
-6.20	-4.0390	3.8775	43.4121	35.3327	1.2287	1.1972	11.1272
-6.00	-3.8448	3.8258	57.5930	47.3300	1.2168	1.1737	10.9438
-5.80	-3.6530	3.7542	75.1653	61.8532	1.2152	1.1571	10.7640
-5.60	-3.4641	3.6598	94.8483	77.5582	1.2229	1.1460	10.5767
-5.40	-3.2783	3.5423	114.0328	92.2758	1.2358	1.1385	10.3717
-5.20	-3.0954	3.4051	129.5114	103.6434	1.2496	1.1337	10.1476
-5.00	-2.9150	3.2547	138.6101	109.9766	1.2604	1.1308	9.9079
-4.80	-2.7363	3.0990	140.2940	110.7188	1.2671	1.1291	9.6607
-4.60	-2.5583	2.9460	135.1839	106.6100	1.2680	1.1285	9.4165
-4.40	-2.3801	2.8019	125.0491	98.9529	1.2637	1.1286	9.1838
-4.20	-2.2009	2.6709	111.9574	89.1678	1.2556	1.1294	8.9700
-4.00	-2.0201	2.5551	97.8190	78.5516	1.2453	1.1309	8.7793
-3.80	-1.8375	2.4550	83.9296	68.0121	1.2340	1.1334	8.6148
-3.60	-1.6528	2.3701	71.1713	58.1491	1.2239	1.1366	8.4766
-3.40	-1.4660	2.2989	59.8950	49.2733	1.2156	1.1407	8.3632
-3.20	-1.2773	2.2399	50.2141	41.5524	1.2085	1.1458	8.2737

T= 10200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-1.0868	2.1914	42.0950	34.9602	1.2041	1.1522	8.2065
-2.80	-0.8947	2.1518	35.3963	29.4200	1.2031	1.1597	8.1584
-2.60	-0.7013	2.1195	29.9344	24.8396	1.2051	1.1686	8.1280
-2.40	-0.5068	2.0931	25.5311	21.1167	1.2090	1.1788	8.1123
-2.20	-0.3113	2.0714	22.0273	18.1237	1.2154	1.1903	8.1096
-2.00	-0.1151	2.0533	19.3156	15.7797	1.2241	1.2026	8.1158
-1.80	0.0816	2.0378	17.3004	14.0153	1.2344	1.2148	8.1258
-1.60	0.2786	2.0236	15.9236	12.7955	1.2445	1.2260	8.1347
-1.40	0.4756	2.0098	15.1952	12.1199	1.2537	1.2345	8.1350
-1.20	0.6723	1.9948	15.1427	12.0177	1.2600	1.2385	8.1178
-1.00	0.8685	1.9771	15.8502	12.5301	1.2650	1.2374	8.0779
-0.80	1.0635	1.9547	17.3554	13.6965	1.2671	1.2314	8.0126
-0.60	1.2571	1.9258	19.6589	15.4668	1.2710	1.2232	7.9266
-0.40	1.4486	1.8886	22.5273	17.6663	1.2752	1.2142	7.8209
-0.20	1.6378	1.8424	25.5521	19.9202	1.2827	1.2066	7.7002
0.0	1.8248	1.7877	28.1695	21.8009	1.2921	1.2010	7.5675
0.20	2.0097	1.7269	29.8192	22.9217	1.3009	1.1974	7.4267
0.40	2.1933	1.6629	30.1990	23.1335	1.3054	1.1960	7.2834
0.60	2.3764	1.5993	29.3758	22.4734	1.3071	1.1966	7.1444
0.80	2.5597	1.5391	27.6138	21.1543	1.3054	1.1993	7.0167
1.00	2.7442	1.4850	25.2661	19.4239	1.3008	1.2050	6.9086
1.20	2.9305	1.4389	22.6858	17.5133	1.2953	1.2143	6.8269
1.40	3.1195	1.4030	20.1192	15.6039	1.2894	1.2290	6.7816
1.60	3.3122	1.3796	17.7254	13.8096	1.2836	1.2513	6.7856
1.80	3.5100	1.3726	15.5775	12.1933	1.2775	1.2839	6.8560
2.00	3.7147	1.3876	13.7283	10.7788	1.2736	1.3314	7.0196
2.20	3.9289	1.4337	0.0	9.5805	0.0	0.0	0.0

T= 10300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8249	3.9663	0.0	11.3455	0.0	0.0	0.0
-6.80	-4.6259	3.9575	18.6983	13.8456	1.3505	1.3410	11.9557
-6.60	-4.4274	3.9439	22.9790	17.6327	1.3032	1.2907	11.7092
-6.40	-4.2297	3.9232	29.3543	23.2205	1.2642	1.2462	11.4755
-6.20	-4.0331	3.8922	38.5330	31.1869	1.2355	1.2103	11.2643
-6.00	-3.8382	3.8470	51.1901	41.9281	1.2209	1.1835	11.0736
-5.80	-3.6454	3.7832	67.3072	55.3318	1.2164	1.1642	10.8915
-5.60	-3.4554	3.6974	86.1207	70.5131	1.2213	1.1512	10.7072
-5.40	-3.2684	3.5883	105.4591	85.5933	1.2321	1.1424	10.5077
-5.20	-3.0845	3.4578	122.3073	98.2201	1.2452	1.1366	10.2887
-5.00	-2.9033	3.3114	133.8251	106.3918	1.2579	1.1330	10.0527
-4.80	-2.7241	3.1569	138.2016	109.1132	1.2666	1.1309	9.8057
-4.60	-2.5459	3.0020	135.5138	106.7339	1.2696	1.1299	9.5580
-4.40	-2.3679	2.8540	127.1336	100.3450	1.2670	1.1296	9.3186
-4.20	-2.1891	2.7178	115.1850	91.3690	1.2607	1.1303	9.0951
-4.00	-2.0090	2.5963	101.4566	81.1270	1.2506	1.1316	8.8954
-3.80	-1.8270	2.4904	87.6031	70.6697	1.2396	1.1336	8.7202
-3.60	-1.6431	2.4000	74.5889	60.6914	1.2290	1.1366	8.5714
-3.40	-1.4571	2.3238	62.9293	51.6064	1.2194	1.1403	8.4483
-3.20	-1.2691	2.2605	52.8447	43.5984	1.2121	1.1451	8.3498
-3.00	-1.0792	2.2084	44.3123	36.7161	1.2069	1.1511	8.2744
-2.80	-0.8877	2.1656	37.2530	30.9030	1.2055	1.1583	8.2195
-2.60	-0.6948	2.1307	31.4378	26.0769	1.2056	1.1666	8.1825
-2.40	-0.5006	2.1022	26.7563	22.1305	1.2090	1.1765	8.1618

T= 10300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.3055	2.0789	23.0039	18.9364	1.2148	1.1874	8.1539
-2.00	-0.1095	2.0595	20.0589	16.4164	1.2219	1.1994	8.1569
-1.80	0.0870	2.0430	17.8510	14.4931	1.2317	1.2116	8.1653
-1.60	0.2838	2.0283	16.2931	13.1204	1.2418	1.2231	8.1745
-1.40	0.4808	2.0143	15.3724	12.2888	1.2509	1.2325	8.1774
-1.20	0.6776	1.9995	15.1367	12.0156	1.2598	1.2382	8.1659
-1.00	0.8739	1.9824	15.6054	12.3474	1.2639	1.2384	8.1317
-0.80	1.0692	1.9612	16.8867	13.3208	1.2677	1.2336	8.0725
-0.60	1.2631	1.9339	18.9397	14.9202	1.2694	1.2259	7.9911
-0.40	1.4552	1.8988	21.6811	16.9943	1.2758	1.2175	7.8909
-0.20	1.6449	1.8546	24.6747	19.2305	1.2831	1.2095	7.7730
0.0	1.8324	1.8019	27.3812	21.2086	1.2910	1.2035	7.6424
0.20	2.0178	1.7422	29.2548	22.5141	1.2994	1.1994	7.5022
0.40	2.2017	1.6787	29.9620	22.9389	1.3062	1.1977	7.3589
0.60	2.3848	1.6148	29.4041	22.4771	1.3082	1.1978	7.2177
0.80	2.5681	1.5537	27.8476	21.3039	1.3072	1.2003	7.0873
1.00	2.7523	1.4983	25.6325	19.6683	1.3032	1.2055	6.9750
1.20	2.9383	1.4508	23.1080	17.8063	1.2977	1.2147	6.8896
1.40	3.1270	1.4134	20.5506	15.9080	1.2918	1.2289	6.8399
1.60	3.3193	1.3887	18.1343	14.1021	1.2859	1.2507	6.8396
1.80	3.5167	1.3804	15.9398	12.4581	1.2795	1.2832	6.9073
2.00	3.7211	1.3943	14.0293	11.0117	1.2740	1.3301	7.0676
2.20	3.9349	1.4395	0.0	9.7790	0.0	0.0	0.0

T= 10400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8205	3.9686	0.0	10.6105	0.0	0.0	0.0
-6.80	-4.6213	3.9611	17.4230	12.7125	1.3705	1.3620	12.1130
-6.60	-4.4226	3.9495	21.0268	15.9223	1.3206	1.3108	11.8655
-6.40	-4.2245	3.9317	26.5013	20.7067	1.2798	1.2635	11.6232
-6.20	-4.0275	3.9049	34.4269	27.6124	1.2468	1.2245	11.4032
-6.00	-3.8319	3.8653	45.5619	37.1402	1.2268	1.1941	11.2038
-5.80	-3.6383	3.8087	60.2820	49.4236	1.2197	1.1721	11.0186
-5.60	-3.4473	3.7312	77.9402	63.8532	1.2206	1.1568	10.8344
-5.40	-3.2591	3.6305	97.0728	78.9730	1.2292	1.1465	10.6395
-5.20	-3.0741	3.5074	114.8919	92.4948	1.2421	1.1398	10.4272
-5.00	-2.8920	3.3660	128.3434	102.2395	1.2553	1.1354	10.1949
-4.80	-2.7121	3.2135	135.3514	106.9031	1.2661	1.1327	9.9495
-4.60	-2.5337	3.0579	135.0747	106.3223	1.2704	1.1313	9.6996
-4.40	-2.3557	2.9067	128.6773	101.3289	1.2699	1.1308	9.4546
-4.20	-2.1773	2.7659	117.9542	93.2715	1.2646	1.1312	9.2242
-4.00	-1.9977	2.6388	104.8934	83.5368	1.2557	1.1322	9.0139
-3.80	-1.8165	2.5272	91.1778	73.2509	1.2447	1.1339	8.8281
-3.60	-1.6333	2.4313	78.0104	63.2309	1.2337	1.1365	8.6687
-3.40	-1.4480	2.3501	66.0445	53.9567	1.2240	1.1401	8.5363
-3.20	-1.2607	2.2823	55.5752	45.6802	1.2166	1.1446	8.4288
-3.00	-1.0715	2.2262	46.6376	38.5287	1.2105	1.1501	8.3445
-2.80	-0.8806	2.1802	39.1519	32.4489	1.2066	1.1568	8.2819
-2.60	-0.6882	2.1426	32.9986	27.3732	1.2055	1.1650	8.2392
-2.40	-0.4944	2.1119	28.0224	23.1757	1.2091	1.1743	8.2125
-2.20	-0.2996	2.0868	24.0144	19.7925	1.2133	1.1849	8.2004
-2.00	-0.1040	2.0661	20.8748	17.0907	1.2214	1.1963	8.1988
-1.80	0.0923	2.0486	18.4371	15.0023	1.2290	1.2086	8.2058
-1.60	0.2891	2.0332	16.7156	13.4722	1.2407	1.2204	8.2148

T= 10400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.4860	2.0188	15.6046	12.4838	1.2500	1.2305	8.2193
-1.20	0.6828	2.0040	15.1490	12.0455	1.2576	1.2372	8.2117
-1.00	0.8792	1.9875	15.4202	12.1912	1.2649	1.2392	8.1842
-0.80	1.0748	1.9673	16.4394	12.9651	1.2680	1.2361	8.1322
-0.60	1.2690	1.9415	18.2729	14.3697	1.2716	1.2291	8.0560
-0.40	1.4615	1.9083	20.7750	16.2877	1.2755	1.2209	7.9600
-0.20	1.6518	1.8662	23.6688	18.4621	1.2820	1.2129	7.8458
0.0	1.8398	1.8153	26.4329	20.4754	1.2910	1.2064	7.7176
0.20	2.0257	1.7570	28.5154	21.9255	1.3006	1.2021	7.5790
0.40	2.2098	1.6941	29.4797	22.5450	1.3076	1.1998	7.4351
0.60	2.3931	1.6301	29.1985	22.2812	1.3105	1.1996	7.2926
0.80	2.5763	1.5683	27.8664	21.2727	1.3100	1.2019	7.1598
1.00	2.7603	1.5117	25.8086	19.7554	1.3064	1.2069	7.0440
1.20	2.9461	1.4628	23.3706	17.9645	1.3009	1.2157	6.9543
1.40	3.1344	1.4240	20.8390	16.1011	1.2943	1.2297	6.9009
1.60	3.3264	1.3980	18.4271	14.3005	1.2886	1.2512	6.8970
1.80	3.5234	1.3884	16.2207	12.6472	1.2826	1.2832	6.9607
2.00	3.7274	1.4012	14.2710	11.1827	1.2762	1.3297	7.1194
2.20	3.9409	1.4453	0.0	9.9321	0.0	0.0	0.0

T= 10500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8161	3.9705	0.0	10.0029	0.0	0.0	0.0
-6.80	-4.6168	3.9641	16.3459	11.7721	1.3885	1.3830	12.2693
-6.60	-4.4179	3.9541	19.3969	14.4846	1.3391	1.3316	12.0238
-6.40	-4.2196	3.9388	24.0748	18.5693	1.2965	1.2823	11.7765
-6.20	-4.0222	3.9156	30.9245	24.5481	1.2598	1.2396	11.5446
-6.00	-3.8260	3.8810	40.6907	32.9370	1.2354	1.2060	11.3365
-5.80	-3.6316	3.8310	53.8034	44.0291	1.2220	1.1810	11.1459
-5.60	-3.4396	3.7613	70.3165	57.5883	1.2210	1.1633	10.9609
-5.40	-3.2504	3.6690	88.8311	72.3960	1.2270	1.1512	10.7694
-5.20	-3.0643	3.5536	107.1901	86.4787	1.2395	1.1434	10.5623
-5.00	-2.8812	3.4181	122.2090	97.5744	1.2525	1.1380	10.3346
-4.80	-2.7006	3.2687	131.4379	104.0375	1.2634	1.1348	10.0919
-4.60	-2.5217	3.1133	133.7238	105.2384	1.2707	1.1329	9.8409
-4.40	-2.3437	2.9598	129.4304	101.7418	1.2721	1.1321	9.5921
-4.20	-2.1655	2.8148	120.1815	94.7672	1.2682	1.1322	9.3543
-4.00	-1.9864	2.6825	107.9843	85.6629	1.2606	1.1329	9.1347
-3.80	-1.8058	2.5654	94.5649	75.6621	1.2498	1.1345	8.9394
-3.60	-1.6233	2.4639	81.3680	65.6584	1.2393	1.1368	8.7698
-3.40	-1.4388	2.3776	69.1246	56.2431	1.2290	1.1401	8.6270
-3.20	-1.2522	2.3052	58.2663	47.7685	1.2198	1.1441	8.5098
-3.00	-1.0637	2.2451	48.9527	40.3431	1.2134	1.1493	8.4172
-2.80	-0.8734	2.1957	41.1171	33.9959	1.2095	1.1556	8.3469
-2.60	-0.6815	2.1552	34.6245	28.6710	1.2076	1.1634	8.2972
-2.40	-0.4882	2.1222	29.3317	24.2750	1.2083	1.1721	8.2644
-2.20	-0.2937	2.0952	25.0624	20.6700	1.2125	1.1824	8.2475
-2.00	-0.0984	2.0730	21.6938	17.7896	1.2195	1.1937	8.2429
-1.80	0.0977	2.0543	19.0839	15.5414	1.2279	1.2058	8.2472
-1.60	0.2943	2.0382	17.1518	13.8634	1.2372	1.2178	8.2553
-1.40	0.4911	2.0233	15.8792	12.7269	1.2477	1.2284	8.2609
-1.20	0.6879	2.0086	15.2433	12.1342	1.2562	1.2361	8.2567
-1.00	0.8844	1.9924	15.3073	12.1131	1.2637	1.2396	8.2348
-0.80	1.0802	1.9731	16.1154	12.7119	1.2677	1.2379	8.1891

T= 10500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	1.2748	1.9486	17.7317	13.9386	1.2721	1.2319	8.1188
-0.40	1.4677	1.9171	20.0501	15.7184	1.2756	1.2237	8.0258
-0.20	1.6585	1.8771	22.8480	17.8180	1.2823	1.2157	7.9156
0.0	1.8470	1.8281	25.6484	19.8708	1.2908	1.2089	7.7899
0.20	2.0333	1.7713	27.8899	21.4540	1.3000	1.2041	7.6528
0.40	2.2178	1.7092	29.0974	22.2673	1.3067	1.2014	7.5089
0.60	2.4013	1.6452	29.1091	22.1967	1.3114	1.2009	7.3655
0.80	2.5845	1.5828	28.0080	21.3487	1.3119	1.2030	7.2306
1.00	2.7683	1.5251	26.1013	19.9445	1.3087	1.2078	7.1117
1.20	2.9538	1.4750	23.7512	18.2144	1.3040	1.2162	7.0180
1.40	3.1418	1.4348	21.2479	16.3761	1.2975	1.2298	6.9606
1.60	3.3334	1.4073	18.8060	14.5707	1.2907	1.2511	6.9531
1.80	3.5301	1.3965	16.5641	12.8969	1.2843	1.2828	7.0133
2.00	3.7337	1.4082	14.5713	11.4032	1.2778	1.3289	7.1682
2.20	3.9468	1.4513	0.0	10.1225	0.0	0.0	0.0

T= 10600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8118	3.9721	0.0	9.5132	0.0	0.0	0.0
-6.80	-4.6124	3.9666	15.4836	11.0012	1.4075	1.4023	12.4169
-6.60	-4.4133	3.9581	18.0958	13.3006	1.3605	1.3517	12.1778
-6.40	-4.2148	3.9449	22.0399	16.7882	1.3128	1.3013	11.9285
-6.20	-4.0170	3.9248	27.9496	21.9487	1.2734	1.2561	11.6898
-6.00	-3.8204	3.8946	36.4366	29.2980	1.2437	1.2189	11.4708
-5.80	-3.6253	3.8504	48.2166	39.2477	1.2285	1.1907	11.2733
-5.60	-3.4324	3.7881	63.2747	51.8040	1.2214	1.1705	11.0863
-5.40	-3.2422	3.7039	81.0076	66.0974	1.2256	1.1565	10.8964
-5.20	-3.0550	3.5965	99.3951	80.4474	1.2355	1.1471	10.6936
-5.00	-2.8708	3.4675	115.6861	92.6043	1.2493	1.1409	10.4717
-4.80	-2.6894	3.3221	126.9495	100.6721	1.2610	1.1371	10.2328
-4.60	-2.5101	3.1679	131.6526	103.6352	1.2703	1.1347	9.9820
-4.40	-2.3318	3.0130	129.5440	101.7286	1.2734	1.1335	9.7297
-4.20	-2.1538	2.8644	121.9440	95.9221	1.2713	1.1333	9.4858
-4.00	-1.9751	2.7274	110.7718	87.5654	1.2650	1.1338	9.2582
-3.80	-1.7951	2.6048	97.8728	77.9348	1.2558	1.1351	9.0528
-3.60	-1.6133	2.4978	84.6423	68.0284	1.2442	1.1372	8.8732
-3.40	-1.4295	2.4063	72.1913	58.5240	1.2335	1.1400	8.7199
-3.20	-1.2436	2.3292	61.0369	49.8613	1.2241	1.1438	8.5935
-3.00	-1.0558	2.2650	51.3243	42.1882	1.2166	1.1487	8.4922
-2.80	-0.8661	2.2120	43.1385	35.5947	1.2119	1.1547	8.4143
-2.60	-0.6747	2.1685	36.3211	30.0179	1.2100	1.1618	8.3567
-2.40	-0.4818	2.1330	30.7105	25.3802	1.2100	1.1703	8.3183
-2.20	-0.2878	2.1040	26.1911	21.5858	1.2133	1.1802	8.2965
-2.00	-0.0927	2.0802	22.5729	18.5260	1.2184	1.1911	8.2874
-1.80	0.1031	2.0604	19.7635	16.1126	1.2266	1.2029	8.2883
-1.60	0.2995	2.0433	17.6599	14.2871	1.2361	1.2150	8.2955
-1.40	0.4962	2.0280	16.1981	13.0050	1.2455	1.2260	8.3018
-1.20	0.6930	2.0131	15.3944	12.2630	1.2554	1.2345	8.2997
-1.00	0.8896	1.9971	15.2492	12.0859	1.2617	1.2391	8.2824
-0.80	1.0855	1.9785	15.8634	12.5117	1.2679	1.2392	8.2438
-0.60	1.2804	1.9553	17.2365	13.5652	1.2706	1.2343	8.1792
-0.40	1.4737	1.9255	19.3811	15.1953	1.2755	1.2265	8.0910
-0.20	1.6650	1.8874	22.0517	17.2131	1.2811	1.2185	7.9842
0.0	1.8541	1.8404	24.8586	19.2826	1.2892	1.2113	7.8610

T= 10600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.0408	1.7852	27.2483	20.9750	1.2991	1.2063	7.7260
0.40	2.2257	1.7240	28.6900	21.9594	1.3065	1.2033	7.5831
0.60	2.4093	1.6602	28.9627	22.0823	1.3116	1.2024	7.4387
0.80	2.5926	1.5973	28.0965	21.4000	1.3129	1.2040	7.3012
1.00	2.7763	1.5387	26.3694	20.1153	1.3109	1.2085	7.1796
1.20	2.9616	1.4873	24.1052	18.4606	1.3058	1.2165	7.0819
1.40	3.1492	1.4457	21.6465	16.6493	1.3001	1.2300	7.0206
1.60	3.3405	1.4169	19.1913	14.8474	1.2926	1.2508	7.0090
1.80	3.5368	1.4049	16.9107	13.1556	1.2854	1.2821	7.0658
2.00	3.7400	1.4154	14.8783	11.6357	1.2787	1.3275	7.2169
2.20	3.9527	1.4574	0.0	10.3235	0.0	0.0	0.0

T= 10700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8076	3.9735	0.0	9.1057	0.0	0.0	0.0
-6.80	-4.6081	3.9688	14.7635	10.3622	1.4247	0.0	0.0
-6.60	-4.4089	3.9614	16.9859	12.3123	1.3796	1.3709	12.3268
-6.40	-4.2102	3.9500	20.3671	15.2910	1.3320	1.3205	12.0808
-6.20	-4.0121	3.9326	25.4376	19.7306	1.2892	1.2731	11.8358
-6.00	-3.8150	3.9062	32.8261	26.1682	1.2544	1.2327	11.6073
-5.80	-3.6193	3.8673	43.2593	35.0382	1.2346	1.2014	11.4018
-5.60	-3.4256	3.8117	56.9493	46.5300	1.2239	1.1782	11.2099
-5.40	-3.2344	3.7353	73.6598	60.1414	1.2248	1.1622	11.0213
-5.20	-3.0461	3.6359	91.8144	74.4339	1.2335	1.1513	10.8225
-5.00	-2.8610	3.5139	108.8460	87.3596	1.2460	1.1441	10.6061
-4.80	-2.6787	3.3735	121.8853	96.8473	1.2585	1.1395	10.3710
-4.60	-2.4987	3.2214	128.8376	101.4998	1.2693	1.1366	10.1217
-4.40	-2.3202	3.0659	128.9741	101.2175	1.2742	1.1350	9.8675
-4.20	-2.1422	2.9145	123.1660	96.6774	1.2740	1.1344	9.6183
-4.00	-1.9638	2.7731	113.1708	89.1892	1.2689	1.1347	9.3832
-3.80	-1.7843	2.6453	100.8690	80.0312	1.2604	1.1357	9.1686
-3.60	-1.6031	2.5330	87.8203	70.3035	1.2492	1.1374	8.9784
-3.40	-1.4200	2.4362	75.2823	60.7817	1.2386	1.1401	8.8155
-3.20	-1.2349	2.3543	63.8269	51.9565	1.2285	1.1436	8.6797
-3.00	-1.0477	2.2858	53.7931	44.0661	1.2207	1.1482	8.5694
-2.80	-0.8586	2.2291	45.2155	37.2235	1.2147	1.1538	8.4833
-2.60	-0.6678	2.1826	38.0334	31.4026	1.2112	1.1605	8.4184
-2.40	-0.4754	2.1445	32.1444	26.5431	1.2110	1.1686	8.3738
-2.20	-0.2818	2.1134	27.3662	22.5364	1.2143	1.1780	8.3462
-2.00	-0.0871	2.0879	23.5069	19.2937	1.2184	1.1886	8.3330
-1.80	0.1085	2.0667	20.5024	16.7187	1.2263	1.2002	8.3310
-1.60	0.3047	2.0487	18.1904	14.7382	1.2342	1.2121	8.3356
-1.40	0.5013	2.0327	16.5573	13.3106	1.2439	1.2236	8.3424
-1.20	0.6981	2.0175	15.5564	12.4205	1.2525	1.2330	8.3429
-1.00	0.8946	2.0018	15.2512	12.0804	1.2625	1.2388	8.3298
-0.80	1.0907	1.9838	15.6384	12.3302	1.2683	1.2401	8.2965
-0.60	1.2858	1.9616	16.7726	13.1964	1.2710	1.2366	8.2386
-0.40	1.4795	1.9333	18.6955	14.6550	1.2757	1.2298	8.1562
-0.20	1.6713	1.8971	21.2055	16.5510	1.2812	1.2216	8.0527
0.0	1.8609	1.8520	23.9579	18.5827	1.2893	1.2144	7.9328
0.20	2.0481	1.7985	26.4201	20.3378	1.2991	1.2089	7.7995
0.40	2.2334	1.7384	28.0671	21.4709	1.3072	1.2055	7.6573
0.60	2.4172	1.6750	28.5940	21.7699	1.3135	1.2043	7.5127
0.80	2.6005	1.6118	27.9669	21.2622	1.3153	1.2055	7.3732

T= 10700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.7842	1.5523	26.4208	20.1108	1.3138	1.2097	7.2486
1.20	2.9692	1.4997	24.2817	18.5492	1.3090	1.2174	7.1475
1.40	3.1566	1.4568	21.8768	16.7945	1.3026	1.2306	7.0824
1.60	3.3476	1.4266	19.4562	15.0133	1.2959	1.2509	7.0663
1.80	3.5435	1.4133	17.1697	13.3262	1.2884	1.2815	7.1188
2.00	3.7463	1.4227	15.1046	11.7972	1.2804	1.3264	7.2663
2.20	3.9586	1.4636	0.0	10.4709	0.0	0.0	0.0

T= 10800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8034	3.9746	0.0	8.7663	0.0	0.0	0.0
-6.80	-4.6039	3.9706	14.1703	9.8294	1.4416	1.4380	12.6983
-6.60	-4.4046	3.9642	16.0231	11.4815	1.3956	1.3906	12.4776
-6.40	-4.2056	3.9544	18.9061	14.0227	1.3483	1.3399	12.2329
-6.20	-4.0073	3.9392	23.2454	17.8385	1.3031	1.2908	11.9833
-6.00	-3.8098	3.9162	29.7122	23.4539	1.2668	1.2476	11.7468
-5.80	-3.6137	3.8820	38.8207	31.3131	1.2398	1.2130	11.5320
-5.60	-3.4192	3.8325	51.3041	41.7275	1.2295	1.1871	11.3353
-5.40	-3.2271	3.7635	66.7923	54.4900	1.2258	1.1687	11.1455
-5.20	-3.0378	3.6720	84.4032	68.5215	1.2318	1.1561	10.9495
-5.00	-2.8516	3.5574	101.8093	81.9424	1.2424	1.1476	10.7378
-4.80	-2.6684	3.4225	116.2308	92.5630	1.2557	1.1421	10.5070
-4.60	-2.4877	3.2736	125.2248	98.8205	1.2672	1.1386	10.2601
-4.40	-2.3088	3.1184	127.6152	100.1325	1.2745	1.1367	10.0054
-4.20	-2.1307	2.9649	123.7365	96.9599	1.2762	1.1357	9.7517
-4.00	-1.9525	2.8196	115.0884	90.4606	1.2722	1.1357	9.5098
-3.80	-1.7735	2.6870	103.5592	81.8894	1.2646	1.1364	9.2864
-3.60	-1.5929	2.5693	90.9083	72.4252	1.2552	1.1380	9.0871
-3.40	-1.4105	2.4673	78.2596	62.9480	1.2432	1.1403	8.9141
-3.20	-1.2260	2.3805	66.5745	53.9972	1.2329	1.1435	8.7682
-3.00	-1.0395	2.3077	56.2332	45.9300	1.2243	1.1478	8.6490
-2.80	-0.8511	2.2472	47.3081	38.8530	1.2176	1.1530	8.5543
-2.60	-0.6608	2.1974	39.8016	32.7970	1.2136	1.1594	8.4824
-2.40	-0.4690	2.1566	33.6017	27.7131	1.2125	1.1671	8.4312
-2.20	-0.2757	2.1232	28.5249	23.5123	1.2132	1.1760	8.3976
-2.00	-0.0813	2.0959	24.4584	20.0858	1.2177	1.1863	8.3798
-1.80	0.1139	2.0733	21.2232	17.3470	1.2235	1.1976	8.3739
-1.60	0.3099	2.0543	18.7485	15.2194	1.2319	1.2093	8.3763
-1.40	0.5064	2.0376	16.9648	13.6509	1.2428	1.2209	8.3821
-1.20	0.7031	2.0221	15.8096	12.6229	1.2525	1.2311	8.3848
-1.00	0.8997	2.0063	15.2993	12.1367	1.2598	1.2381	8.3759
-0.80	1.0959	1.9888	15.4822	12.2287	1.2661	1.2405	8.3473
-0.60	1.2912	1.9676	16.4493	12.9299	1.2722	1.2383	8.2950
-0.40	1.4852	1.9407	18.1594	14.2342	1.2758	1.2322	8.2178
-0.20	1.6774	1.9062	20.5363	16.0165	1.2822	1.2245	8.1191
0.0	1.8675	1.8630	23.2163	18.0128	1.2889	1.2170	8.0020
0.20	2.0552	1.8112	25.7467	19.8368	1.2979	1.2112	7.8710
0.40	2.2409	1.7523	27.5860	21.1054	1.3071	1.2072	7.7295
0.60	2.4250	1.6894	28.3520	21.5843	1.3135	1.2059	7.5853
0.80	2.6084	1.6260	27.9727	21.2407	1.3169	1.2068	7.4443
1.00	2.7920	1.5658	26.5981	20.2257	1.3151	1.2104	7.3163
1.20	2.9769	1.5121	24.5907	18.7482	1.3116	1.2182	7.2128
1.40	3.1640	1.4679	22.2379	17.0344	1.3055	1.2310	7.1438
1.60	3.3546	1.4365	19.8165	15.2674	1.2980	1.2509	7.1236

T= 10800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.5501	1.4219	17.5116	13.5687	1.2906	1.2812	7.1729
2.00	3.7526	1.4301	15.4086	12.0185	1.2821	1.3255	7.3168
2.20	3.9645	1.4699	0.0	10.6677	0.0	0.0	0.0

T= 10900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7993	3.9756	0.0	8.5010	0.0	0.0	0.0
-6.80	-4.5997	3.9721	13.7069	9.3952	1.4589	1.4539	12.8300
-6.60	-4.4003	3.9666	15.2792	10.7948	1.4154	1.4098	12.6250
-6.40	-4.2012	3.9581	17.7109	12.9637	1.3662	1.3591	12.3825
-6.20	-4.0027	3.9449	21.4667	16.2543	1.3207	1.3094	12.1338
-6.00	-3.8049	3.9248	27.0644	21.1176	1.2816	1.2638	11.8905
-5.80	-3.6082	3.8948	35.0915	28.0507	1.2510	1.2258	11.6656
-5.60	-3.4132	3.8508	46.1852	37.4592	1.2329	1.1969	11.4619
-5.40	-3.2202	3.7887	60.4857	49.3036	1.2268	1.1759	11.2685
-5.20	-3.0299	3.7048	77.2947	62.8327	1.2302	1.1612	11.0737
-5.00	-2.8427	3.5977	94.7682	76.4032	1.2404	1.1516	10.8669
-4.80	-2.6585	3.4691	110.2611	87.9677	1.2534	1.1450	10.6404
-4.60	-2.4770	3.3240	121.0120	95.6461	1.2652	1.1410	10.3974
-4.40	-2.2976	3.1701	125.5981	98.5484	1.2745	1.1385	10.1425
-4.20	-2.1194	3.0152	123.6685	96.8134	1.2774	1.1371	9.8859
-4.00	-1.9413	2.8667	116.5253	91.3723	1.2753	1.1368	9.6379
-3.80	-1.7626	2.7295	105.9578	83.4979	1.2690	1.1374	9.4068
-3.60	-1.5826	2.6067	93.7128	74.3915	1.2597	1.1386	9.1979
-3.40	-1.4009	2.4996	81.1630	65.0082	1.2485	1.1407	9.0152
-3.20	-1.2171	2.4078	69.3306	56.0018	1.2380	1.1437	8.8596
-3.00	-1.0313	2.3305	58.6503	47.7764	1.2276	1.1476	8.7310
-2.80	-0.8434	2.2661	49.4248	40.4816	1.2209	1.1524	8.6277
-2.60	-0.6538	2.2129	41.6108	34.2104	1.2163	1.1585	8.5483
-2.40	-0.4624	2.1693	35.0896	28.9154	1.2135	1.1658	8.4903
-2.20	-0.2696	2.1336	29.7456	24.5006	1.2141	1.1745	8.4516
-2.00	-0.0756	2.1044	25.4393	20.8955	1.2175	1.1843	8.4283
-1.80	0.1194	2.0803	22.0024	17.9961	1.2226	1.1952	8.4183
-1.60	0.3152	2.0601	19.3592	15.7204	1.2315	1.2068	8.4182
-1.40	0.5115	2.0426	17.3852	14.0179	1.2402	1.2185	8.4227
-1.20	0.7081	2.0267	16.0675	12.8506	1.2503	1.2292	8.4265
-1.00	0.9047	2.0108	15.3978	12.2266	1.2594	1.2371	8.4204
-0.80	1.1009	1.9936	15.4004	12.1684	1.2656	1.2407	8.3967
-0.60	1.2965	1.9732	16.1531	12.7124	1.2707	1.2395	8.3495
-0.40	1.4908	1.9476	17.6770	13.8597	1.2754	1.2344	8.2782
-0.20	1.6834	1.9148	19.8756	15.5218	1.2805	1.2271	8.1839
0.0	1.8739	1.8735	22.5000	17.4702	1.2879	1.2197	8.0705
0.20	2.0622	1.8235	25.0758	19.3342	1.2970	1.2135	7.9417
0.40	2.2482	1.7659	27.0695	20.7239	1.3062	1.2096	7.8029
0.60	2.4327	1.7037	28.0668	21.3729	1.3132	1.2076	7.6579
0.80	2.6162	1.6403	27.9305	21.1987	1.3176	1.2083	7.5160
1.00	2.7998	1.5795	26.7677	20.3200	1.3173	1.2118	7.3861
1.20	2.9845	1.5247	24.8629	18.9335	1.3132	1.2191	7.2789
1.40	3.1713	1.4793	22.5858	17.2746	1.3075	1.2317	7.2065
1.60	3.3616	1.4465	20.1897	15.5244	1.3005	1.2515	7.1835
1.80	3.5568	1.4307	17.8623	13.8211	1.2924	1.2816	7.2292
2.00	3.7589	1.4377	15.7233	12.2528	1.2832	1.3253	7.3694
2.20	3.9704	1.4763	0.0	10.8785	0.0	0.0	0.0

T= 11000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7953	3.9764	0.0	8.2489	0.0	0.0	0.0
-6.80	-4.5956	3.9734	13.2640	9.0067	1.4727	1.4676	12.9512
-6.60	-4.3961	3.9686	14.6399	10.2019	1.4350	1.4259	12.7583
-6.40	-4.1969	3.9612	16.6926	12.0508	1.3852	1.3780	12.5305
-6.20	-3.9982	3.9498	19.8862	14.8786	1.3366	1.3274	12.2804
-6.00	-3.8001	3.9322	24.7520	19.1080	1.2954	1.2801	12.0332
-5.80	-3.6030	3.9058	31.8416	25.2071	1.2632	1.2394	11.8004
-5.60	-3.4074	3.8668	41.7052	33.6467	1.2395	1.2072	11.5876
-5.40	-3.2137	3.8110	54.7793	44.5509	1.2296	1.1835	11.3905
-5.20	-3.0225	3.7345	70.6672	57.4386	1.2303	1.1669	11.1961
-5.00	-2.8342	3.6350	87.9051	71.0027	1.2381	1.1556	10.9926
-4.80	-2.6491	3.5130	104.0775	83.2406	1.2503	1.1482	10.7715
-4.60	-2.4668	3.3726	116.4427	92.1915	1.2631	1.1433	10.5317
-4.40	-2.2868	3.2207	122.9895	96.6111	1.2730	1.1403	10.2781
-4.20	-2.1083	3.0654	123.1540	96.3178	1.2786	1.1386	10.0200
-4.00	-1.9302	2.9141	117.6069	92.0364	1.2778	1.1380	9.7668
-3.80	-1.7518	2.7728	108.1096	84.9430	1.2727	1.1383	9.5284
-3.60	-1.5723	2.6452	96.3909	76.2601	1.2640	1.1392	9.3103
-3.40	-1.3911	2.5329	84.0574	67.0547	1.2536	1.1411	9.1182
-3.20	-1.2080	2.4362	72.0898	58.0259	1.2424	1.1439	8.9533
-3.00	-1.0229	2.3543	61.2139	49.6535	1.2328	1.1474	8.8150
-2.80	-0.8357	2.2859	51.6543	42.1713	1.2249	1.1519	8.7030
-2.60	-0.6466	2.2292	43.4931	35.6869	1.2187	1.1577	8.6161
-2.40	-0.4558	2.1826	36.6652	30.1588	1.2157	1.1646	8.5510
-2.20	-0.2634	2.1445	31.0401	25.5445	1.2151	1.1728	8.5057
-2.00	-0.0698	2.1133	26.4781	21.7507	1.2173	1.1823	8.4776
-1.80	0.1249	2.0876	22.8513	18.6842	1.2230	1.1930	8.4638
-1.60	0.3204	2.0662	19.9961	16.2573	1.2300	1.2044	8.4608
-1.40	0.5165	2.0478	17.8605	14.4117	1.2393	1.2162	8.4642
-1.20	0.7130	2.0313	16.3627	13.1096	1.2482	1.2271	8.4677
-1.00	0.9096	2.0153	15.5271	12.3413	1.2581	1.2356	8.4634
-0.80	1.1059	1.9984	15.3602	12.1282	1.2665	1.2404	8.4441
-0.60	1.3016	1.9786	15.9045	12.5019	1.2722	1.2408	8.4037
-0.40	1.4962	1.9542	17.2046	13.4785	1.2764	1.2368	8.3381
-0.20	1.6892	1.9230	19.2084	14.9922	1.2812	1.2298	8.2478
0.0	1.8802	1.8835	21.7066	16.8482	1.2884	1.2227	8.1390
0.20	2.0689	1.8352	24.2581	18.7083	1.2972	1.2162	8.0127
0.40	2.2554	1.7790	26.3776	20.1847	1.3068	1.2118	7.8749
0.60	2.4402	1.7176	27.5670	20.9765	1.3142	1.2095	7.7307
0.80	2.6239	1.6543	27.6475	20.9670	1.3186	1.2099	7.5877
1.00	2.8075	1.5930	26.7073	20.2321	1.3200	1.2132	7.4561
1.20	2.9920	1.5373	24.9579	18.9591	1.3164	1.2201	7.3453
1.40	3.1785	1.4907	22.7663	17.3689	1.3107	1.2323	7.2692
1.60	3.3686	1.4567	20.4096	15.6591	1.3034	1.2519	7.2427
1.80	3.5635	1.4396	18.0950	13.9726	1.2950	1.2813	7.2840
2.00	3.7652	1.4454	15.9554	12.4035	1.2864	1.3246	7.4211
2.20	3.9763	1.4828	0.0	11.0219	0.0	0.0	0.0

T= 11100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7912	3.9771	0.0	8.0819	0.0	0.0	0.0
-6.80	-4.5915	3.9745	12.9277	8.7220	1.4822	1.4796	13.0651
-6.60	-4.3920	3.9703	14.0559	9.7389	1.4433	1.4410	12.8869
-6.40	-4.1927	3.9639	15.8491	11.3185	1.4003	1.3954	12.6710

T= 11100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-3.9938	3.9539	18.6269	13.7545	1.3542	1.3454	12.4261
-6.00	-3.7955	3.9386	22.8415	17.4099	1.3120	1.2964	12.1739
-5.80	-3.5980	3.9153	29.0310	22.7717	1.2749	1.2534	11.9351
-5.60	-3.4019	3.8808	37.7961	30.2982	1.2475	1.2183	11.7150
-5.40	-3.2075	3.8308	49.6404	40.2421	1.2335	1.1920	11.5126
-5.20	-3.0155	3.7613	64.4723	52.4118	1.2301	1.1732	11.3177
-5.00	-2.8262	3.6693	81.2010	65.6899	1.2361	1.1602	11.1162
-4.80	-2.6401	3.5543	97.7146	78.3614	1.2470	1.1515	10.9000
-4.60	-2.4569	3.4192	111.3807	88.3864	1.2602	1.1459	10.6644
-4.40	-2.2763	3.2701	119.7811	94.1939	1.2716	1.1423	10.4130
-4.20	-2.0974	3.1150	121.9233	95.3769	1.2783	1.1402	10.1537
-4.00	-1.9193	2.9618	118.1524	92.2962	1.2801	1.1393	9.8969
-3.80	-1.7411	2.8168	109.8397	86.0823	1.2760	1.1392	9.6513
-3.60	-1.5619	2.6846	98.8638	77.9440	1.2684	1.1400	9.4253
-3.40	-1.3813	2.5673	86.7863	68.9703	1.2583	1.1417	9.2238
-3.20	-1.1989	2.4656	74.7725	59.9677	1.2469	1.1440	9.0485
-3.00	-1.0144	2.3791	63.6896	51.4885	1.2370	1.1473	8.9011
-2.80	-0.8279	2.3065	53.8506	43.8441	1.2282	1.1517	8.7810
-2.60	-0.6394	2.2463	45.3742	37.1452	1.2215	1.1571	8.6857
-2.40	-0.4491	2.1966	38.2384	31.4055	1.2176	1.1637	8.6138
-2.20	-0.2572	2.1559	32.3736	26.6036	1.2169	1.1714	8.5618
-2.00	-0.0639	2.1226	27.5536	22.6254	1.2178	1.1804	8.5280
-1.80	0.1304	2.0952	23.6867	19.3920	1.2215	1.1908	8.5102
-1.60	0.3257	2.0725	20.6629	16.8177	1.2286	1.2020	8.5035
-1.40	0.5216	2.0532	18.3541	14.8370	1.2370	1.2136	8.5047
-1.20	0.7180	2.0361	16.7090	13.4022	1.2467	1.2246	8.5074
-1.00	0.9145	2.0198	15.7036	12.5030	1.2560	1.2340	8.5057
-0.80	1.1108	2.0030	15.3661	12.1523	1.2645	1.2402	8.4914
-0.60	1.3067	1.9838	15.7369	12.3805	1.2711	1.2416	8.4556
-0.40	1.5015	1.9604	16.8552	13.2089	1.2760	1.2387	8.3954
-0.20	1.6949	1.9306	18.6998	14.5959	1.2812	1.2323	8.3101
0.0	1.8863	1.8929	21.0926	16.3736	1.2882	1.2251	8.2042
0.20	2.0755	1.8463	23.6319	18.2383	1.2957	1.2187	8.0818
0.40	2.2624	1.7917	25.8612	19.8026	1.3060	1.2138	7.9451
0.60	2.4475	1.7312	27.2445	20.7397	1.3136	1.2114	7.8020
0.80	2.6314	1.6681	27.5544	20.8877	1.3192	1.2114	7.6586
1.00	2.8150	1.6065	26.8015	20.2974	1.3204	1.2144	7.5251
1.20	2.9995	1.5500	25.2163	19.1286	1.3183	1.2212	7.4121
1.40	3.1859	1.5022	23.1016	17.5966	1.3128	1.2330	7.3325
1.60	3.3756	1.4669	20.7686	15.9121	1.3052	1.2522	7.3018
1.80	3.5701	1.4485	18.4406	14.2225	1.2966	1.2815	7.3403
2.00	3.7715	1.4531	16.2526	12.6374	1.2869	1.3243	7.4739
2.20	3.9822	1.4894	0.0	11.2347	0.0	0.0	0.0

T= 11200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7873	3.9778	0.0	7.9564	0.0	0.0	0.0
-6.80	-4.5875	3.9754	12.6521	8.4908	1.4901	1.4900	13.1712
-6.60	-4.3879	3.9718	13.6314	9.3541	1.4573	1.4559	13.0137
-6.40	-4.1886	3.9662	15.2574	10.7091	1.4247	1.4124	12.8087
-6.20	-3.9895	3.9575	17.6098	12.8011	1.3756	1.3636	12.5719
-6.00	-3.7910	3.9440	21.1753	15.9760	1.3254	1.3138	12.3189
-5.80	-3.5932	3.9236	26.5655	20.6512	1.2864	1.2684	12.0728
-5.60	-3.3966	3.8930	34.3680	27.3361	1.2572	1.2304	11.8445

T= 11200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.40	-3.2017	3.9483	45.0360	36.3538	1.2388	1.2012	11.6355
-5.20	-3.0088	3.7854	58.7412	47.6745	1.2321	1.1800	11.4377
-5.00	-2.8186	3.7006	74.7618	60.5389	1.2349	1.1653	11.2386
-4.80	-2.6315	3.5927	91.3929	73.3933	1.2452	1.1554	11.0260
-4.60	-2.4474	3.4634	105.9655	84.2272	1.2581	1.1487	10.7947
-4.40	-2.2660	3.3180	116.0303	91.3665	1.2699	1.1445	10.5459
-4.20	-2.0867	3.1640	120.0766	93.9538	1.2780	1.1420	10.2871
-4.00	-1.9084	3.0094	118.0700	92.1555	1.2812	1.1407	10.0271
-3.80	-1.7304	2.8613	111.1501	86.9012	1.2790	1.1403	9.7756
-3.60	-1.5516	2.7248	100.9927	79.3752	1.2723	1.1409	9.5419
-3.40	-1.3715	2.6026	89.2886	70.7101	1.2627	1.1422	9.3309
-3.20	-1.1897	2.4961	77.4188	61.8112	1.2525	1.1443	9.1464
-3.00	-1.0058	2.4049	66.1431	53.2760	1.2415	1.1474	8.9900
-2.80	-0.8199	2.3281	56.0290	45.4917	1.2316	1.1514	8.8606
-2.60	-0.6320	2.2641	47.2809	38.6086	1.2246	1.1565	8.7571
-2.40	-0.4423	2.2113	39.8555	32.6767	1.2197	1.1627	8.6778
-2.20	-0.2509	2.1679	33.6879	27.6668	1.2176	1.1702	8.6198
-2.00	-0.0581	2.1324	28.6696	23.5108	1.2194	1.1788	8.5803
-1.80	0.1360	2.1033	24.5964	20.1134	1.2229	1.1888	8.5575
-1.60	0.3310	2.0792	21.3579	17.3956	1.2278	1.1999	8.5478
-1.40	0.5267	2.0588	18.8732	15.2726	1.2358	1.2112	8.5460
-1.20	0.7229	2.0410	17.0755	13.7102	1.2455	1.2226	8.5487
-1.00	0.9194	2.0244	15.9098	12.6805	1.2547	1.2326	8.5486
-0.80	1.1157	2.0075	15.3946	12.1879	1.2631	1.2395	8.5373
-0.60	1.3117	1.9888	15.5665	12.2664	1.2690	1.2421	8.5058
-0.40	1.5067	1.9663	16.4769	12.9345	1.2739	1.2403	8.4512
-0.20	1.7004	1.9379	18.1392	14.1703	1.2801	1.2348	8.3716
0.0	1.8922	1.9018	20.3946	15.8390	1.2876	1.2278	8.2699
0.20	2.0819	1.8571	22.8965	17.6642	1.2962	1.2214	8.1504
0.40	2.2693	1.8040	25.1741	19.2876	1.3052	1.2163	8.0165
0.60	2.4547	1.7445	26.7219	20.3301	1.3144	1.2135	7.8741
0.80	2.6389	1.6818	27.2370	20.6455	1.3193	1.2131	7.7302
1.00	2.8226	1.6199	26.7118	20.1946	1.3227	1.2158	7.5950
1.20	3.0069	1.5627	25.2881	19.1401	1.3212	1.2223	7.4795
1.40	3.1932	1.5139	23.2746	17.6955	1.3153	1.2340	7.3969
1.60	3.3826	1.4774	21.0088	16.0572	1.3084	1.2527	7.3622
1.80	3.5767	1.4577	18.6988	14.3883	1.2996	1.2815	7.3968
2.00	3.7778	1.4611	16.5108	12.8104	1.2889	1.3236	7.5262
2.20	3.9881	1.4962	0.0	11.4012	0.0	0.0	0.0

T= 11300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7834	3.9783	0.0	7.8134	0.0	0.0	0.0
-6.80	-4.5836	3.9762	12.4287	8.2648	1.5038	1.5001	13.2759
-6.60	-4.3839	3.9731	13.2914	8.9983	1.4771	1.4688	13.1316
-6.40	-4.1845	3.9681	14.5421	10.1552	1.4320	1.4289	12.9442
-6.20	-3.9853	3.9605	16.5997	11.9559	1.3884	1.3814	12.7148
-6.00	-3.7866	3.9487	19.6911	14.7009	1.3395	1.3316	12.4651
-5.80	-3.5886	3.9307	24.4721	18.8077	1.3012	1.2842	12.2131
-5.60	-3.3916	3.9036	31.3136	24.7262	1.2664	1.2435	11.9763
-5.40	-3.1961	3.8638	40.9316	32.8657	1.2454	1.2115	11.7607
-5.20	-3.0025	3.8069	53.4791	43.3200	1.2345	1.1877	11.5589
-5.00	-2.8115	3.7292	68.7162	55.6198	1.2355	1.1709	11.3590
-4.80	-2.6233	3.6284	85.1149	68.4581	1.2433	1.1594	11.1495

T= 11300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.4383	3.5053	100.3354	79.9684	1.2547	1.1519	10.9230
-4.40	-2.2562	3.3642	111.8545	88.2244	1.2678	1.1469	10.6778
-4.20	-2.0763	3.2120	117.7557	92.1572	1.2778	1.1438	10.4193
-4.00	-1.8978	3.0569	117.5662	91.6774	1.2824	1.1421	10.1570
-3.80	-1.7197	2.9062	112.0546	87.4415	1.2815	1.1415	9.9008
-3.60	-1.5413	2.7657	102.8505	80.6153	1.2758	1.1418	9.6598
-3.40	-1.3616	2.6389	91.6789	72.3454	1.2672	1.1429	9.4403
-3.20	-1.1804	2.5275	79.9317	63.5948	1.2569	1.1448	9.2467
-3.00	-0.9972	2.4317	68.5823	55.0442	1.2459	1.1475	9.0807
-2.80	-0.8119	2.3505	58.2684	47.1344	1.2362	1.1512	8.9421
-2.60	-0.6246	2.2827	49.2230	40.0800	1.2281	1.1561	8.8309
-2.40	-0.4354	2.2266	41.5167	33.9524	1.2228	1.1619	8.7433
-2.20	-0.2445	2.1805	35.0586	28.7608	1.2190	1.1689	8.6783
-2.00	-0.0521	2.1427	29.7890	24.4213	1.2198	1.1774	8.6340
-1.80	0.1416	2.1117	25.4936	20.8625	1.2220	1.1869	8.6059
-1.60	0.3363	2.0861	22.0695	17.9895	1.2268	1.1978	8.5926
-1.40	0.5318	2.0646	19.4386	15.7339	1.2355	1.2092	8.5889
-1.20	0.7278	2.0460	17.4684	14.0410	1.2441	1.2205	8.5901
-1.00	0.9242	2.0289	16.1371	12.8811	1.2528	1.2307	8.5900
-0.80	1.1206	2.0120	15.4637	12.2544	1.2619	1.2384	8.5808
-0.60	1.3166	1.9936	15.4859	12.1812	1.2713	1.2422	8.5545
-0.40	1.5118	1.9719	16.1952	12.6915	1.2761	1.2415	8.5055
-0.20	1.7058	1.9447	17.6448	13.7759	1.2808	1.2372	8.4317
0.0	1.8980	1.9102	19.7178	15.3225	1.2869	1.2305	8.3341
0.20	2.0881	1.8672	22.1651	17.0916	1.2968	1.2239	8.2176
0.40	2.2760	1.8156	24.4654	18.7414	1.3054	1.2189	8.0868
0.60	2.4618	1.7573	26.1492	19.8927	1.3145	1.2157	7.9453
0.80	2.6461	1.6952	26.8680	20.3329	1.3214	1.2150	7.8014
1.00	2.8299	1.6331	26.5172	20.0284	1.3240	1.2173	7.6646
1.20	3.0143	1.5752	25.2754	19.0971	1.3235	1.2236	7.5469
1.40	3.2003	1.5254	23.3908	17.7360	1.3188	1.2349	7.4608
1.60	3.3895	1.4878	21.1798	16.1557	1.3110	1.2533	7.4228
1.80	3.5833	1.4669	18.8998	14.5129	1.3023	1.2817	7.4536
2.00	3.7840	1.4691	16.7227	12.9439	1.2919	1.3232	7.5790
2.20	3.9939	1.5030	0.0	11.5414	0.0	0.0	0.0

T= 11400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7795	3.9787	0.0	7.7262	0.0	0.0	0.0
-6.80	-4.5797	3.9769	12.2553	8.1029	1.5125	1.5080	13.3708
-6.60	-4.3800	3.9741	12.9496	8.7256	1.4841	1.4802	13.2423
-6.40	-4.1805	3.9698	14.0309	9.7172	1.4439	1.4425	13.0658
-6.20	-3.9812	3.9631	15.8195	11.2666	1.4041	1.3978	12.8508
-6.00	-3.7823	3.9528	18.5606	13.6478	1.3600	1.3486	12.6052
-5.80	-3.5841	3.9369	22.6906	17.2242	1.3174	1.2999	12.3517
-5.60	-3.3867	3.9129	28.6953	22.4462	1.2784	1.2570	12.1091
-5.40	-3.1907	3.8774	37.2897	29.7804	1.2522	1.2224	11.8866
-5.20	-2.9965	3.8261	48.7584	39.3828	1.2381	1.1959	11.6789
-5.00	-2.8046	3.7550	63.0919	51.0274	1.2364	1.1769	11.4780
-4.80	-2.6156	3.6613	79.0797	63.6621	1.2422	1.1638	11.2708
-4.60	-2.4296	3.5448	94.6977	75.5710	1.2531	1.1552	11.0486
-4.40	-2.2467	3.4085	107.3703	84.8417	1.2655	1.1495	10.8078
-4.20	-2.0662	3.2589	114.9751	90.0835	1.2763	1.1459	10.5512
-4.00	-1.8873	3.1039	116.5978	90.8757	1.2830	1.1438	10.2875

T= 11400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-1.7092	2.9512	112.6130	87.7411	1.2835	1.1429	10.0273
-3.60	-1.5310	2.8071	104.5120	81.6827	1.2795	1.1428	9.7793
-3.40	-1.3518	2.6760	93.9398	73.8684	1.2717	1.1437	9.5516
-3.20	-1.1710	2.5598	82.3630	65.3212	1.2609	1.1453	9.3486
-3.00	-0.9884	2.4593	70.9958	56.7939	1.2501	1.1477	9.1731
-2.80	-0.8038	2.3738	60.4666	48.7848	1.2395	1.1513	9.0261
-2.60	-0.6171	2.3022	51.2095	41.5658	1.2320	1.1557	8.9058
-2.40	-0.4285	2.2427	43.2262	35.2770	1.2253	1.1612	8.8110
-2.20	-0.2381	2.1936	36.5136	29.8846	1.2218	1.1679	8.7394
-2.00	-0.0461	2.1534	30.9647	25.3703	1.2205	1.1760	8.6886
-1.80	0.1472	2.1205	26.4644	21.6428	1.2228	1.1853	8.6560
-1.60	0.3416	2.0933	22.8443	18.6258	1.2265	1.1956	8.6378
-1.40	0.5369	2.0707	20.0184	16.2349	1.2330	1.2070	8.6316
-1.20	0.7328	2.0512	17.9058	14.4184	1.2419	1.2183	8.6311
-1.00	0.9290	2.0336	16.4534	13.1389	1.2523	1.2288	8.6310
-0.80	1.1254	2.0165	15.6249	12.3920	1.2609	1.2371	8.6236
-0.60	1.3214	1.9984	15.4782	12.1986	1.2688	1.2419	8.6014
-0.40	1.5168	1.9773	16.0418	12.5822	1.2750	1.2424	8.5574
-0.20	1.7111	1.9512	17.3432	13.5480	1.2801	1.2388	8.4885
0.0	1.9036	1.9182	19.3099	15.0095	1.2865	1.2324	8.3949
0.20	2.0942	1.8769	21.6790	16.7551	1.2939	1.2257	8.2813
0.40	2.2825	1.8269	24.0422	18.4467	1.3033	1.2204	8.1527
0.60	2.4687	1.7698	25.8893	19.7175	1.3130	1.2168	8.0122
0.80	2.6533	1.7083	26.8112	20.3066	1.3203	1.2160	7.8692
1.00	2.8373	1.6463	26.6632	20.1436	1.3237	1.2181	7.7317
1.20	3.0216	1.5878	25.5665	19.3178	1.3235	1.2240	7.6116
1.40	3.2075	1.5371	23.7958	18.0235	1.3203	1.2348	7.5221
1.60	3.3964	1.4983	21.6055	16.4687	1.3119	1.2529	7.4810
1.80	3.5899	1.4763	19.3305	14.8297	1.3035	1.2812	7.5091
2.00	3.7902	1.4773	17.1070	13.2380	1.2923	1.3219	7.6299
2.20	3.9997	1.5099	0.0	11.8058	0.0	0.0	0.0

T= 11500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7757	3.9791	0.0	7.6574	0.0	0.0	0.0
-6.80	-4.5758	3.9775	12.0708	7.9652	1.5154	1.5137	13.4558
-6.60	-4.3761	3.9751	12.6140	8.4911	1.4856	1.4903	13.3475
-6.40	-4.1765	3.9713	13.6683	9.3418	1.4631	1.4559	13.1861
-6.20	-3.9772	3.9654	15.1666	10.6791	1.4202	1.4133	12.9819
-6.00	-3.7782	3.9563	17.5422	12.7419	1.3767	1.3656	12.7466
-5.80	-3.5797	3.9423	21.0422	15.8752	1.3255	1.3166	12.4934
-5.60	-3.3820	3.9210	26.4739	20.4862	1.2923	1.2715	12.2444
-5.40	-3.1856	3.8893	34.0677	27.0238	1.2607	1.2339	12.0130
-5.20	-2.9908	3.8432	44.5397	35.7838	1.2447	1.2047	11.7997
-5.00	-2.7981	3.7784	57.7820	46.7113	1.2370	1.1836	11.5967
-4.80	-2.6082	3.6916	73.2258	58.9906	1.2413	1.1687	11.3906
-4.60	-2.4213	3.5818	88.9684	71.1435	1.2505	1.1588	11.1721
-4.40	-2.2375	3.4509	102.5629	81.1772	1.2634	1.1521	10.9347
-4.20	-2.0563	3.3046	111.6609	87.6012	1.2747	1.1480	10.6808
-4.00	-1.8771	3.1503	115.0448	89.6696	1.2830	1.1455	10.4173
-3.80	-1.6989	2.9962	112.6982	87.6645	1.2856	1.1442	10.1538
-3.60	-1.5207	2.8491	105.7459	82.4541	1.2825	1.1439	9.8998
-3.40	-1.3419	2.7138	95.8718	75.1783	1.2753	1.1445	9.6644
-3.20	-1.1616	2.5931	84.7049	66.8978	1.2662	1.1459	9.4527

T= 11500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-0.9796	2.4879	73.3758	58.4527	1.2553	1.1482	9.2685
-2.80	-0.7956	2.3980	62.7013	50.3935	1.2442	1.1513	9.1119
-2.60	-0.6095	2.3224	53.1815	43.0415	1.2356	1.1555	8.9832
-2.40	-0.4215	2.2594	44.9301	36.5685	1.2287	1.1607	8.8807
-2.20	-0.2316	2.2074	37.9644	31.0078	1.2244	1.1672	8.8022
-2.00	-0.0400	2.1647	32.1739	26.3188	1.2225	1.1747	8.7449
-1.80	0.1529	2.1297	27.4227	22.4303	1.2226	1.1836	8.7067
-1.60	0.3470	2.1009	23.6442	19.2616	1.2275	1.1936	8.6838
-1.40	0.5420	2.0769	20.6291	16.7377	1.2325	1.2047	8.6742
-1.20	0.7377	2.0565	18.3566	14.7928	1.2409	1.2161	8.6725
-1.00	0.9338	2.0383	16.7417	13.3917	1.2502	1.2270	8.6726
-0.80	1.1301	2.0210	15.7792	12.5197	1.2604	1.2360	8.6672
-0.60	1.3262	2.0030	15.4462	12.1874	1.2674	1.2419	8.6490
-0.40	1.5218	1.9825	15.8321	12.4258	1.2741	1.2432	8.6091
-0.20	1.7162	1.9574	16.9448	13.2378	1.2800	1.2405	8.5451
0.0	1.9092	1.9258	18.7493	14.5689	1.2869	1.2350	8.4572
0.20	2.1001	1.8862	20.9945	16.2311	1.2935	1.2284	8.3473
0.40	2.2889	1.8379	23.3513	17.9041	1.3042	1.2227	8.2205
0.60	2.4755	1.7821	25.2693	19.2467	1.3129	1.2190	8.0827
0.80	2.6604	1.7213	26.3697	19.9701	1.3205	1.2178	7.9398
1.00	2.8445	1.6594	26.4369	19.9401	1.3258	1.2198	7.8019
1.20	3.0288	1.6005	25.5139	19.2409	1.3260	1.2251	7.6791
1.40	3.2146	1.5490	23.8594	18.0421	1.3224	1.2359	7.5875
1.60	3.4033	1.5091	21.7706	16.5547	1.3151	1.2537	7.5429
1.80	3.5965	1.4858	19.5228	14.9512	1.3058	1.2812	7.5662
2.00	3.7965	1.4856	17.3244	13.3771	1.2951	1.3214	7.6836
2.20	4.0055	1.5170	0.0	11.9559	0.0	0.0	0.0

T= 11600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7719	3.9795	0.0	7.6180	0.0	0.0	0.0
-6.80	-4.5720	3.9781	11.9357	7.8630	1.5179	1.5192	13.5397
-6.60	-4.3722	3.9759	12.4681	8.3034	1.5016	1.4983	13.4426
-6.40	-4.1726	3.9725	13.3060	9.0266	1.4741	1.4681	13.3009
-6.20	-3.9732	3.9673	14.6019	10.1800	1.4344	1.4280	13.1095
-6.00	-3.7741	3.9593	16.6332	11.9673	1.3899	1.3819	12.8827
-5.80	-3.5754	3.9470	19.7185	14.6947	1.3419	1.3330	12.6332
-5.60	-3.3775	3.9281	24.3961	18.7486	1.3012	1.2864	12.3809
-5.40	-3.1806	3.8998	31.2072	24.5876	1.2692	1.2458	12.1397
-5.20	-2.9853	3.8583	40.6483	32.5500	1.2488	1.2142	11.9239
-5.00	-2.7920	3.7994	53.0030	42.7260	1.2405	1.1906	11.7143
-4.80	-2.6012	3.7194	67.6518	54.5190	1.2409	1.1742	11.5098
-4.60	-2.4134	3.6162	83.3194	66.6735	1.2497	1.1627	11.2937
-4.40	-2.2287	3.4912	97.4911	77.3598	1.2602	1.1551	11.0603
-4.20	-2.0468	3.3487	108.0190	84.8513	1.2730	1.1503	10.8093
-4.00	-1.8671	3.1960	113.0133	88.1749	1.2817	1.1472	10.5460
-3.80	-1.6887	3.0411	112.3209	87.3074	1.2865	1.1456	10.2800
-3.60	-1.5106	2.8914	106.6199	82.9953	1.2846	1.1450	10.0211
-3.40	-1.3320	2.7522	97.6247	76.3243	1.2791	1.1454	9.7787
-3.20	-1.1522	2.6271	86.8600	68.3835	1.2702	1.1466	9.5587
-3.00	-0.9707	2.5173	75.6470	60.0619	1.2595	1.1487	9.3655
-2.80	-0.7873	2.4230	64.9466	51.9782	1.2495	1.1515	9.1996
-2.60	-0.6018	2.3433	55.1443	44.5172	1.2387	1.1554	9.0623
-2.40	-0.4144	2.2768	46.6535	37.8967	1.2311	1.1602	8.9516

T= 11600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.2250	2.2217	39.4243	32.1541	1.2261	1.1663	8.8659
-2.00	-0.0339	2.1764	33.3931	27.2921	1.2235	1.1736	8.8025
-1.80	0.1586	2.1393	28.4566	23.2387	1.2245	1.1821	8.7583
-1.60	0.3523	2.1088	24.4439	19.9238	1.2269	1.1918	8.7314
-1.40	0.5471	2.0835	21.2855	17.2660	1.2328	1.2025	8.7177
-1.20	0.7426	2.0620	18.8410	15.1935	1.2401	1.2139	8.7139
-1.00	0.9386	2.0432	17.0701	13.6690	1.2488	1.2249	8.7131
-0.80	1.1348	2.0255	15.9388	12.6735	1.2576	1.2345	8.7094
-0.60	1.3310	2.0075	15.4764	12.2135	1.2672	1.2413	8.6943
-0.40	1.5266	1.9875	15.6987	12.3084	1.2754	1.2438	8.6594
-0.20	1.7213	1.9633	16.6336	12.9785	1.2816	1.2420	8.6006
0.0	1.9145	1.9330	18.2305	14.1743	1.2862	1.2373	8.5176
0.20	2.1059	1.8949	20.3912	15.7512	1.2946	1.2310	8.4118
0.40	2.2951	1.8482	22.7084	17.4221	1.3034	1.2252	8.2879
0.60	2.4821	1.7938	24.7031	18.8158	1.3129	1.2214	8.1522
0.80	2.6673	1.7339	25.9481	19.6312	1.3218	1.2198	8.0098
1.00	2.8516	1.6722	26.1932	19.7376	1.3271	1.2213	7.8707
1.20	3.0359	1.6130	25.4429	19.1652	1.3276	1.2264	7.7462
1.40	3.2216	1.5607	23.9296	18.0672	1.3245	1.2370	7.6525
1.60	3.4101	1.5198	21.9385	16.6414	1.3183	1.2544	7.6044
1.80	3.6031	1.4954	19.7269	15.0771	1.3084	1.2812	7.6235
2.00	3.8026	1.4940	17.5375	13.5207	1.2971	1.3209	7.7368
2.20	4.0113	1.5241	0.0	12.1034	0.0	0.0	0.0

T= 11700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7681	3.9798	0.0	7.5919	0.0	0.0	0.0
-6.80	-4.5682	3.9785	11.8663	7.7805	1.5251	1.5239	13.6197
-6.60	-4.3684	3.9766	12.3096	8.1468	1.5110	1.5055	13.5340
-6.40	-4.1688	3.9736	12.9814	8.7650	1.4810	1.4789	13.4090
-6.20	-3.9693	3.9690	14.1295	9.7542	1.4486	1.4424	13.2348
-6.00	-3.7700	3.9619	15.8867	11.3039	1.4054	1.3974	13.0150
-5.80	-3.5712	3.9510	18.6660	13.6875	1.3637	1.3490	12.7699
-5.60	-3.3731	3.9343	22.7101	17.2567	1.3160	1.3014	12.5161
-5.40	-3.1759	3.9091	28.7463	22.4306	1.2816	1.2589	12.2706
-5.20	-2.9800	3.8718	37.2107	29.6539	1.2548	1.2244	12.0435
-5.00	-2.7861	3.8183	48.4960	39.0503	1.2419	1.1985	11.8328
-4.80	-2.5945	3.7447	62.4649	50.3062	1.2417	1.1799	11.6266
-4.60	-2.4059	3.6483	77.7257	62.3272	1.2471	1.1670	11.4132
-4.40	-2.2203	3.5292	92.4326	73.4305	1.2588	1.1583	11.1838
-4.20	-2.0376	3.3912	104.0525	81.8304	1.2716	1.1528	10.9368
-4.00	-1.8573	3.2407	110.6196	86.3253	1.2814	1.1492	10.6744
-3.80	-1.6786	3.0857	111.4860	86.6288	1.2869	1.1472	10.4070
-3.60	-1.5005	2.9338	107.2021	83.2741	1.2873	1.1463	10.1437
-3.40	-1.3222	2.7912	99.1124	77.2785	1.2825	1.1463	9.8941
-3.20	-1.1428	2.6618	88.8271	69.7303	1.2739	1.1473	9.6660
-3.00	-0.9618	2.5476	77.8195	61.5784	1.2637	1.1491	9.4638
-2.80	-0.7790	2.4489	67.0348	53.4991	1.2530	1.1518	9.2895
-2.60	-0.5941	2.3651	57.1246	45.9638	1.2428	1.1553	9.1434
-2.40	-0.4072	2.2949	48.4012	39.1981	1.2348	1.1599	9.0246
-2.20	-0.2184	2.2367	40.9129	33.2980	1.2287	1.1658	8.9319
-2.00	-0.0278	2.1887	34.6239	28.2730	1.2246	1.1727	8.8616
-1.80	0.1643	2.1493	29.4832	24.0628	1.2253	1.1809	8.8123
-1.60	0.3578	2.1170	25.2851	20.6009	1.2274	1.1903	8.7806

T= 11700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.5522	2.0903	21.9460	17.8089	1.2323	1.2007	8.7628
-1.20	0.7475	2.0677	19.3387	15.6173	1.2383	1.2118	8.7557
-1.00	0.9434	2.0481	17.4444	13.9795	1.2479	1.2229	8.7540
-0.80	1.1395	2.0301	16.1742	12.8675	1.2570	1.2329	8.7508
-0.60	1.3357	2.0120	15.5500	12.2888	1.2654	1.2403	8.7380
-0.40	1.5314	1.9923	15.6190	12.2592	1.2741	1.2440	8.7079
-0.20	1.7263	1.9690	16.3875	12.8014	1.2801	1.2432	8.6540
0.0	1.9198	1.9399	17.8637	13.8844	1.2866	1.2388	8.5745
0.20	2.1115	1.9033	19.8866	15.3781	1.2932	1.2330	8.4735
0.40	2.3011	1.8582	22.1721	17.0221	1.3026	1.2274	8.3534
0.60	2.4886	1.8052	24.2394	18.4716	1.3122	1.2229	8.2184
0.80	2.6741	1.7462	25.6407	19.4034	1.3215	1.2212	8.0775
1.00	2.8586	1.6849	26.0577	19.6431	1.3266	1.2223	7.9378
1.20	3.0430	1.6255	25.4967	19.1900	1.3286	1.2275	7.8130
1.40	3.2286	1.5724	24.1081	18.1796	1.3261	1.2375	7.7161
1.60	3.4169	1.5306	22.1967	16.8096	1.3205	1.2544	7.6642
1.80	3.6096	1.5050	20.0164	15.2760	1.3103	1.2812	7.6808
2.00	3.8088	1.5025	17.8121	13.7283	1.2975	1.3200	7.7897
2.20	4.0171	1.5313	0.0	12.3099	0.0	0.0	0.0

T= 11800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7644	3.9801	0.0	7.5899	0.0	0.0	0.0
-6.80	-4.5645	3.9789	11.7941	7.7205	1.5276	1.5271	13.6931
-6.60	-4.3647	3.9772	12.1127	8.0188	1.5105	1.5122	13.5230
-6.40	-4.1650	3.9746	12.6914	8.5422	1.4857	1.4882	13.5098
-6.20	-3.9654	3.9705	13.6936	9.3938	1.4577	1.4556	13.3542
-6.00	-3.7661	3.9642	15.2269	10.7412	1.4176	1.4131	13.1473
-5.80	-3.5672	3.9545	17.6399	12.8133	1.3767	1.3651	12.9065
-5.60	-3.3688	3.9397	21.2441	15.9533	1.3316	1.3168	12.6521
-5.40	-3.1713	3.9172	26.6004	20.5547	1.2941	1.2726	12.4024
-5.20	-2.9750	3.8837	34.2259	27.0536	1.2651	1.2354	12.1673
-5.00	-2.7805	3.8352	44.5217	35.6824	1.2477	1.2068	11.9507
-4.80	-2.5882	3.7677	57.4896	46.2981	1.2417	1.1861	11.7427
-4.60	-2.3987	3.6779	72.3766	58.0466	1.2469	1.1717	11.5314
-4.40	-2.2122	3.5651	87.3021	69.4175	1.2576	1.1619	11.3057
-4.20	-2.0287	3.4319	99.7853	78.6077	1.2694	1.1555	11.0618
-4.00	-1.8478	3.2842	107.7836	84.1904	1.2802	1.1513	10.8015
-3.80	-1.6688	3.1297	110.2284	85.6181	1.2874	1.1487	10.5327
-3.60	-1.4906	2.9763	107.3440	83.2667	1.2892	1.1477	10.2665
-3.40	-1.3124	2.8306	100.2309	78.0001	1.2850	1.1474	10.0108
-3.20	-1.1333	2.6972	90.6105	70.9119	1.2778	1.1481	9.7751
-3.00	-0.9529	2.5786	79.8610	62.9879	1.2679	1.1496	9.5640
-2.80	-0.7706	2.4755	69.1195	54.9822	1.2571	1.1521	9.3809
-2.60	-0.5863	2.3876	59.1117	47.3867	1.2474	1.1553	9.2260
-2.40	-0.4000	2.3137	50.1351	40.4950	1.2381	1.1598	9.0997
-2.20	-0.2116	2.2522	42.4252	34.4435	1.2317	1.1652	8.9986
-2.00	-0.0215	2.2015	35.9045	29.2599	1.2271	1.1717	8.9217
-1.80	0.1701	2.1598	30.5169	24.8960	1.2259	1.1797	8.8669
-1.60	0.3632	2.1256	26.1441	21.2909	1.2279	1.1888	8.8303
-1.40	0.5574	2.0973	22.6219	18.3634	1.2319	1.1990	8.8089
-1.20	0.7525	2.0737	19.8780	15.0528	1.2383	1.2099	8.7986
-1.00	0.9482	2.0532	17.8113	14.3016	1.2454	1.2212	8.7960
-0.80	1.1442	2.0347	16.4234	13.0801	1.2556	1.2314	8.7929

T= 11800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	1.3403	2.0165	15.6620	12.3834	1.2648	1.2394	8.7819
-0.40	1.5361	1.9971	15.5556	12.2334	1.2716	1.2440	8.7554
-0.20	1.7312	1.9744	16.1671	12.6490	1.2781	1.2441	8.7061
0.0	1.9250	1.9464	17.5104	13.6127	1.2863	1.2405	8.6318
0.20	2.1171	1.9113	19.4154	15.0208	1.2926	1.2349	8.5339
0.40	2.3071	1.8678	21.6479	16.6431	1.3007	1.2293	8.4174
0.60	2.4949	1.8162	23.7819	18.1328	1.3115	1.2250	8.2856
0.80	2.6808	1.7582	25.3059	19.1646	1.3204	1.2230	8.1457
1.00	2.8655	1.6974	25.9194	19.5308	1.3271	1.2239	8.0064
1.20	3.0500	1.6378	25.5268	19.2003	1.3295	1.2288	7.8805
1.40	3.2355	1.5842	24.2779	18.2903	1.3274	1.2383	7.7804
1.60	3.4236	1.5414	22.4476	16.9858	1.3215	1.2554	7.7273
1.80	3.6161	1.5148	20.3120	15.4779	1.3123	1.2818	7.7404
2.00	3.8150	1.5110	18.1211	13.9440	1.2996	1.3199	7.8449
2.20	4.0228	1.5386	0.0	12.5256	0.0	0.0	0.0

T= 11900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7607	3.9804	0.0	7.6161	0.0	0.0	0.0
-6.80	-4.5608	3.9793	11.7619	7.6916	1.5292	1.5271	13.7516
-6.60	-4.3610	3.9777	12.0495	7.9252	1.5204	1.5160	13.6987
-6.40	-4.1612	3.9754	12.5498	8.3655	1.5002	1.4948	13.5985
-6.20	-3.9616	3.9718	13.3591	9.0963	1.4686	1.4649	13.4559
-6.00	-3.7622	3.9662	14.7148	10.2660	1.4334	1.4263	13.2678
-5.80	-3.5632	3.9576	16.7457	12.0778	1.3865	1.3801	13.0370
-5.60	-3.3646	3.9444	19.9215	14.8388	1.3425	1.3318	12.7854
-5.40	-3.1668	3.9243	24.6646	18.9306	1.3029	1.2859	12.5310
-5.20	-2.9702	3.8942	31.5324	24.7589	1.2736	1.2468	12.2919
-5.00	-2.7751	3.8504	40.9673	32.6760	1.2537	1.2155	12.0682
-4.80	-2.5821	3.7885	53.0111	42.6514	1.2429	1.1928	11.8584
-4.60	-2.3918	3.7052	67.3900	54.0375	1.2471	1.1765	11.6469
-4.40	-2.2044	3.5987	82.1782	65.5107	1.2544	1.1656	11.4253
-4.20	-2.0202	3.4708	95.4042	75.3276	1.2665	1.1582	11.1847
-4.00	-1.8386	3.3264	104.7173	81.9054	1.2785	1.1534	10.9267
-3.80	-1.6591	3.1731	108.6951	84.4750	1.2867	1.1504	10.6580
-3.60	-1.4808	3.0187	107.2547	83.1329	1.2902	1.1489	10.3887
-3.40	-1.3027	2.8704	101.2860	78.6448	1.2879	1.1485	10.1283
-3.20	-1.1239	2.7332	92.3542	72.0613	1.2816	1.1489	9.8854
-3.00	-0.9439	2.6103	81.9292	64.4012	1.2722	1.1502	9.6657
-2.80	-0.7621	2.5029	71.2313	56.4680	1.2614	1.1523	9.4737
-2.60	-0.5784	2.4108	61.1087	48.8475	1.2510	1.1554	9.3101
-2.40	-0.3926	2.3332	51.9517	41.8460	1.2415	1.1595	9.1753
-2.20	-0.2049	2.2684	44.0119	35.6453	1.2347	1.1646	9.0669
-2.00	-0.0153	2.2148	37.2685	30.2946	1.2302	1.1709	8.9833
-1.80	0.1760	2.1707	31.6303	25.7766	1.2271	1.1785	8.9221
-1.60	0.3687	2.1345	27.0369	22.0205	1.2278	1.1873	8.8804
-1.40	0.5626	2.1047	23.3523	18.9597	1.2317	1.1973	8.8553
-1.20	0.7574	2.0798	20.4554	16.5224	1.2380	1.2081	8.8423
-1.00	0.9529	2.0585	18.2515	14.6521	1.2457	1.2193	8.8377
-0.80	1.1489	2.0394	16.6853	13.3135	1.2533	1.2295	8.8334
-0.60	1.3450	2.0210	15.7858	12.5007	1.2628	1.2381	8.8241
-0.40	1.5408	2.0017	15.5351	12.2216	1.2711	1.2436	8.8015
-0.20	1.7360	1.9796	15.9793	12.5015	1.2782	1.2450	8.7576
0.0	1.9300	1.9527	17.1371	13.3359	1.2850	1.2424	8.6886

T= 11900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.1225	1.9189	18.9095	14.6335	1.2922	1.2373	8.5957
0.40	2.3129	1.8770	21.0475	16.1915	1.2999	1.2314	8.4808
0.60	2.5011	1.8269	23.1796	17.6945	1.3100	1.2271	8.3523
0.80	2.6874	1.7700	24.8118	18.8064	1.3193	1.2248	8.2135
1.00	2.8723	1.7097	25.5935	19.2783	1.3276	1.2257	8.0754
1.20	3.0569	1.6502	25.3619	19.0633	1.3304	1.2301	7.9477
1.40	3.2424	1.5950	24.2686	18.2559	1.3294	1.2396	7.8463
1.60	3.4304	1.5524	22.5408	17.0280	1.3238	1.2560	7.7893
1.80	3.6226	1.5247	20.4834	15.5731	1.3153	1.2819	7.7988
2.00	3.8212	1.5198	18.3232	14.0643	1.3028	1.3193	7.8988
2.20	4.0286	1.5460	0.0	12.6662	0.0	0.0	0.0

T= 12000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7570	3.9807	0.0	7.6631	0.0	0.0	0.0
-6.80	-4.5571	3.9797	11.7745	7.6842	1.5323	0.0	0.0
-6.60	-4.3573	3.9782	11.9336	7.8552	1.5192	1.5195	13.7727
-6.40	-4.1575	3.9761	12.3770	8.2173	1.5062	1.5022	13.6904
-6.20	-3.9579	3.9729	13.0981	8.8432	1.4811	1.4750	13.5603
-6.00	-3.7584	3.9679	14.2456	9.8534	1.4458	1.4389	13.3849
-5.80	-3.5592	3.9603	16.0739	11.4367	1.4055	1.3952	13.1677
-5.60	-3.3605	3.9485	18.8400	13.8599	1.3593	1.3473	12.9203
-5.40	-3.1625	3.9305	22.9908	17.4789	1.3153	1.3003	12.6641
-5.20	-2.9655	3.9036	29.1140	22.7088	1.2821	1.2589	12.4179
-5.00	-2.7699	3.8639	37.6342	29.9188	1.2579	1.2254	12.1892
-4.80	-2.5763	3.8074	48.9342	39.1890	1.2487	1.2002	11.9748
-4.60	-2.3852	3.7302	62.4026	50.1055	1.2454	1.1819	11.7622
-4.40	-2.1970	3.6301	77.1294	61.5381	1.2534	1.1694	11.5419
-4.20	-2.0119	3.5078	90.7895	71.7998	1.2645	1.1612	11.3059
-4.00	-1.8297	3.3673	101.2611	79.2761	1.2773	1.1557	11.0510
-3.80	-1.6497	3.2157	106.6512	82.9121	1.2863	1.1524	10.7836
-3.60	-1.4711	3.0609	106.6540	82.6111	1.2910	1.1504	10.5118
-3.40	-1.2930	2.9103	101.9303	78.9481	1.2911	1.1496	10.2463
-3.20	-1.1145	2.7698	93.7038	72.9427	1.2846	1.1498	9.9966
-3.00	-0.9349	2.6428	83.7462	65.6106	1.2764	1.1508	9.7690
-2.80	-0.7537	2.5311	73.1893	57.8265	1.2657	1.1527	9.5682
-2.60	-0.5705	2.4349	62.9904	50.1869	1.2551	1.1556	9.3965
-2.40	-0.3853	2.3533	53.7024	43.1188	1.2455	1.1594	9.2531
-2.20	-0.1980	2.2851	45.5129	36.7971	1.2369	1.1644	9.1375
-2.00	-0.0089	2.2286	38.5633	31.3012	1.2320	1.1704	9.0469
-1.80	0.1319	2.1821	32.7512	26.6324	1.2297	1.1776	8.9797
-1.60	0.3742	2.1438	27.9428	22.7360	1.2290	1.1859	8.9321
-1.40	0.5678	2.1123	24.0592	19.5452	1.2310	1.1955	8.9020
-1.20	0.7624	2.0861	21.0139	16.9883	1.2370	1.2062	8.8859
-1.00	0.9577	2.0639	18.6820	15.0047	1.2451	1.2171	8.8784
-0.80	1.1535	2.0441	16.9895	13.5542	1.2534	1.2278	8.8745
-0.60	1.3496	2.0255	15.9300	12.6263	1.2617	1.2370	8.8670
-0.40	1.5454	2.0063	15.5478	12.2254	1.2718	1.2432	8.8469
-0.20	1.7407	1.9847	15.8337	12.3772	1.2793	1.2454	8.8069
0.0	1.9350	1.9586	16.8072	13.0791	1.2850	1.2436	8.7427
0.20	2.1277	1.9261	18.4441	14.2646	1.2930	1.2393	8.6548
0.40	2.3185	1.8857	20.5053	15.7579	1.3013	1.2339	8.5450
0.60	2.5071	1.8370	22.6161	17.2569	1.3106	1.2292	8.4176
0.80	2.6938	1.7814	24.3324	18.4212	1.3209	1.2268	8.2810

T= 12000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.8790	1.7217	25.2509	19.0069	1.3285	1.2274	8.1432
1.20	3.0637	1.6622	25.1997	18.9145	1.3323	1.2313	8.0141
1.40	3.2492	1.6077	24.2384	18.2102	1.3310	1.2408	7.9119
1.60	3.4370	1.5632	22.6250	17.0619	1.3261	1.2566	7.8510
1.80	3.6290	1.5345	20.6218	15.6597	1.3169	1.2820	7.8569
2.00	3.8273	1.5285	18.4825	14.1844	1.3030	1.3186	7.9525
2.20	4.0343	1.5534	0.0	12.8063	0.0	0.0	0.0

T= 12100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7534	3.9810	0.0	7.7398	0.0	0.0	0.0
-6.80	-4.5535	3.9800	11.7544	7.6936	1.5278	0.0	0.0
-6.60	-4.3536	3.9787	11.8938	7.8074	1.5234	1.5218	13.8414
-6.40	-4.1538	3.9768	12.1953	8.0971	1.5061	1.5085	13.7774
-6.20	-3.9541	3.9739	12.8191	8.6319	1.4851	1.4848	13.6635
-6.00	-3.7546	3.9694	13.7997	9.5039	1.4520	1.4514	13.5018
-5.80	-3.5554	3.9626	15.3912	10.8856	1.4139	1.4097	13.2946
-5.60	-3.3565	3.9521	17.8624	13.0122	1.3727	1.3623	13.0522
-5.40	-3.1583	3.9361	21.5807	16.2171	1.3307	1.3148	12.7966
-5.20	-2.9610	3.9118	27.0116	20.8942	1.2928	1.2713	12.5440
-5.00	-2.7650	3.8760	34.7470	27.4258	1.2669	1.2358	12.3108
-4.80	-2.5708	3.8244	45.0550	36.0021	1.2515	1.2079	12.0898
-4.60	-2.3790	3.7531	57.8537	46.4005	1.2468	1.1878	11.8767
-4.40	-2.1900	3.6593	72.1920	57.6394	1.2525	1.1739	11.6585
-4.20	-2.0040	3.5428	86.1709	68.2355	1.2628	1.1645	11.4251
-4.00	-1.8210	3.4067	97.4622	76.4648	1.2746	1.1584	11.1743
-3.80	-1.6405	3.2573	104.2831	81.1258	1.2854	1.1545	10.9082
-3.60	-1.4616	3.1027	105.7008	81.8284	1.2917	1.1520	10.6347
-3.40	-1.2835	2.9504	102.1756	79.0475	1.2926	1.1509	10.3655
-3.20	-1.1052	2.8067	94.9028	73.6690	1.2882	1.1507	10.1091
-3.00	-0.9259	2.6758	85.3964	66.7226	1.2799	1.1515	9.8738
-2.80	-0.7451	2.5599	75.0720	59.1164	1.2699	1.1533	9.6650
-2.60	-0.5625	2.4595	64.8598	51.5216	1.2589	1.1560	9.4848
-2.40	-0.3778	2.3742	55.4495	44.3816	1.2494	1.1595	9.3330
-2.20	-0.1912	2.3025	47.0761	37.9429	1.2407	1.1640	9.2089
-2.00	-0.0025	2.2430	39.9016	32.3139	1.2348	1.1698	9.1117
-1.80	0.1878	2.1939	33.8617	27.5032	1.2312	1.1769	9.0385
-1.60	0.3798	2.1535	28.8650	23.4714	1.2298	1.1849	8.9855
-1.40	0.5730	2.1203	24.8336	20.1517	1.2323	1.1943	8.9510
-1.20	0.7673	2.0927	21.6176	17.4730	1.2372	1.2044	8.9304
-1.00	0.9625	2.0694	19.1178	15.3800	1.2430	1.2153	8.9205
-0.80	1.1582	2.0490	17.3118	13.8267	1.2521	1.2263	8.9165
-0.60	1.3541	2.0300	16.1367	12.7924	1.2614	1.2357	8.9092
-0.40	1.5500	2.0108	15.6004	12.2847	1.2699	1.2423	8.8905
-0.20	1.7454	1.9896	15.7408	12.3212	1.2775	1.2455	8.8549
0.0	1.9399	1.9644	16.5862	12.9100	1.2848	1.2446	8.7954
0.20	2.1329	1.9331	18.0843	13.9988	1.2918	1.2407	8.7113
0.40	2.3240	1.8941	20.0674	15.4351	1.3001	1.2356	8.6053
0.60	2.5131	1.8469	22.1740	16.9316	1.3096	1.2311	8.4818
0.80	2.7001	1.7925	23.9835	18.1622	1.3205	1.2283	8.3466
1.00	2.8856	1.7335	25.0289	18.8524	1.3276	1.2284	8.2085
1.20	3.0704	1.6742	25.1435	18.8716	1.3323	1.2325	8.0803
1.40	3.2560	1.6193	24.3398	18.2687	1.3323	1.2413	7.9751
1.60	3.4437	1.5741	22.8234	17.1928	1.3275	1.2570	7.9125

T= 12100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.6354	1.5445	20.8812	15.8332	1.3188	1.2820	7.9151
2.00	3.8334	1.5373	19.7654	14.3789	1.3051	1.3177	8.0060
2.20	4.0400	1.5608	0.0	13.0200	0.0	0.0	0.0

T= 12200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7498	3.9813	0.0	7.8450	0.0	0.0	0.0
-6.80	-4.5499	3.9803	11.7730	7.7327	1.5225	1.5238	13.9104
-6.60	-4.3500	3.9791	11.8921	7.7843	1.5277	1.5220	13.9001
-6.40	-4.1502	3.9773	12.1397	8.0098	1.5156	1.5119	13.8506
-6.20	-3.9505	3.9747	12.5933	8.4535	1.4897	1.4918	13.7540
-6.00	-3.7509	3.9708	13.4899	9.2083	1.4650	1.4618	13.6081
-5.80	-3.5516	3.9647	14.8605	10.4117	1.4273	1.4225	13.4140
-5.60	-3.3526	3.9553	17.0060	12.2822	1.3846	1.3769	13.1813
-5.40	-3.1542	3.9409	20.2701	15.1176	1.3408	1.3289	12.9260
-5.20	-2.9566	3.9191	25.1493	19.2943	1.3035	1.2843	12.6719
-5.00	-2.7602	3.8867	32.1001	25.2110	1.2733	1.2461	12.4305
-4.80	-2.5655	3.8398	41.5863	33.1413	1.2548	1.2161	12.2056
-4.60	-2.3730	3.7741	53.6238	42.9355	1.2489	1.1943	11.9916
-4.40	-2.1832	3.6864	67.5034	53.9189	1.2519	1.1787	11.7737
-4.20	-1.9964	3.5758	81.5488	64.6803	1.2608	1.1681	11.5433
-4.00	-1.8127	3.4444	93.6597	73.5582	1.2733	1.1610	11.2952
-3.80	-1.6315	3.2979	101.6817	79.1524	1.2846	1.1565	11.0310
-3.60	-1.4523	3.1440	104.4962	80.8761	1.2921	1.1537	10.7571
-3.40	-1.2741	2.9904	102.2028	78.9850	1.2940	1.1523	10.4848
-3.20	-1.0959	2.8439	95.9343	74.2826	1.2915	1.1519	10.2232
-3.00	-0.9169	2.7094	86.9540	67.7627	1.2832	1.1525	9.9810
-2.80	-0.7366	2.5894	76.9059	60.3713	1.2739	1.1539	9.7635
-2.60	-0.5545	2.4849	66.7555	52.8373	1.2634	1.1563	9.5743
-2.40	-0.3704	2.3957	57.1992	45.6575	1.2528	1.1596	9.4141
-2.20	-0.1842	2.3205	48.6684	39.1148	1.2442	1.1639	9.2824
-2.00	0.0039	2.2579	41.2521	33.3543	1.2368	1.1695	9.1782
-1.80	0.1938	2.2061	35.0001	28.3986	1.2325	1.1759	9.0976
-1.60	0.3854	2.1636	29.8382	24.2282	1.2315	1.1839	9.0396
-1.40	0.5783	2.1285	25.6261	20.7791	1.2333	1.1929	9.0003
-1.20	0.7723	2.0995	22.2314	17.9818	1.2363	1.2029	8.9763
-1.00	0.9673	2.0752	19.6111	15.7769	1.2430	1.2136	8.9635
-0.80	1.1628	2.0540	17.6575	14.1179	1.2507	1.2243	8.9569
-0.60	1.3587	2.0345	16.3556	12.9801	1.2600	1.2340	8.9498
-0.40	1.5545	2.0153	15.6796	12.3654	1.2680	1.2415	8.9342
-0.20	1.7500	1.9944	15.6836	12.2866	1.2765	1.2457	8.9027
0.0	1.9446	1.9699	16.3797	12.7609	1.2836	1.2456	8.8474
0.20	2.1379	1.9397	17.7415	13.7499	1.2903	1.2422	8.7675
0.40	2.3294	1.9021	19.6517	15.1204	1.2997	1.2371	8.6645
0.60	2.5189	1.8564	21.7406	16.6089	1.3090	1.2327	8.5443
0.80	2.7063	1.8032	23.6056	17.8935	1.3192	1.2299	8.4115
1.00	2.8920	1.7451	24.8020	18.6814	1.3276	1.2296	8.2739
1.20	3.0771	1.6861	25.0800	18.8141	1.3330	1.2335	8.1456
1.40	3.2626	1.6309	24.4233	18.3172	1.3334	1.2418	8.0382
1.60	3.4503	1.5851	23.0117	17.3194	1.3287	1.2573	7.9736
1.80	3.6418	1.5545	21.1319	16.0135	1.3196	1.2818	7.9730
2.00	3.8395	1.5462	19.0492	14.5797	1.3066	1.3167	8.0590
2.20	4.0457	1.5684	0.0	13.2315	0.0	0.0	0.0

T= 12300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7462	3.9816	0.0	7.9845	0.0	0.0	0.0
-6.80	-4.5463	3.9806	11.8464	7.7944	1.5199	1.5200	13.9506
-6.60	-4.3464	3.9795	11.8346	7.7822	1.5207	1.5223	13.9589
-6.40	-4.1466	3.9778	12.0474	7.9431	1.5167	1.5152	13.9232
-6.20	-3.9468	3.9755	12.4896	8.3121	1.5026	1.4985	13.8422
-6.00	-3.7472	3.9719	13.2258	8.9559	1.4768	1.4717	13.7120
-5.80	-3.5478	3.9665	14.4314	10.0035	1.4426	1.4354	13.5326
-5.60	-3.3488	3.9580	16.2915	11.6468	1.3988	1.3917	13.3106
-5.40	-3.1502	3.9452	19.1742	14.1544	1.3546	1.3437	13.0580
-5.20	-2.9523	3.9256	23.5022	17.8785	1.3146	1.2978	12.8008
-5.00	-2.7556	3.8963	29.7728	23.2094	1.2828	1.2575	12.5535
-4.80	-2.5604	3.8535	38.4517	30.4771	1.2617	1.2251	12.3227
-4.60	-2.3672	3.7931	49.6752	39.6799	1.2519	1.2010	12.1046
-4.40	-2.1767	3.7114	62.9993	50.2911	1.2527	1.1837	11.8871
-4.20	-1.9891	3.6068	76.9183	61.1004	1.2589	1.1717	11.6590
-4.00	-1.8046	3.4805	89.6139	70.4607	1.2718	1.1639	11.4147
-3.80	-1.6228	3.3373	98.6666	76.9207	1.2827	1.1585	11.1520
-3.60	-1.4432	3.1846	102.8479	79.6329	1.2915	1.1555	10.8794
-3.40	-1.2648	3.0302	101.8548	78.6413	1.2952	1.1537	10.6041
-3.20	-1.0866	2.8814	96.5438	74.6468	1.2933	1.1530	10.3371
-3.00	-0.9079	2.7434	88.2896	68.6094	1.2868	1.1534	10.0883
-2.80	-0.7280	2.6195	78.5632	61.4904	1.2777	1.1546	9.8631
-2.60	-0.5464	2.5110	68.5084	54.0590	1.2673	1.1567	9.6656
-2.40	-0.3628	2.4178	58.8810	46.8666	1.2564	1.1598	9.4971
-2.20	-0.1772	2.3391	50.2019	40.2453	1.2474	1.1639	9.3577
-2.00	0.0104	2.2733	42.6061	34.3669	1.2397	1.1691	9.2456
-1.80	0.1999	2.2188	36.1734	29.2840	1.2353	1.1753	9.1585
-1.60	0.3910	2.1740	30.7921	24.9807	1.2326	1.1829	9.0950
-1.40	0.5836	2.1371	26.3866	21.4050	1.2327	1.1914	9.0496
-1.20	0.7773	2.1066	22.8540	18.4902	1.2360	1.2012	9.0219
-1.00	0.9720	2.0811	20.0951	16.1747	1.2424	1.2118	9.0064
-0.80	1.1674	2.0591	18.0176	14.4116	1.2502	1.2226	8.9984
-0.60	1.3632	2.0391	16.5755	13.1693	1.2587	1.2326	8.9914
-0.40	1.5590	2.0197	15.7714	12.4463	1.2672	1.2409	8.9786
-0.20	1.7546	1.9991	15.6366	12.2539	1.2761	1.2457	8.9496
0.0	1.9494	1.9752	16.1744	12.6059	1.2831	1.2464	8.8988
0.20	2.1429	1.9461	17.3874	13.4731	1.2905	1.2439	8.8239
0.40	2.3348	1.9099	19.1538	14.7580	1.2979	1.2394	8.7257
0.60	2.5246	1.8656	21.2114	16.2111	1.3084	1.2347	8.6075
0.80	2.7123	1.8137	23.1029	17.5150	1.3190	1.2318	8.4769
1.00	2.8984	1.7565	24.3845	18.3805	1.3266	1.2314	8.3409
1.20	3.0837	1.6978	24.8152	18.6153	1.3331	1.2348	8.2117
1.40	3.2693	1.6425	24.3011	18.2203	1.3337	1.2429	8.1034
1.60	3.4568	1.5961	23.0228	17.3107	1.3300	1.2581	8.0367
1.80	3.6482	1.5646	21.2359	16.0645	1.3219	1.2821	8.0324
2.00	3.8455	1.5552	19.1905	14.6740	1.3078	1.3159	8.1132
2.20	4.0513	1.5760	0.0	13.3613	0.0	0.0	0.0

T= 12400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7426	3.9820	0.0	8.1651	0.0	0.0	0.0
-6.80	-4.5427	3.9810	11.9716	7.8882	1.5177	1.5148	13.9834
-6.60	-4.3429	3.9798	11.8670	7.8074	1.5200	1.5205	14.0080
-6.40	-4.1430	3.9783	11.9659	7.9038	1.5139	1.5163	13.9860

T= 12400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-3.9433	3.9762	12.3629	8.1983	1.5080	1.5037	13.9236
-6.00	-3.7436	3.9729	12.9949	8.7438	1.4862	1.4802	13.8089
-5.80	-3.5441	3.9680	13.9805	9.6590	1.4474	1.4465	13.6427
-5.60	-3.3450	3.9605	15.6839	11.1006	1.4129	1.4046	13.4307
-5.40	-3.1462	3.9489	18.2852	13.3177	1.3730	1.3582	13.1876
-5.20	-2.9482	3.9313	22.1083	16.6438	1.3283	1.3113	12.9293
-5.00	-2.7511	3.9048	27.7412	21.4657	1.2923	1.2690	12.6760
-4.80	-2.5555	3.8659	35.6683	28.0981	1.2694	1.2346	12.4404
-4.60	-2.3617	3.8104	46.0681	36.7020	1.2552	1.2081	12.2174
-4.40	-2.1705	3.7345	58.7033	46.8818	1.2522	1.1891	11.9996
-4.20	-1.9821	3.6358	72.5392	57.6046	1.2593	1.1759	11.7740
-4.00	-1.7968	3.5148	85.5056	67.3497	1.2696	1.1668	11.5316
-3.80	-1.6144	3.3754	95.5311	74.5536	1.2814	1.1610	11.2727
-3.60	-1.4343	3.2244	100.9535	78.2002	1.2910	1.1573	11.0000
-3.40	-1.2556	3.0698	101.2647	78.1443	1.2959	1.1553	10.7237
-3.20	-1.0775	2.9190	97.0012	74.8881	1.2953	1.1542	10.4520
-3.00	-0.8990	2.7779	89.5500	69.3743	1.2908	1.1542	10.1964
-2.80	-0.7194	2.6502	80.1471	62.5588	1.2811	1.1552	9.9637
-2.60	-0.5383	2.5376	70.2480	55.2610	1.2712	1.1572	9.7582
-2.40	-0.3552	2.4406	60.6033	48.0772	1.2605	1.1600	9.5812
-2.20	-0.1701	2.3582	51.7653	41.3904	1.2507	1.1638	9.4334
-2.00	0.0170	2.2892	44.0143	35.3994	1.2434	1.1685	9.3134
-1.80	0.2060	2.2320	37.3397	30.1870	1.2369	1.1746	9.2203
-1.60	0.3967	2.1848	31.7953	25.7526	1.2346	1.1818	9.1503
-1.40	0.5889	2.1460	27.2060	22.0493	1.2339	1.1902	9.1008
-1.20	0.7824	2.1140	23.5366	19.0202	1.2375	1.1998	9.0689
-1.00	0.9768	2.0872	20.6106	16.5951	1.2420	1.2100	9.0496
-0.80	1.1720	2.0643	18.3933	14.7243	1.2492	1.2208	9.0398
-0.60	1.3677	2.0438	16.8194	13.3814	1.2559	1.2314	9.0335
-0.40	1.5635	2.0241	15.9013	12.5486	1.2672	1.2398	9.0206
-0.20	1.7591	2.0036	15.6098	12.2410	1.2752	1.2454	8.9953
0.0	1.9540	1.9803	16.0125	12.4734	1.2837	1.2473	8.9495
0.20	2.1478	1.9521	17.0834	13.2278	1.2915	1.2454	8.8790
0.40	2.3399	1.9172	18.7208	14.4143	1.2988	1.2414	8.7848
0.60	2.5301	1.8743	20.7088	15.8207	1.3090	1.2368	8.6700
0.80	2.7182	1.8237	22.6064	17.1419	1.3188	1.2335	8.5407
1.00	2.9046	1.7675	23.9990	18.0744	1.3278	1.2333	8.4073
1.20	3.0901	1.7093	24.5777	18.4170	1.3345	1.2360	8.2769
1.40	3.2758	1.6539	24.2192	18.1198	1.3366	1.2444	8.1691
1.60	3.4633	1.6069	23.0545	17.3023	1.3325	1.2590	8.0993
1.80	3.6544	1.5746	21.3534	16.1204	1.3246	1.2824	8.0917
2.00	3.8515	1.5641	19.3685	14.7829	1.3102	1.3155	8.1683
2.20	4.0569	1.5836	0.0	13.5063	0.0	0.0	0.0

T= 12500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7391	3.9824	0.0	8.3956	0.0	0.0	0.0
-6.80	-4.5392	3.9813	12.0946	8.0163	1.5088	1.5073	14.0058
-6.60	-4.3393	3.9802	11.9308	7.8587	1.5182	1.5172	14.0495
-6.40	-4.1395	3.9788	12.0017	7.8918	1.5208	1.5166	14.0443
-6.20	-3.9397	3.9768	12.2214	8.1152	1.5060	1.5072	13.9970
-6.00	-3.7400	3.9739	12.7477	8.5735	1.4869	1.4869	13.8977
-5.80	-3.5405	3.9694	13.6773	9.3633	1.4607	1.4568	13.7483
-5.60	-3.3412	3.9627	15.1179	10.6279	1.4225	1.4170	13.5479

T= 12500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.40	-3.1424	3.9522	17.3775	12.5868	1.3806	1.3719	13.3131
-5.20	-2.9441	3.9364	20.7860	15.5486	1.3368	1.3252	13.0582
-5.00	-2.7468	3.9125	25.8931	19.8664	1.3034	1.2809	12.7991
-4.80	-2.5507	3.8771	33.0535	25.9347	1.2745	1.2442	12.5572
-4.60	-2.3565	3.8262	42.7071	33.9280	1.2588	1.2158	12.3313
-4.40	-2.1645	3.7557	54.7081	43.6173	1.2543	1.1948	12.1110
-4.20	-1.9754	3.6629	68.1388	54.1824	1.2576	1.1803	11.8877
-4.00	-1.7893	3.5473	81.3573	64.1807	1.2678	1.1701	11.6481
-3.80	-1.6062	3.4121	92.2469	72.0108	1.2810	1.1636	11.3919
-3.60	-1.4256	3.2634	98.7977	76.5546	1.2906	1.1592	11.1202
-3.40	-1.2466	3.1090	100.3430	77.4140	1.2962	1.1566	10.8416
-3.20	-1.0684	2.9567	97.2385	74.9374	1.2976	1.1556	10.5680
-3.00	-0.8901	2.8127	90.5290	69.9864	1.2935	1.1553	10.3064
-2.80	-0.7109	2.6814	81.6048	63.5208	1.2847	1.1561	10.0660
-2.60	-0.5302	2.5649	71.9041	56.3922	1.2751	1.1575	9.8513
-2.40	-0.3476	2.4639	62.2660	49.2501	1.2643	1.1602	9.6664
-2.20	-0.1630	2.3780	53.3313	42.5139	1.2544	1.1638	9.5113
-2.00	0.0236	2.3057	45.3596	36.4292	1.2451	1.1684	9.3842
-1.80	0.2121	2.2457	38.5420	31.0966	1.2394	1.1740	9.2832
-1.60	0.4024	2.1961	32.7992	26.5352	1.2361	1.1808	9.2068
-1.40	0.5943	2.1552	28.0602	22.7092	1.2356	1.1891	9.1528
-1.20	0.7874	2.1216	24.2060	19.5640	1.2373	1.1985	9.1169
-1.00	0.9816	2.0935	21.1399	17.0336	1.2411	1.2085	9.0941
-0.80	1.1767	2.0697	18.8025	15.0656	1.2480	1.2191	9.0815
-0.60	1.3722	2.0485	17.1172	13.6233	1.2565	1.2295	9.0735
-0.40	1.5680	2.0286	16.0607	12.6938	1.2652	1.2384	9.0621
-0.20	1.7636	2.0082	15.6514	12.2885	1.2737	1.2446	9.0387
0.0	1.9586	1.9853	15.9168	12.4185	1.2817	1.2475	8.9977
0.20	2.1526	1.9580	16.8706	13.0795	1.2899	1.2462	8.9309
0.40	2.3450	1.9242	18.4131	14.1894	1.2977	1.2426	8.8405
0.60	2.5356	1.8828	20.3389	15.5645	1.3067	1.2385	8.7303
0.80	2.7240	1.8335	22.2476	16.9090	1.3157	1.2351	8.6037
1.00	2.9108	1.7783	23.7690	17.9148	1.3268	1.2342	8.4703
1.20	3.0964	1.7206	24.4982	18.3525	1.3349	1.2372	8.3416
1.40	3.2822	1.6653	24.2688	18.1629	1.3362	1.2451	8.2324
1.60	3.4697	1.6178	23.2228	17.4209	1.3330	1.2591	8.1599
1.80	3.6607	1.5847	21.5887	16.2977	1.3246	1.2821	8.1494
2.00	3.8576	1.5732	19.6405	14.9915	1.3101	1.3141	8.2207
2.20	4.0625	1.5914	0.0	13.7372	0.0	0.0	0.0

T= 12600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7356	3.9829	0.0	8.6791	0.0	0.0	0.0
-6.80	-4.5357	3.9817	12.2529	8.1820	1.4975	1.4979	14.0184
-6.60	-4.3358	3.9805	12.0125	7.9391	1.5131	1.5120	14.0822
-6.40	-4.1360	3.9792	12.0087	7.8997	1.5201	1.5157	14.0970
-6.20	-3.9362	3.9773	12.1798	8.0509	1.5128	1.5092	14.0635
-6.00	-3.7365	3.9747	12.6012	8.4313	1.4946	1.4922	13.9794
-5.80	-3.5369	3.9707	13.3982	9.1113	1.4705	1.4658	13.8479
-5.60	-3.3376	3.9646	14.6843	10.2194	1.4369	1.4291	13.6633
-5.40	-3.1386	3.9552	16.6192	11.9536	1.3903	1.3852	13.4357
-5.20	-2.9402	3.9409	19.7263	14.5886	1.3522	1.3384	13.1831
-5.00	-2.7426	3.9192	24.2569	18.4788	1.3127	1.2939	12.9262
-4.80	-2.5462	3.8870	30.7463	23.9835	1.2820	1.2547	12.6766

T= 12600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.3514	3.8404	39.6718	31.3758	1.2644	1.2239	12.4445
-4.40	-2.1588	3.7752	50.9356	40.5705	1.2555	1.2009	12.2221
-4.20	-1.9690	3.6881	63.9410	50.8579	1.2572	1.1847	11.9985
-4.00	-1.7821	3.5781	77.2398	60.9861	1.2665	1.1736	11.7626
-3.80	-1.5983	3.4473	88.6951	69.3961	1.2781	1.1662	11.5093
-3.60	-1.4171	3.3014	96.3605	74.7328	1.2894	1.1613	11.2395
-3.40	-1.2378	3.1477	99.1741	76.4943	1.2965	1.1583	10.9603
-3.20	-1.0595	2.9943	97.1441	74.8077	1.2986	1.1567	10.6827
-3.00	-0.8813	2.8478	91.2982	70.4627	1.2957	1.1563	10.4164
-2.80	-0.7023	2.7130	83.0003	64.3879	1.2891	1.1568	10.1688
-2.60	-0.5220	2.5927	73.4601	57.4643	1.2784	1.1582	9.9468
-2.40	-0.3399	2.4879	63.8983	50.3848	1.2682	1.1605	9.7536
-2.20	-0.1559	2.3983	54.8663	43.6242	1.2577	1.1640	9.5905
-2.00	0.0302	2.3227	46.7950	37.4510	1.2495	1.1684	9.4542
-1.80	0.2183	2.2598	39.7637	32.0082	1.2423	1.1738	9.3486
-1.60	0.4082	2.2077	33.8082	27.3246	1.2373	1.1804	9.2661
-1.40	0.5996	2.1648	28.9114	23.3773	1.2367	1.1883	9.2064
-1.20	0.7925	2.1294	24.8800	20.1160	1.2368	1.1971	9.1647
-1.00	0.9864	2.1000	21.7014	17.4797	1.2415	1.2072	9.1394
-0.80	1.1913	2.0752	19.2282	15.4062	1.2481	1.2177	9.1245
-0.60	1.3767	2.0534	17.4092	13.8686	1.2553	1.2278	9.1141
-0.40	1.5724	2.0331	16.2336	12.8380	1.2645	1.2373	9.1039
-0.20	1.7680	2.0126	15.6971	12.3239	1.2737	1.2441	9.0829
0.0	1.9631	1.9902	15.8114	12.3389	1.2814	1.2475	9.0445
0.20	2.1573	1.9636	16.6032	12.8850	1.2886	1.2474	8.9835
0.40	2.3500	1.9310	18.0278	13.8937	1.2976	1.2442	8.8973
0.60	2.5409	1.8909	19.8701	15.2066	1.3067	1.2401	8.7899
0.80	2.7297	1.8430	21.7830	16.5455	1.3156	1.2372	8.6677
1.00	2.9168	1.7889	23.3319	17.5940	1.3261	1.2363	8.5361
1.20	3.1027	1.7318	24.1633	18.1187	1.3336	1.2389	8.4078
1.40	3.2886	1.6765	24.0946	18.0247	1.3368	1.2464	8.2976
1.60	3.4761	1.6287	23.1882	17.3751	1.3346	1.2605	8.2247
1.80	3.6669	1.5948	21.6525	15.3212	1.3266	1.2829	8.2107
2.00	3.8635	1.5823	19.7610	15.0639	1.3118	1.3141	8.2772
2.20	4.0681	1.5991	0.0	13.8565	0.0	0.0	0.0

T= 12700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7321	3.9834	0.0	9.0356	0.0	0.0	0.0
-6.80	-4.5322	3.9821	12.4961	8.3946	1.4886	1.4872	14.0242
-6.60	-4.3324	3.9809	12.1434	8.0490	1.5087	1.5055	14.1081
-6.40	-4.1325	3.9796	12.0090	7.9336	1.5137	1.5132	14.1417
-6.20	-3.9327	3.9779	12.1231	8.0192	1.5118	1.5105	14.1260
-6.00	-3.7330	3.9754	12.5276	8.3225	1.5053	1.4971	14.0590
-5.80	-3.5334	3.9718	13.1477	8.9014	1.4770	1.4737	13.9421
-5.60	-3.3340	3.9662	14.2586	9.8682	1.4449	1.4398	13.7716
-5.40	-3.1349	3.9578	16.0848	11.4000	1.4109	1.3980	13.5553
-5.20	-2.9363	3.9449	18.7617	13.7469	1.3648	1.3517	13.3073
-5.00	-2.7385	3.9253	22.8089	17.2491	1.3223	1.3062	13.0491
-4.80	-2.5417	3.8960	28.7384	22.2405	1.2922	1.2557	12.7972
-4.60	-2.3465	3.8533	36.8622	29.0471	1.2690	1.2323	12.5577
-4.40	-2.1534	3.7930	47.4407	37.6948	1.2585	1.2075	12.3331
-4.20	-1.9628	3.7115	60.0131	47.6713	1.2589	1.1896	12.1093
-4.00	-1.7752	3.6071	73.1509	57.8226	1.2651	1.1773	11.8759

T= 12700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-1.5906	3.4811	85.0715	66.6665	1.2761	1.1690	11.6253
-3.60	-1.4088	3.3383	93.6998	72.7686	1.2876	1.1635	11.3577
-3.40	-1.2291	3.1858	97.6942	75.3441	1.2966	1.1601	11.0791
-3.20	-1.0507	3.0317	96.8223	74.4774	1.3000	1.1581	10.7982
-3.00	-0.8725	2.8830	91.8780	70.7769	1.2981	1.1574	10.5268
-2.80	-0.6938	2.7451	84.1555	65.1276	1.2922	1.1576	10.2728
-2.60	-0.5139	2.6211	74.9635	58.4521	1.2825	1.1589	10.0439
-2.40	-0.3322	2.5125	65.4685	51.4665	1.2721	1.1610	9.8424
-2.20	-0.1487	2.4192	56.3737	44.6991	1.2612	1.1640	9.6704
-2.00	0.0369	2.3403	48.1689	38.4595	1.2525	1.1681	9.5284
-1.80	0.2245	2.2744	40.9855	32.9101	1.2454	1.1734	9.4145
-1.60	0.4140	2.2197	34.8936	28.1112	1.2413	1.1798	9.3259
-1.40	0.6051	2.1747	29.7654	24.0484	1.2377	1.1873	9.2600
-1.20	0.7976	2.1376	25.6124	20.6755	1.2388	1.1958	9.2136
-1.00	0.9913	2.1068	22.2730	17.9300	1.2422	1.2058	9.1850
-0.80	1.1859	2.0808	19.6579	15.7627	1.2471	1.2160	9.1669
-0.60	1.3812	2.0583	17.7273	14.1233	1.2552	1.2264	9.1562
-0.40	1.5768	2.0376	16.4311	12.9961	1.2643	1.2360	9.1454
-0.20	1.7724	2.0171	15.7572	12.3808	1.2727	1.2434	9.1266
0.0	1.9676	1.9949	15.7394	12.2888	1.2808	1.2475	9.0910
0.20	2.1619	1.9691	16.3857	12.7194	1.2882	1.2481	9.0341
0.40	2.3549	1.9375	17.6825	13.6331	1.2970	1.2459	8.9534
0.60	2.5461	1.8986	19.4204	14.8766	1.3054	1.2419	8.8491
0.80	2.7353	1.8521	21.3303	16.1932	1.3172	1.2388	8.7290
1.00	2.9227	1.7991	22.9282	17.2839	1.3266	1.2379	8.6002
1.20	3.1089	1.7427	23.8613	17.8949	1.3342	1.2402	8.4723
1.40	3.2949	1.6876	23.9344	17.8885	1.3380	1.2473	8.3609
1.60	3.4824	1.6395	23.1528	17.3260	1.3363	1.2611	8.2864
1.80	3.6731	1.6049	21.7175	16.3473	1.3285	1.2833	8.2705
2.00	3.8694	1.5914	19.8995	15.1420	1.3142	1.3132	8.3311
2.20	4.0736	1.6068	0.0	13.9863	0.0	0.0	0.0

T= 12800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7286	3.9841	0.0	9.4709	0.0	0.0	0.0
-6.80	-4.5288	3.9826	12.7628	8.6519	1.4751	1.4743	14.0190
-6.60	-4.3289	3.9813	12.2854	8.1953	1.4991	1.4980	14.1289
-6.40	-4.1291	3.9800	12.0606	7.9939	1.5087	1.5099	14.1825
-6.20	-3.9292	3.9783	12.1007	8.0080	1.5111	1.5105	14.1828
-6.00	-3.7295	3.9761	12.3419	8.2352	1.4987	1.5005	14.1316
-5.80	-3.5298	3.9728	12.9422	8.7233	1.4836	1.4804	14.0305
-5.60	-3.3304	3.9677	13.9113	9.5638	1.4546	1.4494	13.8740
-5.40	-3.1312	3.9601	15.4825	10.9140	1.4186	1.4103	13.6725
-5.20	-2.9325	3.9484	17.8805	13.0021	1.3752	1.3646	13.4294
-5.00	-2.7345	3.9306	21.5563	16.1340	1.3361	1.3186	13.1710
-4.80	-2.5374	3.9040	26.9035	20.6712	1.3015	1.2762	12.9140
-4.60	-2.3418	3.8649	34.3534	26.9297	1.2757	1.2413	12.6720
-4.40	-2.1481	3.8092	44.2108	35.0238	1.2623	1.2146	12.4443
-4.20	-1.9569	3.7331	56.1596	44.5957	1.2593	1.1949	12.2190
-4.00	-1.7685	3.6343	69.1460	54.6893	1.2643	1.1815	11.9884
-3.80	-1.5832	3.5133	81.4377	63.9483	1.2755	1.1719	11.7393
-3.60	-1.4008	3.3740	90.9145	70.6231	1.2873	1.1659	11.4747
-3.40	-1.2206	3.2232	95.9880	74.0495	1.2963	1.1621	11.1970
-3.20	-1.0420	3.0689	96.2783	73.9904	1.3012	1.1597	10.9143

T= 12800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-0.8638	2.9183	92.2407	70.9440	1.3002	1.1585	10.6381
-2.80	-0.6853	2.7775	85.1541	65.7701	1.2947	1.1587	10.3790
-2.60	-0.5057	2.6500	76.3452	59.3634	1.2861	1.1597	10.1421
-2.40	-0.3245	2.5376	66.9574	52.5078	1.2752	1.1614	9.9322
-2.20	-0.1414	2.4406	57.8834	45.7532	1.2651	1.1643	9.7527
-2.00	0.0437	2.3583	49.5106	39.4556	1.2548	1.1682	9.6029
-1.80	0.2308	2.2894	42.2110	33.8162	1.2482	1.1731	9.4813
-1.60	0.4198	2.2322	35.9050	28.9084	1.2420	1.1791	9.3858
-1.40	0.6105	2.1849	30.6288	24.7295	1.2386	1.1863	9.3144
-1.20	0.8027	2.1460	26.3389	21.2469	1.2397	1.1947	9.2637
-1.00	0.9961	2.1137	22.8262	18.3984	1.2407	1.2041	9.2300
-0.80	1.1905	2.0867	20.1084	16.1312	1.2466	1.2144	9.2099
-0.60	1.3856	2.0633	18.0615	14.4012	1.2542	1.2249	9.1975
-0.40	1.5811	2.0421	16.6406	13.1830	1.2623	1.2347	9.1866
-0.20	1.7767	2.0215	15.8490	12.4746	1.2705	1.2425	9.1699
0.0	1.9720	1.9995	15.7160	12.2854	1.2792	1.2475	9.1376
0.20	2.1665	1.9743	16.2594	12.6220	1.2882	1.2484	9.0829
0.40	2.3597	1.9437	17.4286	13.4466	1.2961	1.2466	9.0056
0.60	2.5512	1.9061	19.0990	14.6329	1.3052	1.2432	8.9062
0.80	2.7408	1.8609	20.9706	15.9431	1.3153	1.2400	8.7883
1.00	2.9285	1.8090	22.6444	17.0739	1.3263	1.2388	8.6608
1.20	3.1149	1.7533	23.6815	17.7546	1.3338	1.2410	8.5342
1.40	3.3011	1.6985	23.8847	17.8503	1.3381	1.2477	8.4222
1.60	3.4886	1.6501	23.2269	17.3760	1.3367	1.2609	8.3451
1.80	3.6792	1.6150	21.8748	16.4611	1.3289	1.2825	8.3262
2.00	3.8753	1.6005	20.1097	15.3040	1.3140	1.3109	8.3801
2.20	4.0791	1.6145	0.0	14.1912	0.0	0.0	0.0

T= 12900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7251	3.9849	0.0	9.9589	0.0	0.0	0.0
-6.80	-4.5253	3.9831	13.1089	8.9672	1.4619	1.4597	14.0046
-6.60	-4.3255	3.9817	12.4767	8.3790	1.4890	1.4877	14.1359
-6.40	-4.1256	3.9804	12.2067	8.0808	1.5106	1.5043	14.2124
-6.20	-3.9258	3.9788	12.1428	8.0232	1.5135	1.5089	14.2309
-6.00	-3.7260	3.9767	12.2685	8.1738	1.5010	1.5032	14.2005
-5.80	-3.5264	3.9736	12.7733	8.5777	1.4891	1.4859	14.1131
-5.60	-3.3269	3.9691	13.6294	9.3040	1.4649	1.4586	13.9748
-5.40	-3.1276	3.9622	14.9597	10.4941	1.4255	1.4216	13.7841
-5.20	-2.9288	3.9516	17.1135	12.3488	1.3859	1.3771	13.5489
-5.00	-2.7306	3.9354	20.3927	15.1541	1.3457	1.3312	13.2936
-4.80	-2.5332	3.9112	25.2251	19.2585	1.3098	1.2876	13.0341
-4.60	-2.3372	3.8754	32.0535	25.0065	1.2818	1.2512	12.7897
-4.40	-2.1430	3.8241	41.2059	32.5693	1.2652	1.2221	12.5561
-4.20	-1.9512	3.7531	52.5261	41.7070	1.2594	1.2005	12.3284
-4.00	-1.7621	3.6598	65.3263	51.6519	1.2647	1.1854	12.0976
-3.80	-1.5761	3.5439	77.7343	61.0321	1.2737	1.1752	11.8531
-3.60	-1.3930	3.4085	87.8786	68.3532	1.2857	1.1684	11.5907
-3.40	-1.2123	3.2599	94.0194	72.5844	1.2953	1.1639	11.3131
-3.20	-1.0334	3.1057	95.4220	73.3275	1.3013	1.1611	11.0293
-3.00	-0.8552	2.9537	92.4153	70.9744	1.3021	1.1599	10.7502
-2.80	-0.6768	2.8102	86.0550	66.2997	1.2980	1.1597	10.4848
-2.60	-0.4975	2.6792	77.6605	60.2082	1.2899	1.1603	10.2406
-2.40	-0.3168	2.5632	68.4375	53.5020	1.2792	1.1621	10.0239

T= 12900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.1342	2.4626	59.3638	46.7813	1.2690	1.1647	9.8365
-2.00	0.0505	2.3769	50.9249	40.4469	1.2591	1.1683	9.5785
-1.80	0.2371	2.3049	43.3950	34.7255	1.2497	1.1728	9.5493
-1.60	0.4257	2.2450	36.9475	29.7100	1.2436	1.1786	9.4478
-1.40	0.6160	2.1955	31.5386	25.4208	1.2407	1.1856	9.3707
-1.20	0.8078	2.1547	27.0486	21.8297	1.2391	1.1937	9.3149
-1.00	1.0010	2.1209	23.4455	18.8786	1.2419	1.2028	9.2765
-0.80	1.1951	2.0927	20.5819	16.5176	1.2461	1.2131	9.2541
-0.60	1.3901	2.0685	18.4212	14.6960	1.2535	1.2233	9.2388
-0.40	1.5855	2.0467	16.8817	13.3904	1.2607	1.2331	9.2269
-0.20	1.7811	2.0259	15.9895	12.5894	1.2701	1.2415	9.2112
0.0	1.9764	2.0041	15.7286	12.3053	1.2782	1.2470	9.1817
0.20	2.1710	1.9794	16.1449	12.5457	1.2869	1.2487	9.1313
0.40	2.3644	1.9497	17.1966	13.2848	1.2945	1.2475	9.0582
0.60	2.5562	1.9133	18.7986	14.4118	1.3044	1.2446	8.9626
0.80	2.7461	1.8694	20.6328	15.7074	1.3136	1.2413	8.8475
1.00	2.9342	1.8187	22.3456	16.8745	1.3242	1.2402	8.7227
1.20	3.1209	1.7639	23.4990	17.6308	1.3328	1.2420	8.5965
1.40	3.3073	1.7093	23.8350	17.8213	1.3374	1.2486	8.4851
1.60	3.4948	1.6608	23.3046	17.4275	1.3372	1.2617	8.4074
1.80	3.6853	1.6251	22.0467	16.5843	1.3294	1.2825	8.3848
2.00	3.8812	1.6097	20.3434	15.4728	1.3148	1.3100	8.4340
2.20	4.0845	1.6222	0.0	14.4060	0.0	0.0	0.0

T= 13000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7217	3.9858	0.0	10.5868	0.0	0.0	0.0
-6.80	-4.5219	3.9838	13.5108	9.3575	1.4438	1.4441	13.9848
-6.60	-4.3221	3.9822	12.7537	8.6149	1.4804	1.4769	14.1397
-6.40	-4.1222	3.9808	12.3125	8.2105	1.4996	1.4977	14.2365
-6.20	-3.9224	3.9792	12.1371	8.0628	1.5053	1.5067	14.2765
-6.00	-3.7226	3.9772	12.3119	8.1440	1.5118	1.5055	14.2674
-5.80	-3.5229	3.9744	12.6707	8.4650	1.4968	1.4918	14.1971
-5.60	-3.3234	3.9703	13.3212	9.0851	1.4663	1.4675	14.0736
-5.40	-3.1241	3.9640	14.5366	10.1313	1.4348	1.4328	13.8954
-5.20	-2.9251	3.9544	16.4973	11.7774	1.4008	1.3907	13.6730
-5.00	-2.7267	3.9397	19.3765	14.2921	1.3557	1.3443	13.4180
-4.80	-2.5292	3.9177	23.7165	17.9986	1.3177	1.3000	13.1581
-4.60	-2.3328	3.8849	29.9867	23.2405	1.2903	1.2612	12.9062
-4.40	-2.1381	3.8376	38.4893	30.2719	1.2715	1.2299	12.6668
-4.20	-1.9457	3.7716	49.2005	38.9467	1.2633	1.2066	12.4379
-4.00	-1.7559	3.6837	61.4597	48.6538	1.2632	1.1901	12.2077
-3.80	-1.5692	3.5730	73.9838	58.1474	1.2723	1.1787	11.9653
-3.60	-1.3854	3.4418	84.6761	65.9692	1.2836	1.1712	11.7059
-3.40	-1.2043	3.2956	91.7832	70.8947	1.2946	1.1659	11.4292
-3.20	-1.0250	3.1421	94.3090	72.4586	1.3016	1.1628	11.1448
-3.00	-0.8467	2.9890	92.2606	70.7721	1.3036	1.1612	10.8625
-2.80	-0.6684	2.8430	86.6436	66.6474	1.3000	1.1607	10.5913
-2.60	-0.4894	2.7089	78.7749	60.9057	1.2934	1.1613	10.3411
-2.40	-0.3090	2.5893	69.7744	54.3854	1.2830	1.1627	10.1163
-2.20	-0.1269	2.4851	60.7232	47.7358	1.2721	1.1650	9.9208
-2.00	0.0573	2.3960	52.2284	41.3857	1.2620	1.1683	9.7548
-1.80	0.2434	2.3209	44.6055	35.5915	1.2533	1.1727	9.6187
-1.60	0.4316	2.2583	38.0171	30.4861	1.2470	1.1783	9.5110

T= 13000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.6215	2.2064	32.4387	26.0964	1.2430	1.1850	9.4279
-1.20	0.8130	2.1637	27.7871	22.3997	1.2405	1.1929	9.3671
-1.00	1.0058	2.1284	24.0529	19.3492	1.2431	1.2018	9.3250
-0.80	1.1998	2.0989	21.0637	16.8956	1.2467	1.2115	9.2979
-0.60	1.3945	2.0737	18.7690	14.9844	1.2526	1.2220	9.2814
-0.40	1.5898	2.0514	17.1289	13.5875	1.2606	1.2317	9.2682
-0.20	1.7854	2.0303	16.1133	12.6924	1.2695	1.2405	9.2529
0.0	1.9807	2.0086	15.7252	12.3105	1.2774	1.2464	9.2254
0.20	2.1754	1.9844	16.0163	12.4483	1.2866	1.2491	9.1793
0.40	2.3691	1.9555	16.9370	13.0865	1.2942	1.2485	9.1105
0.60	2.5612	1.9203	18.4041	14.1326	1.3022	1.2458	9.0183
0.80	2.7514	1.8777	20.2158	15.3888	1.3137	1.2430	8.9074
1.00	2.9398	1.8281	21.9268	16.5666	1.3236	1.2416	8.7843
1.20	3.1268	1.7742	23.1644	17.3796	1.3328	1.2433	8.6596
1.40	3.3133	1.7200	23.6296	17.6545	1.3384	1.2499	8.5488
1.60	3.5009	1.6714	23.2246	17.3568	1.3381	1.2622	8.4688
1.80	3.6914	1.6352	22.0873	16.5873	1.3316	1.2829	8.4446
2.00	3.8870	1.6189	20.4506	15.5429	1.3157	1.3094	8.4890
2.20	4.0900	1.6299	0.0	14.5428	0.0	0.0	0.0

T= 13100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7182	3.9869	0.0	11.3357	0.0	0.0	0.0
-6.80	-4.5185	3.9845	14.0454	9.8338	1.4283	1.4265	13.9538
-6.60	-4.3187	3.9828	13.0247	8.9058	1.4625	1.4640	14.1331
-6.40	-4.1189	3.9812	12.4715	8.3765	1.4889	1.4896	14.2533
-6.20	-3.9190	3.9797	12.2287	8.1358	1.5031	1.5034	14.3162
-6.00	-3.7192	3.9778	12.2584	8.1412	1.5057	1.5045	14.3180
-5.80	-3.5195	3.9752	12.5488	8.3813	1.4972	1.4953	14.2698
-5.60	-3.3199	3.9714	13.1651	8.9097	1.4776	1.4741	14.1614
-5.40	-3.1206	3.9656	14.2273	9.8196	1.4489	1.4427	13.9995
-5.20	-2.9215	3.9569	15.9110	11.2833	1.4101	1.4027	13.7887
-5.00	-2.7230	3.9436	18.5129	13.5311	1.3682	1.3569	13.5392
-4.80	-2.5252	3.9234	22.4453	16.8822	1.3295	1.3118	13.2784
-4.60	-2.3285	3.8935	28.1367	21.6716	1.2983	1.2714	13.0222
-4.40	-2.1334	3.8499	35.9335	28.1666	1.2757	1.2381	12.7781
-4.20	-1.9404	3.7885	46.0952	36.4072	1.2661	1.2131	12.5472
-4.00	-1.7500	3.7059	57.9392	45.7965	1.2651	1.1950	12.3168
-3.80	-1.5625	3.6004	70.3718	55.3298	1.2719	1.1821	12.0749
-3.60	-1.3781	3.4736	81.5158	63.5358	1.2830	1.1737	11.8178
-3.40	-1.1964	3.3303	89.4996	69.1512	1.2943	1.1681	11.5440
-3.20	-1.0167	3.1779	92.9956	71.4349	1.3018	1.1647	11.2602
-3.00	-0.8383	3.0241	91.9921	70.4969	1.3049	1.1627	10.9750
-2.80	-0.6601	2.8761	87.1608	66.9240	1.3024	1.1619	10.6992
-2.60	-0.4813	2.7389	79.8124	61.5626	1.2964	1.1622	10.4423
-2.40	-0.3013	2.6158	71.0919	55.2585	1.2865	1.1632	10.2096
-2.20	-0.1195	2.5080	62.0954	48.6886	1.2754	1.1654	10.0063
-2.00	0.0641	2.4155	53.5689	42.3323	1.2654	1.1685	9.8332
-1.80	0.2498	2.3373	45.8323	36.4827	1.2563	1.1727	9.6900
-1.60	0.4375	2.2719	39.0892	31.2863	1.2494	1.1780	9.5748
-1.40	0.6270	2.2177	33.3403	26.7947	1.2443	1.1843	9.4855
-1.20	0.8182	2.1730	28.5934	22.9947	1.2435	1.1919	9.4195
-1.00	1.0107	2.1360	24.6771	19.8447	1.2435	1.2008	9.3736
-0.80	1.2044	2.1052	21.5576	17.2951	1.2465	1.2101	9.3418

T= 13100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	1.3990	2.0791	19.1449	15.2933	1.2518	1.2206	9.3238
-0.40	1.5942	2.0562	17.3903	13.8082	1.2594	1.2306	9.3103
-0.20	1.7896	2.0347	16.2656	12.8253	1.2682	1.2394	9.2944
0.0	1.9850	2.0130	15.7759	12.3464	1.2778	1.2461	9.2698
0.20	2.1798	1.9892	15.9185	12.3831	1.2855	1.2492	9.2264
0.40	2.3736	1.9611	16.7297	12.9247	1.2944	1.2493	9.1611
0.60	2.5660	1.9270	18.1001	13.8889	1.3032	1.2471	9.0730
0.80	2.7566	1.8856	19.8333	15.1003	1.3134	1.2445	8.9657
1.00	2.9453	1.8373	21.5424	16.2837	1.3229	1.2428	8.8443
1.20	3.1326	1.7842	22.8515	17.1487	1.3326	1.2446	8.7219
1.40	3.3193	1.7305	23.4237	17.4986	1.3386	1.2506	8.6105
1.60	3.5069	1.6819	23.1333	17.2862	1.3382	1.2525	8.5287
1.80	3.6973	1.6452	22.1035	16.5947	1.3320	1.2825	8.5020
2.00	3.8928	1.6281	20.5441	15.6108	1.3160	1.3076	8.5398
2.20	4.0953	1.6376	0.0	14.6756	0.0	0.0	0.0

T= 13200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7148	3.9883	0.0	12.2160	0.0	0.0	0.0
-6.80	-4.5151	3.9854	14.6387	10.3756	1.4109	1.4074	13.9147
-6.60	-4.3153	3.9834	13.3975	9.2457	1.4490	1.4487	14.1136
-6.40	-4.1155	3.9817	12.6897	8.5743	1.4800	1.4794	14.2596
-6.20	-3.9157	3.9801	12.3632	8.2332	1.5016	1.4967	14.3397
-6.00	-3.7159	3.9783	12.2711	8.1537	1.5050	1.5028	14.3653
-5.80	-3.5161	3.9758	12.4717	8.3174	1.4995	1.4965	14.3309
-5.60	-3.3165	3.9723	13.0141	8.7576	1.4860	1.4797	14.2441
-5.40	-3.1171	3.9671	13.9194	9.5507	1.4574	1.4506	14.0941
-5.20	-2.9180	3.9591	15.3919	10.8448	1.4193	1.4126	13.8943
-5.00	-2.7193	3.9470	17.7370	12.8559	1.3797	1.3689	13.6565
-4.80	-2.5213	3.9286	21.2901	15.8838	1.3404	1.3234	13.3963
-4.60	-2.3244	3.9012	26.4221	20.2428	1.3053	1.2817	13.1374
-4.40	-2.1289	3.8611	33.6472	26.2773	1.2805	1.2467	12.8901
-4.20	-1.9353	3.8041	43.0932	33.9916	1.2678	1.2198	12.6558
-4.00	-1.7443	3.7266	54.5354	43.0796	1.2659	1.1997	12.4227
-3.80	-1.5561	3.6263	66.8382	52.5746	1.2713	1.1860	12.1843
-3.60	-1.3710	3.5041	78.2933	61.0994	1.2814	1.1766	11.9297
-3.40	-1.1887	3.3641	86.9904	67.2802	1.2930	1.1703	11.6574
-3.20	-1.0086	3.2131	91.5592	70.3278	1.3019	1.1664	11.3738
-3.00	-0.8300	3.0590	91.5505	70.1064	1.3059	1.1640	11.0862
-2.80	-0.6518	2.9092	87.5816	67.1114	1.3050	1.1629	10.8064
-2.60	-0.4732	2.7692	80.7358	62.1585	1.2989	1.1628	10.5429
-2.40	-0.2935	2.6428	72.3833	56.0918	1.2904	1.1639	10.3043
-2.20	-0.1122	2.5315	63.4848	49.6221	1.2794	1.1658	10.0930
-2.00	0.0710	2.4355	54.8939	43.2761	1.2685	1.1687	9.9121
-1.80	0.2563	2.3541	47.0542	37.3763	1.2589	1.1726	9.7616
-1.60	0.4435	2.2859	40.1647	32.0976	1.2513	1.1778	9.6403
-1.40	0.6326	2.2293	34.2863	27.5057	1.2465	1.1839	9.5449
-1.20	0.8234	2.1825	29.3554	23.6049	1.2436	1.1911	9.4727
-1.00	1.0156	2.1439	25.3183	20.3540	1.2439	1.1995	9.4218
-0.80	1.2091	2.1118	22.0747	17.7095	1.2465	1.2090	9.3877
-0.60	1.4035	2.0847	19.5484	15.6185	1.2516	1.2190	9.3657
-0.40	1.5985	2.0610	17.6802	14.0459	1.2587	1.2292	9.3512
-0.20	1.7939	2.0392	16.4258	12.9716	1.2663	1.2381	9.3354
0.0	1.9892	2.0174	15.8163	12.3983	1.2757	1.2451	9.3117

T= 13200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.1841	1.9939	15.8417	12.3361	1.2842	1.2497	9.2742
0.40	2.3781	1.9665	16.5208	12.7789	1.2928	1.2502	9.2123
0.60	2.5707	1.9334	17.7972	13.6607	1.3028	1.2484	9.1277
0.80	2.7616	1.8932	19.4260	14.8164	1.3111	1.2460	9.0235
1.00	2.9507	1.8461	21.1559	15.9952	1.3226	1.2446	8.9056
1.20	3.1382	1.7940	22.5206	16.9021	1.3324	1.2461	8.7845
1.40	3.3252	1.7409	23.1951	17.3279	1.3386	1.2519	8.6735
1.60	3.5129	1.6923	23.0505	17.2000	1.3401	1.2640	8.5926
1.80	3.7033	1.6552	22.1246	16.5890	1.3337	1.2830	8.5615
2.00	3.8985	1.6372	20.6646	15.6779	1.3181	1.3065	8.5930
2.20	4.1007	1.6453	0.0	14.8245	0.0	0.0	0.0

T= 13300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7113	3.9899	0.0	13.2683	0.0	0.0	0.0
-6.80	-4.5117	3.9865	15.3522	11.0563	1.3885	1.3871	13.8680
-6.60	-4.3120	3.9841	13.9053	9.6642	1.4388	1.4325	14.0886
-6.40	-4.1122	3.9823	12.9613	8.8246	1.4688	1.4676	14.2569
-6.20	-3.9123	3.9806	12.4854	8.3698	1.4917	1.4893	14.3588
-6.00	-3.7125	3.9788	12.3346	8.2025	1.5038	1.4999	14.4067
-5.80	-3.5128	3.9765	12.4399	8.2817	1.5021	1.4979	14.3929
-5.60	-3.3131	3.9732	12.8478	8.6304	1.4887	1.4845	14.3232
-5.40	-3.1137	3.9684	13.6393	9.3195	1.4635	1.4586	14.1887
-5.20	-2.9145	3.9611	14.9833	10.4609	1.4323	1.4236	14.0046
-5.00	-2.7157	3.9501	17.0579	12.2589	1.3915	1.3812	13.7750
-4.80	-2.5175	3.9333	20.2490	14.9827	1.3515	1.3356	13.5168
-4.60	-2.3203	3.9082	24.9148	18.9450	1.3151	1.2923	13.2534
-4.40	-2.1244	3.8712	31.6000	24.4990	1.2898	1.2558	13.0028
-4.20	-1.9304	3.8184	40.3786	31.7475	1.2719	1.2269	12.7644
-4.00	-1.7388	3.7457	51.2421	40.4616	1.2664	1.2051	12.5299
-3.80	-1.5499	3.6507	63.3139	49.8300	1.2706	1.1901	12.2925
-3.60	-1.3641	3.5332	74.9905	58.5863	1.2800	1.1799	12.0410
-3.40	-1.1812	3.3967	84.2982	65.3015	1.2909	1.1728	11.7709
-3.20	-1.0007	3.2476	89.9061	69.0397	1.3022	1.1683	11.4872
-3.00	-0.8218	3.0936	90.8146	69.5044	1.3066	1.1655	11.1982
-2.80	-0.6436	2.9423	87.6830	67.1153	1.3065	1.1641	10.9145
-2.60	-0.4652	2.7998	81.4863	62.5989	1.3017	1.1639	10.6460
-2.40	-0.2858	2.6701	73.4765	56.8057	1.2935	1.1646	10.3996
-2.20	-0.1048	2.5554	64.7619	50.4762	1.2830	1.1663	10.1811
-2.00	0.0779	2.4560	56.1522	44.1622	1.2715	1.1690	9.9926
-1.80	0.2627	2.3714	48.2697	38.2295	1.2626	1.1726	9.8344
-1.60	0.4495	2.3004	41.2304	32.8797	1.2540	1.1775	9.7059
-1.40	0.6382	2.2413	35.2040	28.1983	1.2484	1.1834	9.6044
-1.20	0.8286	2.1924	30.1260	24.2023	1.2448	1.1903	9.5271
-1.00	1.0206	2.1521	25.9529	20.8571	1.2443	1.1984	9.4709
-0.80	1.2137	2.1186	22.5948	18.1237	1.2467	1.2077	9.4332
-0.60	1.4079	2.0904	19.9512	15.9462	1.2512	1.2175	9.4083
-0.40	1.6028	2.0659	17.9839	14.2920	1.2583	1.2276	9.3918
-0.20	1.7981	2.0436	16.6239	13.1390	1.2652	1.2367	9.3756
0.0	1.9934	2.0218	15.9068	12.4857	1.2740	1.2443	9.3539
0.20	2.1884	1.9985	15.8394	12.3388	1.2837	1.2493	9.3184
0.40	2.3826	1.9718	16.4157	12.7010	1.2925	1.2504	9.2602
0.60	2.5754	1.9396	17.5719	13.5150	1.3002	1.2491	9.1795
0.80	2.7666	1.9006	19.1808	14.6361	1.3105	1.2469	9.0786

T= 13300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.9560	1.8547	20.9047	15.8193	1.3215	1.2457	8.9640
1.20	3.1438	1.8035	22.3223	16.7746	1.3307	1.2469	8.8437
1.40	3.3310	1.7510	23.1123	17.2784	1.3376	1.2526	8.7340
1.60	3.5188	1.7025	23.0628	17.2323	1.3383	1.2638	8.6507
1.80	3.7091	1.6651	22.2324	16.6874	1.3323	1.2826	8.6182
2.00	3.9042	1.6464	20.8343	15.8253	1.3165	1.3046	8.6430
2.20	4.1059	1.6529	0.0	15.0214	0.0	0.0	0.0

T= 13400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7079	3.9918	0.0	14.5178	0.0	0.0	0.0
-6.80	-4.5083	3.9877	16.2173	11.8650	1.3668	0.0	0.0
-6.60	-4.3086	3.9849	14.4143	10.1593	1.4188	1.4146	14.0547
-6.40	-4.1088	3.9829	13.3059	9.1335	1.4568	1.4537	14.2439
-6.20	-3.9090	3.9811	12.6528	8.5474	1.4803	1.4816	14.3768
-6.00	-3.7092	3.9793	12.3867	8.2773	1.4965	1.4957	14.4412
-5.80	-3.5095	3.9771	12.3857	8.2769	1.4964	1.4981	14.4490
-5.60	-3.3098	3.9740	12.7243	8.5440	1.4893	1.4879	14.3943
-5.40	-3.1103	3.9696	13.4446	9.1252	1.4733	1.4657	14.2785
-5.20	-2.9110	3.9629	14.5879	10.1336	1.4396	1.4332	14.1074
-5.00	-2.7121	3.9528	16.4795	11.7385	1.4039	1.3923	13.8872
-4.80	-2.5138	3.9375	19.3127	14.1936	1.3607	1.3478	13.6367
-4.60	-2.3164	3.9145	23.5838	17.8197	1.3235	1.3034	13.3709
-4.40	-2.1202	3.8804	29.6475	22.9074	1.2942	1.2653	13.1165
-4.20	-1.9257	3.8315	37.9073	29.6687	1.2777	1.2342	12.8724
-4.00	-1.7334	3.7635	48.2382	37.9779	1.2702	1.2112	12.6385
-3.80	-1.5440	3.6735	59.9453	47.1714	1.2708	1.1945	12.3999
-3.60	-1.3575	3.5609	71.7260	56.0515	1.2796	1.1830	12.1497
-3.40	-1.1740	3.4282	81.5941	63.2212	1.2906	1.1754	11.8825
-3.20	-0.9930	3.2813	87.9161	67.5903	1.3007	1.1701	11.5992
-3.00	-0.8138	3.1278	89.8792	68.7777	1.3068	1.1671	11.3098
-2.80	-0.6355	2.9754	87.6482	67.0049	1.3081	1.1655	11.0234
-2.60	-0.4572	2.8305	82.1219	62.9516	1.3045	1.1650	10.7496
-2.40	-0.2780	2.6978	74.5087	57.4594	1.2967	1.1654	10.4960
-2.20	-0.0975	2.5797	65.9787	51.2875	1.2864	1.1669	10.2704
-2.00	0.0849	2.4769	57.4847	45.0258	1.2767	1.1695	10.0747
-1.80	0.2692	2.3891	49.4582	39.0741	1.2658	1.1730	9.9096
-1.60	0.4555	2.3152	42.3165	33.6586	1.2572	1.1773	9.7729
-1.40	0.6438	2.2536	36.1314	28.8960	1.2504	1.1828	9.6645
-1.20	0.8339	2.2026	30.9352	24.8064	1.2471	1.1897	9.5823
-1.00	1.0255	2.1604	26.6196	21.3694	1.2457	1.1978	9.5224
-0.80	1.2184	2.1255	23.1385	18.5464	1.2476	1.2065	9.4795
-0.60	1.4124	2.0962	20.3783	16.2839	1.2514	1.2162	9.4517
-0.40	1.6071	2.0709	18.2848	14.5470	1.2569	1.2263	9.4335
-0.20	1.8023	2.0482	16.8418	13.3073	1.2656	1.2357	9.4172
0.0	1.9976	2.0262	16.0143	12.5563	1.2744	1.2436	9.3963
0.20	2.1927	2.0031	15.8053	12.3246	1.2824	1.2487	9.3618
0.40	2.3869	1.9769	16.2476	12.5894	1.2906	1.2509	9.3086
0.60	2.5800	1.9456	17.3122	13.3135	1.3004	1.2501	9.2318
0.80	2.7715	1.9077	18.8457	14.3758	1.3109	1.2483	9.1348
1.00	2.9612	1.8630	20.5223	15.5392	1.3207	1.2470	9.0225
1.20	3.1493	1.8129	21.9805	16.5220	1.3304	1.2482	8.9048
1.40	3.3367	1.7610	22.8571	17.0906	1.3374	1.2534	8.7945
1.60	3.5246	1.7128	22.9455	17.1268	1.3397	1.2646	8.7117

T= 13400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.7150	1.6750	22.2629	16.6824	1.3345	1.2830	8.6778
2.00	3.9099	1.6555	20.9891	15.9194	1.3185	1.3045	8.6993
2.20	4.1112	1.6604	0.0	15.2756	0.0	0.0	0.0

T= 13500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7044	3.9941	0.0	15.9614	0.0	0.0	0.0
-6.80	-4.5049	3.9892	17.2406	12.7780	1.3492	1.3441	13.7583
-6.60	-4.3053	3.9859	15.0086	10.7555	1.3954	1.3954	14.0126
-6.40	-4.1055	3.9836	13.6711	9.5025	1.4387	1.4383	14.2219
-6.20	-3.9057	3.9816	12.8862	8.7583	1.4713	1.4707	14.3777
-6.00	-3.7059	3.9798	12.5004	8.3810	1.4915	1.4899	14.4683
-5.80	-3.5062	3.9776	12.4316	8.2958	1.4985	1.4961	14.4940
-5.60	-3.3065	3.9749	12.6357	8.4793	1.4902	1.4894	14.4563
-5.40	-3.1069	3.9707	13.2170	8.9671	1.4739	1.4710	14.3596
-5.20	-2.9076	3.9646	14.2237	9.8481	1.4443	1.4412	14.2022
-5.00	-2.7086	3.9553	15.9075	11.2790	1.4104	1.4023	13.9933
-4.80	-2.5102	3.9413	18.5096	13.4875	1.3723	1.3588	13.7501
-4.60	-2.3125	3.9202	22.3736	16.7718	1.3340	1.3147	13.4884
-4.40	-2.1160	3.8888	27.9046	21.4584	1.3004	1.2745	13.2274
-4.20	-1.9211	3.8435	35.5851	27.7659	1.2816	1.2416	12.9793
-4.00	-1.7283	3.7800	45.3471	35.6699	1.2713	1.2169	12.7428
-3.80	-1.5382	3.6950	56.7568	44.6108	1.2723	1.1989	12.5057
-3.60	-1.3510	3.5872	68.4554	53.5677	1.2779	1.1864	12.2574
-3.40	-1.1669	3.4586	78.7819	61.1049	1.2893	1.1780	11.9927
-3.20	-0.9854	3.3142	85.8762	66.1027	1.2991	1.1722	11.7109
-3.00	-0.8059	3.1615	88.8567	67.9716	1.3073	1.1687	11.4209
-2.80	-0.6275	3.0083	87.4763	66.8183	1.3092	1.1667	11.1311
-2.60	-0.4492	2.8614	82.6304	63.2488	1.3064	1.1659	10.8523
-2.40	-0.2703	2.7258	75.4866	58.0781	1.2997	1.1662	10.5936
-2.20	-0.0901	2.6044	67.2014	52.0863	1.2902	1.1675	10.3607
-2.00	0.0918	2.4983	58.7017	45.8915	1.2791	1.1697	10.1568
-1.80	0.2757	2.4073	50.6266	39.9252	1.2680	1.1729	9.9840
-1.60	0.4616	2.3305	43.3932	34.4537	1.2595	1.1773	9.8416
-1.40	0.6495	2.2663	37.0927	29.6085	1.2528	1.1826	9.7271
-1.20	0.8392	2.2131	31.7334	25.4267	1.2480	1.1892	9.6389
-1.00	1.0305	2.1691	27.2981	21.8993	1.2465	1.1968	9.5732
-0.80	1.2231	2.1327	23.6761	18.9834	1.2472	1.2055	9.5268
-0.60	1.4169	2.1022	20.8029	16.6344	1.2506	1.2149	9.4954
-0.40	1.6114	2.0761	18.6365	14.8141	1.2580	1.2248	9.4745
-0.20	1.8065	2.0527	17.0880	13.4930	1.2664	1.2343	9.4577
0.0	2.0018	2.0305	16.1309	12.6618	1.2740	1.2427	9.4382
0.20	2.1968	2.0075	15.8032	12.3316	1.2815	1.2483	9.4056
0.40	2.3912	1.9818	16.1238	12.5012	1.2898	1.2512	9.3561
0.60	2.5945	1.9514	17.0766	13.1409	1.2995	1.2511	9.2836
0.80	2.7763	1.9146	18.5040	14.1305	1.3095	1.2495	9.1897
1.00	2.9663	1.8710	20.1511	15.2666	1.3199	1.2482	9.0800
1.20	3.1547	1.8220	21.6461	16.2785	1.3297	1.2494	8.9645
1.40	3.3423	1.7708	22.6026	16.9023	1.3372	1.2543	8.8550
1.60	3.5304	1.7228	22.8106	17.0186	1.3403	1.2654	8.7726
1.80	3.7207	1.6848	22.2330	16.6528	1.3351	1.2832	8.7363
2.00	3.9155	1.6648	21.0630	15.9657	1.3193	1.3028	8.7504
2.20	4.1165	1.6684	0.0	15.4181	0.0	0.0	0.0

T= 13600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7009	3.9968	0.0	17.6655	0.0	0.0	0.0
-6.80	-4.5015	3.9910	18.4702	13.8950	1.3293	1.3228	13.7025
-6.60	-4.3019	3.9871	15.8159	11.4787	1.3778	1.3760	13.9681
-6.40	-4.1022	3.9844	14.2107	9.9411	1.4295	1.4225	14.1976
-6.20	-3.9025	3.9822	13.2325	9.0239	1.4664	1.4587	14.3731
-6.00	-3.7027	3.9803	12.6561	8.5286	1.4840	1.4823	14.4853
-5.80	-3.5029	3.9782	12.5114	8.3466	1.4990	1.4932	14.5349
-5.60	-3.3032	3.9755	12.6692	8.4427	1.5006	1.4906	14.5171
-5.40	-3.1036	3.9716	13.0690	8.8359	1.4791	1.4760	14.4388
-5.20	-2.9042	3.9660	13.9398	9.6004	1.4520	1.4497	14.2995
-5.00	-2.7052	3.9575	15.4544	10.8748	1.4211	1.4128	14.1012
-4.80	-2.5066	3.9447	17.7298	12.8562	1.3791	1.3696	13.8616
-4.60	-2.3087	3.9253	21.2666	15.8400	1.3426	1.3257	13.6037
-4.40	-2.1119	3.8964	26.3771	20.1326	1.3102	1.2842	13.3399
-4.20	-1.9166	3.8544	33.3758	25.9997	1.2837	1.2499	13.0895
-4.00	-1.7234	3.7952	42.6548	33.4703	1.2744	1.2231	12.8483
-3.80	-1.5326	3.7150	53.5782	42.1304	1.2717	1.2037	12.6109
-3.60	-1.3448	3.6121	65.2538	51.0633	1.2779	1.1900	12.3642
-3.40	-1.1601	3.4877	75.8871	58.9010	1.2884	1.1807	12.1018
-3.20	-0.9780	3.3463	83.7203	64.4439	1.2991	1.1746	11.8229
-3.00	-0.7982	3.1948	87.5480	66.9572	1.3075	1.1705	11.5321
-2.80	-0.6196	3.0411	87.0743	66.4396	1.3106	1.1682	11.2403
-2.60	-0.4413	2.8924	82.9331	63.3844	1.3084	1.1671	10.9570
-2.40	-0.2626	2.7541	76.2856	58.5624	1.3026	1.1672	10.6922
-2.20	-0.0827	2.6295	68.2791	52.7789	1.2937	1.1682	10.4520
-2.00	0.0988	2.5200	59.8731	46.6740	1.2828	1.1701	10.2404
-1.80	0.2823	2.4259	51.7964	40.7197	1.2720	1.1730	10.0597
-1.60	0.4677	2.3461	44.4520	35.2131	1.2624	1.1772	9.9106
-1.40	0.6552	2.2793	38.0211	30.2937	1.2551	1.1825	9.7904
-1.20	0.8445	2.2239	32.5390	26.0296	1.2501	1.1887	9.6959
-1.00	1.0354	2.1780	27.9819	22.4166	1.2483	1.1958	9.6241
-0.80	1.2278	2.1400	24.2279	19.4157	1.2478	1.2043	9.5737
-0.60	1.4213	2.1083	21.2740	16.9893	1.2522	1.2137	9.5398
-0.40	1.6157	2.0813	18.9613	15.0923	1.2564	1.2233	9.5155
-0.20	1.8107	2.0574	17.2948	13.6961	1.2628	1.2331	9.4987
0.0	2.0059	2.0349	16.2572	12.7920	1.2709	1.2415	9.4786
0.20	2.2010	2.0119	15.8581	12.3874	1.2802	1.2475	9.4478
0.40	2.3955	1.9867	16.1040	12.4795	1.2904	1.2509	9.4010
0.60	2.5890	1.9570	16.9533	13.0489	1.2992	1.2513	9.3320
0.80	2.7810	1.9212	18.3133	13.9995	1.3081	1.2500	9.2418
1.00	2.9713	1.8789	19.9299	15.1275	1.3175	1.2489	9.1351
1.20	3.1600	1.8309	21.4688	16.1630	1.3283	1.2499	9.0214
1.40	3.3479	1.7804	22.5048	16.8454	1.3360	1.2548	8.9137
1.60	3.5361	1.7327	22.7876	17.0295	1.3381	1.2650	8.8292
1.80	3.7265	1.6946	22.2919	16.7210	1.3332	1.2819	8.7893
2.00	3.9211	1.6739	21.1592	16.0694	1.3167	1.2992	8.7942
2.20	4.1216	1.6758	0.0	15.5371	0.0	0.0	0.0

T= 13700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6974	4.0000	0.0	19.6945	0.0	0.0	0.0
-6.80	-4.4981	3.9931	19.8655	15.2585	1.3019	1.3027	13.6512
-6.60	-4.2986	3.9885	16.8073	12.3524	1.3606	1.3564	13.9218
-6.40	-4.0990	3.9853	14.7769	10.5517	1.4004	1.4057	14.1667

T= 13700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-3.8992	3.9829	13.6347	9.4315	1.4457	1.4461	14.3646
-6.00	-3.6994	3.9808	12.9561	8.7777	1.4760	1.4738	14.4979
-5.80	-3.4997	3.9787	12.6494	8.4964	1.4888	1.4891	14.5690
-5.60	-3.3000	3.9761	12.6645	8.5075	1.4886	1.4908	14.5725
-5.40	-3.1004	3.9726	13.0229	8.8109	1.4780	1.4797	14.5118
-5.20	-2.9009	3.9673	13.8583	9.4680	1.4637	1.4568	14.3893
-5.00	-2.7018	3.9596	15.1633	10.5883	1.4321	1.4226	14.2056
-4.80	-2.5031	3.9478	17.2598	12.3711	1.3952	1.3809	13.9753
-4.60	-2.3050	3.9299	20.3457	15.0720	1.3499	1.3363	13.7162
-4.40	-2.1080	3.9034	25.0233	19.0005	1.3170	1.2946	13.4549
-4.20	-1.9123	3.8645	31.5629	24.4293	1.2920	1.2586	13.2002
-4.00	-1.7186	3.8092	40.1647	31.4885	1.2755	1.2301	12.9561
-3.80	-1.5273	3.7337	50.6910	39.8162	1.2731	1.2089	12.7164
-3.60	-1.3388	3.6357	62.1720	48.6690	1.2774	1.1941	12.4710
-3.40	-1.1534	3.5156	73.0176	56.7492	1.2867	1.1836	12.2096
-3.20	-0.9708	3.3773	81.4670	62.7679	1.2979	1.1769	11.9330
-3.00	-0.7906	3.2274	86.0968	65.8997	1.3065	1.1723	11.6425
-2.80	-0.6118	3.0736	86.5450	66.0112	1.3111	1.1696	11.3486
-2.60	-0.4335	2.9234	83.1776	63.4625	1.3107	1.1683	11.0614
-2.40	-0.2550	2.7825	77.0293	59.0183	1.3052	1.1682	10.7912
-2.20	-0.0754	2.6549	69.3120	53.4580	1.2966	1.1690	10.5445
-2.00	0.1058	2.5422	61.0551	47.4605	1.2864	1.1706	10.3255
-1.80	0.2888	2.4448	52.9571	41.5325	1.2751	1.1735	10.1381
-1.60	0.4739	2.3621	45.5574	35.9829	1.2661	1.1772	9.9808
-1.40	0.6609	2.2927	38.9764	30.9974	1.2574	1.1822	9.8540
-1.20	0.8498	2.2349	33.3723	26.6512	1.2522	1.1880	9.7531
-1.00	1.0404	2.1871	28.6627	22.9514	1.2488	1.1951	9.6770
-0.80	1.2325	2.1476	24.8106	19.8643	1.2490	1.2034	9.6221
-0.60	1.4258	2.1146	21.7219	17.3527	1.2518	1.2125	9.5842
-0.40	1.6200	2.0866	19.3109	15.3755	1.2560	1.2221	9.5581
-0.20	1.8149	2.0621	17.5443	13.8993	1.2622	1.2319	9.5398
0.0	2.0100	2.0392	16.4020	12.9120	1.2703	1.2403	9.5192
0.20	2.2051	2.0163	15.8728	12.4157	1.2784	1.2470	9.4910
0.40	2.3997	1.9914	15.9812	12.4165	1.2871	1.2507	9.4460
0.60	2.5934	1.9624	16.7211	12.8958	1.2966	1.2516	9.3805
0.80	2.7856	1.9277	17.9949	13.7687	1.3069	1.2508	9.2943
1.00	2.9762	1.8864	19.5826	14.8508	1.3186	1.2502	9.1920
1.20	3.1653	1.8395	21.0980	15.8853	1.3281	1.2511	9.0802
1.40	3.3534	1.7898	22.1891	16.6161	1.3354	1.2558	8.9736
1.60	3.5417	1.7425	22.5850	16.8747	1.3384	1.2658	8.8891
1.80	3.7321	1.7043	22.2118	16.6437	1.3345	1.2820	8.8473
2.00	3.9266	1.6829	21.1715	16.0817	1.3165	1.2977	8.8453
2.20	4.1267	1.6830	0.0	15.6816	0.0	0.0	0.0

T= 13800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6938	4.0038	0.0	21.4105	0.0	0.0	0.0
-6.80	-4.4947	3.9956	20.9701	16.1836	1.2958	1.2823	13.5977
-6.60	-4.2953	3.9901	17.2690	12.7812	1.3511	1.3361	13.8702
-6.40	-4.0957	3.9864	14.9256	10.5582	1.4137	1.3874	14.1272
-6.20	-3.8960	3.9837	13.3938	9.2464	1.4485	1.4314	14.3448
-6.00	-3.6962	3.9814	12.5810	8.4254	1.4932	1.4645	14.5059
-5.80	-3.4965	3.9793	12.1796	8.0331	1.5162	1.4840	14.5978
-5.60	-3.2967	3.9767	12.0541	7.9566	1.5150	1.4896	14.6211

T= 13800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.40	-3.0971	3.9734	12.4053	8.1882	1.5150	1.4832	14.5831
-5.20	-2.8976	3.9686	13.0414	8.7321	1.4935	1.4624	14.4720
-5.00	-2.6984	3.9614	14.1424	9.7208	1.4549	1.4318	14.3067
-4.80	-2.4996	3.9505	16.0534	11.3213	1.4180	1.3920	14.0874
-4.60	-2.3014	3.9341	18.9816	13.7850	1.3770	1.3481	13.8342
-4.40	-2.1041	3.9096	23.1976	17.3673	1.3357	1.3052	13.5699
-4.20	-1.9081	3.8736	29.2624	22.4047	1.3061	1.2673	13.3098
-4.00	-1.7140	3.8221	37.3203	29.0547	1.2845	1.2372	13.0631
-3.80	-1.5221	3.7511	47.3856	37.0539	1.2788	1.2145	12.8217
-3.60	-1.3330	3.6579	58.6332	45.8120	1.2799	1.1980	12.5754
-3.40	-1.1470	3.5423	69.6598	54.0350	1.2892	1.1868	12.3170
-3.20	-0.9638	3.4074	78.5986	60.5389	1.2983	1.1792	12.0417
-3.00	-0.7831	3.2593	84.1558	64.3505	1.3078	1.1743	11.7525
-2.80	-0.6041	3.1057	85.4511	65.0977	1.3127	1.1711	11.4568
-2.60	-0.4258	2.9543	82.9184	63.1056	1.3140	1.1696	11.1666
-2.40	-0.2474	2.8112	77.3567	59.0780	1.3094	1.1690	10.8900
-2.20	-0.0680	2.6806	70.0205	53.8073	1.3013	1.1696	10.6368
-2.00	0.1128	2.5647	61.9153	47.9960	1.2900	1.1712	10.4116
-1.80	0.2954	2.4642	53.8955	42.1308	1.2792	1.1741	10.2178
-1.60	0.4800	2.3785	46.4338	36.5973	1.2688	1.1776	10.0537
-1.40	0.6667	2.3064	39.8009	31.5782	1.2604	1.1820	9.9188
-1.20	0.8552	2.2463	34.0943	27.1700	1.2549	1.1877	9.8121
-1.00	1.0455	2.1965	29.2782	23.4105	1.2506	1.1945	9.7308
-0.80	1.2372	2.1554	25.3130	20.2580	1.2495	1.2025	9.6712
-0.60	1.4303	2.1211	22.1231	17.6806	1.2513	1.2112	9.6288
-0.40	1.6243	2.0921	19.6421	15.6318	1.2565	1.2209	9.6006
-0.20	1.8190	2.0669	17.8057	14.0923	1.2635	1.2305	9.5802
0.0	2.0141	2.0436	16.5702	13.0366	1.2711	1.2394	9.5605
0.20	2.2092	2.0206	15.9588	12.4728	1.2795	1.2465	9.5337
0.40	2.4039	1.9960	15.9621	12.4026	1.2870	1.2504	9.4904
0.60	2.5977	1.9677	16.6020	12.8158	1.2954	1.2521	9.4290
0.80	2.7902	1.9339	17.8019	13.6355	1.3056	1.2515	9.3454
1.00	2.9811	1.8938	19.3568	14.7035	1.3165	1.2506	9.2446
1.20	3.1704	1.8479	20.9029	15.7597	1.3263	1.2514	9.1352
1.40	3.3588	1.7990	22.0718	16.5436	1.3342	1.2558	9.0293
1.60	3.5473	1.7521	22.5641	16.8728	1.3373	1.2652	8.9439
1.80	3.7377	1.7138	22.2844	16.7200	1.3328	1.2811	8.9011
2.00	3.9321	1.6918	21.3407	16.2237	1.3154	1.2944	8.8896
2.20	4.1316	1.6901	0.0	15.9253	0.0	0.0	0.0

T= 13900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6902	4.0083	0.0	26.7323	0.0	0.0	0.0
-6.80	-4.4912	3.9985	25.5953	20.6080	1.2420	1.2448	13.4506
-6.60	-4.2919	3.9920	21.0893	16.6128	1.2695	1.2875	13.6682
-6.40	-4.0924	3.9876	18.4479	14.0132	1.3165	1.3295	13.8819
-6.20	-3.8928	3.9845	16.5940	12.3640	1.3421	1.3662	14.0665
-6.00	-3.6930	3.9821	15.4888	11.3457	1.3652	1.3937	14.2029
-5.80	-3.4933	3.9798	15.0240	10.8682	1.3824	1.4108	14.2858
-5.60	-3.2935	3.9774	14.9079	10.6714	1.3970	1.4187	14.3217
-5.40	-3.0939	3.9742	14.9927	10.8139	1.3864	1.4175	14.3097
-5.20	-2.8944	3.9697	15.5062	11.2867	1.3738	1.4058	14.2424
-5.00	-2.6951	3.9630	16.5647	12.1182	1.3669	1.3854	14.1270
-4.80	-2.4962	3.9530	18.1114	13.4647	1.3451	1.3577	13.9673

T= 13900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.2979	3.9379	20.6982	15.7010	1.3183	1.3253	13.7732
-4.40	-2.1004	3.9153	24.5832	18.9938	1.2943	1.2911	13.5551
-4.20	-1.9041	3.8820	30.1755	23.6187	1.2776	1.2590	13.3284
-4.00	-1.7095	3.8340	37.6842	29.7231	1.2678	1.2321	13.1035
-3.80	-1.5171	3.7673	47.1883	37.3726	1.2626	1.2110	12.8776
-3.60	-1.3274	3.6788	57.9355	45.7700	1.2658	1.1954	12.6430
-3.40	-1.1407	3.5677	68.8598	54.0148	1.2748	1.1846	12.3946
-3.20	-0.9570	3.4364	78.1584	60.7056	1.2875	1.1772	12.1263
-3.00	-0.7759	3.2906	84.2409	64.8141	1.2997	1.1724	11.8418
-2.80	-0.5965	3.1375	86.1733	65.9877	1.3059	1.1692	11.5476
-2.60	-0.4182	2.9852	84.1908	64.3283	1.3088	1.1677	11.2563
-2.40	-0.2398	2.8400	78.9797	60.5456	1.3045	1.1674	10.9774
-2.20	-0.0607	2.7066	71.8591	55.3506	1.2983	1.1678	10.7186
-2.00	0.1198	2.5876	63.8366	49.5341	1.2887	1.1696	10.4883
-1.80	0.3020	2.4839	55.7274	43.5730	1.2789	1.1721	10.2872
-1.60	0.4862	2.3952	48.0428	37.8616	1.2689	1.1757	10.1173
-1.40	0.6724	2.3204	41.2348	32.7173	1.2603	1.1800	9.9764
-1.20	0.8606	2.2580	35.2862	28.1806	1.2521	1.1858	9.8651
-1.00	1.0505	2.2062	30.2964	24.2592	1.2489	1.1927	9.7798
-0.80	1.2420	2.1633	26.1851	20.9744	1.2484	1.2003	9.7151
-0.60	1.4348	2.1277	22.8288	18.2690	1.2496	1.2090	9.6695
-0.40	1.6286	2.0977	20.1821	16.1022	1.2534	1.2184	9.6385
-0.20	1.8232	2.0717	18.2054	14.4488	1.2600	1.2279	9.6159
0.0	2.0182	2.0480	16.8543	13.2944	1.2678	1.2370	9.5961
0.20	2.2133	2.0250	16.1325	12.6273	1.2776	1.2446	9.5713
0.40	2.4080	2.0006	16.0242	12.4577	1.2863	1.2495	9.5321
0.60	2.6020	1.9728	16.5170	12.7719	1.2932	1.2515	9.4735
0.80	2.7947	1.9400	17.6300	13.5105	1.3049	1.2517	9.3949
1.00	2.9858	1.9009	19.0799	14.5246	1.3136	1.2509	9.2969
1.20	3.1755	1.8561	20.6244	15.5626	1.3253	1.2521	9.1912
1.40	3.3641	1.8081	21.8365	16.3743	1.3336	1.2565	9.0875
1.60	3.5528	1.7617	22.4062	16.7644	1.3365	1.2654	9.0015
1.80	3.7432	1.7233	22.2271	16.6839	1.3322	1.2806	8.9565
2.00	3.9375	1.7007	21.3821	16.2678	1.3144	1.2914	8.9348
2.20	4.1366	1.6971	0.0	16.1015	0.0	0.0	0.0

T= 14000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6865	4.0135	0.0	27.4494	0.0	0.0	0.0
-6.80	-4.4877	4.0019	25.3499	20.2894	1.2494	1.2446	13.5037
-6.60	-4.2886	3.9942	20.2664	15.7561	1.2863	1.2952	13.7619
-6.40	-4.0891	3.9891	16.9306	12.4917	1.3553	1.3485	14.0335
-6.20	-3.8895	3.9855	15.0384	10.4985	1.4324	1.3985	14.2845
-6.00	-3.6898	3.9828	13.5477	9.4391	1.4353	1.4390	14.4852
-5.80	-3.4901	3.9805	12.9752	8.7141	1.4890	1.4680	14.6262
-5.60	-3.2904	3.9780	12.5918	8.4748	1.4858	1.4832	14.6972
-5.40	-3.0907	3.9749	12.7890	8.4859	1.5071	1.4840	14.6955
-5.20	-2.8911	3.9707	13.2893	8.8723	1.4978	1.4718	14.6268
-5.00	-2.6918	3.9645	14.2434	9.5699	1.4883	1.4468	14.4912
-4.80	-2.4928	3.9553	15.6272	11.0175	1.4184	1.4113	14.2955
-4.60	-2.2944	3.9414	17.9882	12.8068	1.4046	1.3696	14.0579
-4.40	-2.0967	3.9205	21.2887	16.0962	1.3224	1.3260	13.7957
-4.20	-1.9001	3.8896	26.4803	20.2313	1.3089	1.2859	13.5320
-4.00	-1.7051	3.8449	33.4627	25.8701	1.2935	1.2518	13.2744

T= 14000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-1.5123	3.7823	42.7508	33.2660	1.2851	1.2259	13.0289
-3.60	-1.3220	3.6984	53.1499	41.7728	1.2724	1.2070	12.7840
-3.40	-1.1347	3.5919	64.1507	49.8758	1.2864	1.1937	12.5287
-3.20	-0.9504	3.4644	73.9239	56.9683	1.2976	1.1844	12.2563
-3.00	-0.7687	3.3210	80.8128	61.8458	1.3067	1.1783	11.9694
-2.80	-0.5891	3.1689	83.7602	63.6943	1.3150	1.1744	11.6724
-2.60	-0.4106	3.0159	82.7646	62.9496	1.3148	1.1721	11.3762
-2.40	-0.2323	2.8688	78.4632	59.7154	1.3140	1.1711	11.0906
-2.20	-0.0534	2.7328	71.8374	54.9927	1.3063	1.1713	10.8251
-2.00	0.1267	2.6108	64.1241	49.4760	1.2961	1.1726	10.5865
-1.80	0.3086	2.5040	56.1983	43.7029	1.2859	1.1745	10.3764
-1.60	0.4924	2.4123	48.6747	38.1669	1.2753	1.1775	10.1976
-1.40	0.6782	2.3348	41.8257	33.0294	1.2663	1.1817	10.0504
-1.20	0.8660	2.2700	35.8200	28.4723	1.2581	1.1872	9.9329
-1.00	1.0556	2.2161	30.7939	24.5544	1.2541	1.1936	9.8408
-0.80	1.2467	2.1715	26.5672	21.2268	1.2516	1.2010	9.7713
-0.60	1.4393	2.1345	23.1252	18.4816	1.2513	1.2094	9.7217
-0.40	1.6329	2.1034	20.4298	16.2566	1.2567	1.2187	9.6875
-0.20	1.8273	2.0766	18.3667	14.5481	1.2625	1.2277	9.6610
0.0	2.0223	2.0525	16.9417	13.3493	1.2691	1.2368	9.6402
0.20	2.2173	2.0292	15.1110	12.6254	1.2761	1.2443	9.6145
0.40	2.4121	2.0050	15.9331	12.3870	1.2863	1.2497	9.5778
0.60	2.6062	1.9778	16.3590	12.6260	1.2957	1.2522	9.5221
0.80	2.7991	1.9458	17.3499	13.3006	1.3044	1.2530	9.4474
1.00	2.9905	1.9078	18.7512	14.2665	1.3143	1.2526	9.3534
1.20	3.1804	1.8640	20.2637	15.3037	1.3241	1.2533	9.2480
1.40	3.3693	1.8169	21.5292	16.1432	1.3336	1.2575	9.1456
1.60	3.5582	1.7709	22.2055	16.5968	1.3379	1.2664	9.0611
1.80	3.7487	1.7326	22.1146	16.5900	1.3330	1.2812	9.0149
2.00	3.9428	1.7095	21.3572	16.2627	1.3133	1.2892	8.9822
2.20	4.1414	1.7038	0.0	16.2312	0.0	0.0	0.0

T= 14100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6827	4.0196	0.0	28.8480	0.0	0.0	0.0
-6.80	-4.4842	4.0059	26.0207	20.7131	1.2562	1.2441	13.5556
-6.60	-4.2852	3.9968	19.9125	15.2132	1.3089	1.3021	13.8525
-6.40	-4.0859	3.9908	15.9872	11.3795	1.4049	1.3684	14.1900
-6.20	-3.8863	3.9867	13.3478	9.0355	1.4773	1.4354	14.5257
-6.00	-3.6866	3.9836	12.1290	7.6374	1.5881	1.4958	14.8224
-5.80	-3.4869	3.9811	11.2207	7.0237	1.5975	1.5425	15.0475
-5.60	-3.2872	3.9786	10.6195	6.6059	1.6076	1.5704	15.1778
-5.40	-3.0875	3.9756	10.5684	6.7253	1.5715	1.5767	15.2027
-5.20	-2.8880	3.9716	11.1311	6.6738	1.6679	1.5626	15.1269
-5.00	-2.6886	3.9659	11.7449	7.3420	1.5997	1.5305	14.9600
-4.80	-2.4895	3.9574	13.0163	8.5682	1.5191	1.4836	14.7131
-4.60	-2.2909	3.9445	15.2786	10.3191	1.4806	1.4270	14.4064
-4.40	-2.0931	3.9252	18.6597	13.1049	1.4239	1.3696	14.0789
-4.20	-1.8962	3.8966	23.2677	17.1835	1.3541	1.3181	13.7612
-4.00	-1.7009	3.8550	30.0482	22.5882	1.3303	1.2759	13.4667
-3.80	-1.5076	3.7963	38.4001	29.7093	1.2925	1.2433	13.1922
-3.60	-1.3167	3.7169	48.5574	37.6249	1.2906	1.2199	12.9298
-3.40	-1.1288	3.6149	59.9576	46.2018	1.2977	1.2036	12.6657
-3.20	-0.9439	3.4914	70.0441	53.7440	1.3033	1.1924	12.3896

T= 14100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-0.7518	3.3507	77.5831	59.2176	1.3101	1.1848	12.0986
-2.80	-0.5818	3.1998	81.4843	61.7835	1.3189	1.1800	11.7992
-2.60	-0.4031	3.0464	81.2965	61.4356	1.3233	1.1770	11.4981
-2.40	-0.2249	2.8977	77.6770	58.8449	1.3200	1.1752	11.2055
-2.20	-0.0461	2.7592	71.7269	54.6207	1.3132	1.1749	10.9330
-2.00	0.1337	2.6343	64.3521	49.3996	1.3027	1.1756	10.6858
-1.80	0.3152	2.5244	56.6777	43.8751	1.2918	1.1771	10.4673
-1.60	0.4986	2.4298	49.1553	38.3588	1.2815	1.1799	10.2815
-1.40	0.6840	2.3495	42.3301	33.2711	1.2723	1.1837	10.1266
-1.20	0.8714	2.2822	36.3505	28.7694	1.2635	1.1887	10.0014
-1.00	1.0607	2.2263	31.2080	24.7791	1.2594	1.1945	9.9023
-0.80	1.2515	2.1800	26.9234	21.4532	1.2550	1.2017	9.8282
-0.60	1.4438	2.1415	23.4593	18.6624	1.2570	1.2098	9.7739
-0.40	1.6372	2.1093	20.6878	16.4588	1.2569	1.2188	9.7358
-0.20	1.8315	2.0817	18.5659	14.7083	1.2623	1.2280	9.7083
0.0	2.0263	2.0570	17.0773	13.4488	1.2698	1.2368	9.6853
0.20	2.2213	2.0335	16.1769	12.6714	1.2766	1.2445	9.6597
0.40	2.4161	2.0094	15.8855	12.3788	1.2833	1.2499	9.6230
0.60	2.6103	1.9827	16.2783	12.5616	1.2959	1.2531	9.5713
0.80	2.8034	1.9514	17.1789	13.1885	1.3026	1.2535	9.4970
1.00	2.9951	1.9144	18.5631	14.1335	1.3134	1.2532	9.4054
1.20	3.1853	1.8718	20.0977	15.1792	1.3240	1.2540	9.3030
1.40	3.3745	1.8256	21.3990	16.0692	1.3317	1.2577	9.2011
1.60	3.5635	1.7801	22.1619	16.5915	1.3357	1.2663	9.1168
1.80	3.7541	1.7419	22.1933	16.6632	1.3319	1.2804	9.0682
2.00	3.9481	1.7182	21.5387	16.4121	1.3124	1.2863	9.0271
2.20	4.1462	1.7104	0.0	16.5282	0.0	0.0	0.0

T= 14200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6789	4.0267	0.0	35.2312	0.0	0.0	0.0
-6.80	-4.4806	4.0106	31.4142	25.8575	1.2149	1.2131	13.4407
-6.60	-4.2818	3.9999	24.5592	19.5083	1.2589	1.2587	13.6728
-6.40	-4.0826	3.9928	19.8996	15.2836	1.3020	1.3105	13.9389
-6.20	-3.8831	3.9880	17.0634	12.5548	1.3591	1.3629	14.2067
-6.00	-3.6835	3.9845	15.1514	10.8795	1.3927	1.4102	14.4445
-5.80	-3.4838	3.9818	14.0813	9.8358	1.4316	1.4468	14.6260
-5.60	-3.2841	3.9792	13.4857	9.3582	1.4411	1.4715	14.7456
-5.40	-3.0844	3.9763	13.3224	9.1666	1.4534	1.4805	14.7853
-5.20	-2.8848	3.9725	13.6008	9.3879	1.4488	1.4767	14.7590
-5.00	-2.6854	3.9672	14.2034	9.8900	1.4361	1.4581	14.6559
-4.80	-2.4862	3.9593	15.3582	10.9308	1.4050	1.4281	14.4899
-4.60	-2.2875	3.9474	17.2932	12.4782	1.3859	1.3888	14.2678
-4.40	-2.0895	3.9295	20.1919	14.9262	1.3528	1.3459	14.0139
-4.20	-1.8925	3.9030	24.4734	18.5510	1.3193	1.3043	13.7488
-4.00	-1.6968	3.8642	30.5736	23.6048	1.2952	1.2681	13.4894
-3.80	-1.5030	3.8092	38.5645	30.0759	1.2822	1.2385	13.2354
-3.60	-1.3117	3.7341	48.3730	37.8605	1.2777	1.2166	12.9882
-3.40	-1.1231	3.6367	59.0791	46.0739	1.2823	1.2009	12.7346
-3.20	-0.9376	3.5172	69.2299	53.5552	1.2927	1.1902	12.4676
-3.00	-0.7550	3.3796	77.1716	59.2809	1.3018	1.1828	12.1836
-2.80	-0.5746	3.2301	81.5826	62.2642	1.3103	1.1780	11.8866
-2.60	-0.3958	3.0767	82.1507	62.4152	1.3162	1.1751	11.5864
-2.40	-0.2175	2.9267	79.0075	60.0865	1.3149	1.1736	11.2932

T= 14200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.0389	2.7859	73.3171	55.9769	1.3098	1.1733	11.0169
-2.00	0.1407	2.6581	66.1041	50.7997	1.3013	1.1739	10.7639
-1.80	0.3219	2.5452	58.3280	45.2031	1.2904	1.1754	10.5397
-1.60	0.5049	2.4476	50.7815	39.6533	1.2806	1.1782	10.3482
-1.40	0.6899	2.3646	43.7807	34.4673	1.2702	1.1819	10.1870
-1.20	0.8769	2.2948	37.5481	29.7476	1.2622	1.1865	10.0551
-1.00	1.0658	2.2367	32.2246	25.6593	1.2559	1.1925	9.9523
-0.80	1.2563	2.1886	27.7994	22.1732	1.2537	1.1996	9.8737
-0.60	1.4483	2.1487	24.1438	19.2777	1.2524	1.2075	9.8155
-0.40	1.6415	2.1153	21.2454	16.9263	1.2552	1.2161	9.7735
-0.20	1.8356	2.0868	19.0101	15.0863	1.2601	1.2255	9.7448
0.0	2.0303	2.0615	17.3948	13.7325	1.2667	1.2346	9.7216
0.20	2.2253	2.0378	16.3910	12.8580	1.2748	1.2427	9.6972
0.40	2.4201	2.0138	15.9876	12.4650	1.2826	1.2487	9.6632
0.60	2.6144	1.9874	16.2107	12.5569	1.2910	1.2521	9.6128
0.80	2.8077	1.9569	17.0442	13.0963	1.3015	1.2531	9.5425
1.00	2.9996	1.9209	18.3148	13.9735	1.3107	1.2533	9.4551
1.20	3.1901	1.8793	19.8219	14.9918	1.3222	1.2543	9.3558
1.40	3.3795	1.8340	21.1299	15.8921	1.3296	1.2579	9.2555
1.60	3.5688	1.7892	21.9586	16.4589	1.3341	1.2657	9.1701
1.80	3.7594	1.7511	22.0971	16.5996	1.3312	1.2789	9.1189
2.00	3.9534	1.7269	21.5441	16.4245	1.3117	1.2821	9.0671
2.20	4.1509	1.7168	0.0	16.7093	0.0	0.0	0.0

T= 14300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6750	4.0349	0.0	38.9388	0.0	0.0	0.0
-6.80	-4.4770	4.0160	34.0948	28.1934	1.2093	1.1991	13.4191
-6.60	-4.2784	4.0034	26.0652	20.8418	1.2506	1.2417	13.6339
-6.40	-4.0793	3.9951	20.7340	15.9735	1.2980	1.2914	13.8901
-6.20	-3.8799	3.9895	17.3242	12.8350	1.3498	1.3438	14.1591
-6.00	-3.6803	3.9856	15.1506	10.8241	1.3997	1.3938	14.4129
-5.80	-3.4806	3.9826	13.7570	9.6023	1.4327	1.4346	14.6165
-5.60	-3.2809	3.9799	13.0856	8.9268	1.4659	1.4629	14.7553
-5.40	-3.0813	3.9770	12.8531	8.6358	1.4883	1.4773	14.8223
-5.20	-2.8816	3.9734	12.9265	8.7204	1.4823	1.4765	14.8115
-5.00	-2.6822	3.9683	13.4460	9.1597	1.4679	1.4621	14.7297
-4.80	-2.4830	3.9610	14.5284	10.0350	1.4478	1.4347	14.5777
-4.60	-2.2842	3.9500	16.1747	11.5047	1.4059	1.3982	14.3708
-4.40	-2.0860	3.9335	18.8150	13.7458	1.3688	1.3560	14.1226
-4.20	-1.8888	3.9088	22.8946	17.1054	1.3384	1.3141	13.8592
-4.00	-1.6928	3.8727	28.3858	21.7863	1.3029	1.2759	13.5929
-3.80	-1.4986	3.8212	36.0300	27.8943	1.2917	1.2449	13.3374
-3.60	-1.3067	3.7503	45.4268	35.4039	1.2831	1.2217	13.0895
-3.40	-1.1176	3.6573	55.9345	43.5189	1.2853	1.2048	12.8363
-3.20	-0.9316	3.5420	66.2430	51.2358	1.2929	1.1930	12.5705
-3.00	-0.7484	3.4075	74.6877	57.2766	1.3040	1.1852	12.2888
-2.80	-0.5676	3.2598	79.8604	60.8456	1.3125	1.1798	11.9922
-2.60	-0.3885	3.1066	81.1083	61.5894	1.3169	1.1765	11.6907
-2.40	-0.2102	2.9555	78.7532	59.7720	1.3176	1.1748	11.3948
-2.20	-0.0317	2.8126	73.5940	56.0272	1.3135	1.1741	11.1123
-2.00	0.1477	2.6821	66.7097	51.1212	1.3049	1.1746	10.8538
-1.80	0.3285	2.5663	59.1332	45.6709	1.2948	1.1761	10.6235
-1.60	0.5111	2.4657	51.5788	40.1781	1.2838	1.1784	10.4237

T= 14300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	0.6957	2.3799	44.5448	34.9840	1.2733	1.1820	10.2563
-1.20	0.8824	2.3077	38.3006	30.2733	1.2652	1.1865	10.1188
-1.00	1.0709	2.2474	32.8990	26.1373	1.2587	1.1922	10.0096
-0.80	1.2611	2.1975	28.3538	22.5972	1.2547	1.1989	9.9255
-0.60	1.4528	2.1560	24.6268	19.6376	1.2541	1.2066	9.8629
-0.40	1.6458	2.1214	21.6202	17.2173	1.2557	1.2151	9.8181
-0.20	1.8397	2.0920	19.3134	15.3163	1.2610	1.2242	9.7863
0.0	2.0343	2.0661	17.5934	13.8966	1.2660	1.2334	9.7620
0.20	2.2293	2.0421	16.4935	12.9557	1.2731	1.2414	9.7362
0.40	2.4241	2.0181	16.0318	12.4898	1.2836	1.2479	9.7041
0.60	2.6185	1.9921	16.1355	12.5087	1.2899	1.2516	9.6550
0.80	2.8119	1.9623	16.8592	12.9775	1.2991	1.2533	9.5897
1.00	3.0041	1.9272	18.0822	13.8032	1.3100	1.2540	9.5063
1.20	3.1949	1.8866	19.5386	14.7951	1.3206	1.2549	9.4091
1.40	3.3845	1.8423	20.9014	15.7128	1.3302	1.2584	9.3109
1.60	3.5740	1.7980	21.7880	16.3246	1.3347	1.2659	9.2256
1.80	3.7647	1.7601	22.0069	16.5354	1.3309	1.2784	9.1727
2.00	3.9586	1.7354	21.5360	16.4465	1.3095	1.2784	9.1082
2.20	4.1554	1.7228	0.0	16.8989	0.0	0.0	0.0

T= 14400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6709	4.0443	0.0	43.7973	0.0	0.0	0.0
-6.80	-4.4733	4.0223	37.8578	31.6086	1.1977	1.1866	13.4064
-6.60	-4.2749	4.0076	28.6067	23.1778	1.2342	1.2259	13.6013
-6.40	-4.0760	3.9978	22.4916	17.5699	1.2801	1.2735	13.8464
-6.20	-3.8767	3.9913	18.3787	13.8696	1.3251	1.3256	14.1149
-6.00	-3.6772	3.9868	15.8422	11.4953	1.3781	1.3771	14.3785
-5.80	-3.4775	3.9834	14.3264	10.0436	1.4264	1.4209	14.5992
-5.60	-3.2778	3.9806	13.4075	9.1997	1.4574	1.4531	14.7583
-5.40	-3.0781	3.9777	12.9286	8.8070	1.4680	1.4724	14.8504
-5.20	-2.8785	3.9742	12.9556	8.7846	1.4748	1.4754	14.8592
-5.00	-2.6791	3.9694	13.4210	9.1219	1.4713	1.4650	14.7977
-4.80	-2.4798	3.9625	14.3292	9.8796	1.4504	1.4415	14.6658
-4.60	-2.2809	3.9523	15.8228	11.1846	1.4147	1.4066	14.4688
-4.40	-2.0826	3.9370	18.2873	13.2367	1.3816	1.3658	14.2296
-4.20	-1.8851	3.9142	21.9110	16.2984	1.3444	1.3232	13.9652
-4.00	-1.6889	3.8805	27.1483	20.6419	1.3152	1.2842	13.6988
-3.80	-1.4943	3.8323	34.1967	26.4587	1.2925	1.2522	13.4424
-3.60	-1.3020	3.7654	43.1123	33.5893	1.2835	1.2272	13.1909
-3.40	-1.1123	3.6768	53.4272	41.5730	1.2851	1.2090	12.9377
-3.20	-0.9256	3.5657	63.7340	49.3459	1.2916	1.1963	12.6738
-3.00	-0.7419	3.4346	72.5676	55.7287	1.3022	1.1876	12.3931
-2.80	-0.5607	3.2889	78.3999	59.7562	1.3120	1.1818	12.0979
-2.60	-0.3814	3.1363	80.4099	61.0072	1.3180	1.1781	11.7955
-2.40	-0.2029	2.9843	78.7017	59.6618	1.3191	1.1759	11.4956
-2.20	-0.0245	2.8395	74.0210	56.2960	1.3149	1.1750	11.2086
-2.00	0.1546	2.7064	67.4880	51.6195	1.3074	1.1752	10.9438
-1.80	0.3351	2.5876	60.0610	46.3008	1.2972	1.1765	10.7070
-1.60	0.5174	2.4841	52.5771	40.8578	1.2868	1.1787	10.5004
-1.40	0.7016	2.3956	45.4836	35.6522	1.2758	1.1820	10.3261
-1.20	0.8879	2.3208	39.1606	30.8999	1.2673	1.1864	10.1825
-1.00	1.0760	2.2584	33.6602	26.6972	1.2608	1.1917	10.0670
-0.80	1.2659	2.2065	29.0100	23.0814	1.2569	1.1982	9.9780

T= 14400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.60	1.4574	2.1635	25.1629	20.0502	1.2550	1.2058	9.9113
-0.40	1.6501	2.1277	22.0619	17.5627	1.2562	1.2143	9.8635
-0.20	1.8439	2.0973	19.6258	15.5893	1.2589	1.2232	9.8288
0.0	2.0384	2.0708	17.8462	14.1018	1.2655	1.2320	9.8016
0.20	2.2332	2.0464	16.6488	13.0893	1.2719	1.2402	9.7759
0.40	2.4281	2.0223	16.0756	12.5531	1.2806	1.2468	9.7442
0.60	2.6225	1.9967	16.1235	12.4960	1.2903	1.2516	9.7007
0.80	2.8161	1.9675	16.7329	12.8932	1.2978	1.2536	9.6371
1.00	3.0085	1.9333	17.8750	13.6659	1.3080	1.2541	9.5548
1.20	3.1995	1.8937	19.2914	14.6319	1.3184	1.2554	9.4618
1.40	3.3895	1.8503	20.6730	15.5590	1.3287	1.2590	9.3660
1.60	3.5791	1.8067	21.6256	16.2212	1.3332	1.2662	9.2813
1.80	3.7699	1.7689	21.9277	16.4979	1.3291	1.2781	9.2271
2.00	3.9637	1.7438	21.5627	16.4969	1.3071	1.2749	9.1497
2.20	4.1599	1.7286	0.0	17.1571	0.0	0.0	0.0

T= 14500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6668	4.0551	0.0	49.0285	0.0	0.0	0.0
-6.80	-4.4695	4.0296	41.9926	35.3089	1.1893	1.1757	13.4028
-6.60	-4.2714	4.0124	31.3958	25.7601	1.2188	1.2118	13.5783
-6.40	-4.0726	4.0010	24.2913	19.2555	1.2615	1.2569	13.8089
-6.20	-3.8734	3.9934	19.6921	14.9618	1.3162	1.3078	14.0719
-6.00	-3.6740	3.9882	16.6533	12.2219	1.3626	1.3602	14.3419
-5.80	-3.4744	3.9844	14.7778	10.4859	1.4093	1.4077	14.5832
-5.60	-3.2747	3.9813	13.6400	9.4567	1.4424	1.4439	14.7638
-5.40	-3.0751	3.9784	13.1320	8.9365	1.4695	1.4668	14.8751
-5.20	-2.8754	3.9749	12.9978	8.8033	1.4765	1.4754	14.9124
-5.00	-2.6759	3.9704	13.3193	9.0436	1.4728	1.4691	14.8716
-4.80	-2.4766	3.9640	14.0449	9.6878	1.4497	1.4483	14.7542
-4.60	-2.2777	3.9545	15.4510	10.9484	1.4243	1.4161	14.5720
-4.40	-2.0792	3.9403	17.6949	12.7060	1.3926	1.3759	14.3377
-4.20	-1.8816	3.9190	20.9484	15.5094	1.3507	1.3330	14.0740
-4.00	-1.6851	3.8877	25.8362	19.5338	1.3226	1.2934	13.8083
-3.80	-1.4902	3.8425	32.4364	24.9496	1.3001	1.2600	13.5492
-3.60	-1.2973	3.7794	40.8974	31.7931	1.2864	1.2332	13.2939
-3.40	-1.1071	3.6951	50.8227	39.5365	1.2855	1.2137	13.0405
-3.20	-0.9199	3.5883	61.1708	47.3073	1.2931	1.1999	12.7772
-3.00	-0.7356	3.4607	70.2211	53.9458	1.3017	1.1904	12.4982
-2.80	-0.5540	3.3174	76.6073	58.4087	1.3116	1.1840	12.2039
-2.60	-0.3743	3.1655	79.3549	60.1873	1.3185	1.1799	11.9006
-2.40	-0.1959	3.0129	78.3845	59.3253	1.3213	1.1774	11.5975
-2.20	-0.0174	2.8664	74.2425	56.3434	1.3177	1.1762	11.3065
-2.00	0.1615	2.7308	68.0662	51.9378	1.3105	1.1763	11.0361
-1.80	0.3417	2.6093	60.8557	46.7771	1.3010	1.1773	10.7924
-1.60	0.5237	2.5029	53.4188	41.4085	1.2900	1.1794	10.5799
-1.40	0.7075	2.4115	46.3359	35.2137	1.2795	1.1823	10.3977
-1.20	0.8934	2.3343	39.9297	31.4370	1.2702	1.1864	10.2475
-1.00	1.0912	2.2696	34.3352	27.1888	1.2628	1.1915	10.1261
-0.80	1.2708	2.2158	29.5943	23.5201	1.2583	1.1977	10.0316
-0.60	1.4619	2.1712	25.6536	20.4217	1.2562	1.2052	9.9611
-0.40	1.6544	2.1341	22.4722	17.8719	1.2574	1.2133	9.9084
-0.20	1.8480	2.1027	19.9412	15.8383	1.2591	1.2224	9.8722
0.0	2.0423	2.0755	18.0688	14.2856	1.2648	1.2311	9.8431

T= 14500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.2371	2.0507	16.8115	13.2067	1.2730	1.2394	9.8171
0.40	2.4320	2.0266	16.1212	12.5996	1.2795	1.2465	9.7868
0.60	2.6265	2.0011	16.0651	12.4672	1.2886	1.2510	9.7427
0.80	2.8202	1.9725	16.6212	12.7921	1.2993	1.2537	9.6831
1.00	3.0128	1.9392	17.6549	13.5016	1.3076	1.2546	9.6044
1.20	3.2041	1.9006	19.0216	14.4356	1.3177	1.2560	9.5138
1.40	3.3943	1.8581	20.3951	15.3637	1.3275	1.2593	9.4191
1.60	3.5841	1.8152	21.3907	16.0609	1.3319	1.2660	9.3347
1.80	3.7751	1.7777	21.7830	16.4016	1.3281	1.2776	9.2801
2.00	3.9688	1.7521	21.5160	16.4856	1.3051	1.2702	9.1861
2.20	4.1642	1.7339	0.0	17.3739	0.0	0.0	0.0

T= 14600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6625	4.0675	0.0	54.8627	0.0	0.0	0.0
-6.80	-4.4656	4.0379	46.6246	39.4913	1.1806	1.1657	13.4057
-6.60	-4.2678	4.0179	34.6575	28.6343	1.2103	1.1989	13.5611
-6.40	-4.0692	4.0046	26.4669	21.1944	1.2488	1.2408	13.7735
-6.20	-3.8702	3.9957	21.0434	16.2765	1.2929	1.2902	14.0294
-6.00	-3.6708	3.9897	17.5778	13.0534	1.3466	1.3420	14.2973
-5.80	-3.4713	3.9855	15.3551	11.0055	1.3952	1.3921	14.5540
-5.60	-3.2717	3.9821	14.0331	9.7710	1.4362	1.4326	14.7582
-5.40	-3.0720	3.9791	13.3278	9.1008	1.4645	1.4595	14.8906
-5.20	-2.8724	3.9757	13.1168	8.8598	1.4805	1.4724	14.9498
-5.00	-2.6728	3.9714	13.2335	8.9992	1.4705	1.4693	14.9258
-4.80	-2.4735	3.9653	13.8922	9.5343	1.4571	1.4524	14.8282
-4.60	-2.2745	3.9565	15.1767	10.5629	1.4368	1.4235	14.6637
-4.40	-2.0759	3.9433	17.1130	12.2423	1.3979	1.3850	14.4400
-4.20	-1.8781	3.9235	20.1584	14.8070	1.3614	1.3429	14.1833
-4.00	-1.6814	3.8943	24.5958	18.5263	1.3276	1.3021	13.9139
-3.80	-1.4861	3.8520	30.7899	23.6114	1.3040	1.2671	13.6508
-3.60	-1.2929	3.7926	38.9484	30.1120	1.2935	1.2390	13.3942
-3.40	-1.1021	3.7124	48.4555	37.6535	1.2869	1.2184	13.1412
-3.20	-0.9143	3.6098	58.6419	45.4010	1.2916	1.2033	12.8780
-3.00	-0.7295	3.4858	67.9882	52.2577	1.3010	1.1930	12.6004
-2.80	-0.5474	3.3450	74.8922	57.1372	1.3107	1.1861	12.3078
-2.60	-0.3674	3.1943	78.2586	59.4004	1.3175	1.1814	12.0031
-2.40	-0.1887	3.0413	77.9971	59.0143	1.3217	1.1786	11.6983
-2.20	-0.0104	2.8932	74.4421	56.4246	1.3193	1.1774	11.4040
-2.00	0.1684	2.7554	68.6508	52.2920	1.3128	1.1771	11.1280
-1.80	0.3483	2.6311	61.6658	47.2971	1.3038	1.1778	10.8774
-1.60	0.5299	2.5219	54.3137	42.0036	1.2931	1.1797	10.6579
-1.40	0.7134	2.4278	47.2271	36.8270	1.2824	1.1826	10.4700
-1.20	0.8989	2.3480	40.7420	32.0177	1.2725	1.1866	10.3134
-1.00	1.0863	2.2810	35.0548	27.7224	1.2645	1.1914	10.1860
-0.80	1.2756	2.2253	30.2198	23.9916	1.2596	1.1973	10.0857
-0.60	1.4665	2.1791	26.1934	20.8312	1.2574	1.2045	10.0105
-0.40	1.6587	2.1407	22.9015	18.2153	1.2573	1.2122	9.9535
-0.20	1.8521	2.1083	20.3150	16.1169	1.2605	1.2209	9.9134
0.0	2.0463	2.0803	18.3325	14.5049	1.2639	1.2299	9.8835
0.20	2.2410	2.0551	16.9863	13.3643	1.2710	1.2382	9.8565
0.40	2.4359	2.0308	16.2426	12.6948	1.2795	1.2453	9.8262
0.60	2.6304	2.0055	16.0936	12.5029	1.2872	1.2502	9.7841
0.80	2.8243	1.9774	16.5727	12.7726	1.2975	1.2533	9.7270

T= 14600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	3.0171	1.9449	17.5503	13.4376	1.3068	1.2548	9.6526
1.20	3.2086	1.9073	18.8912	14.3620	1.3154	1.2560	9.5633
1.40	3.3990	1.8657	20.2657	15.3050	1.3241	1.2590	9.4698
1.60	3.5891	1.8235	21.3400	16.0495	1.3296	1.2653	9.3855
1.80	3.7801	1.7862	21.8246	16.4582	1.3261	1.2760	9.3284
2.00	3.9738	1.7602	21.6407	16.6211	1.3020	1.2649	9.2199
2.20	4.1685	1.7388	0.0	17.7472	0.0	0.0	0.0

T= 14700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6580	4.0814	0.0	61.1729	0.0	0.0	0.0
-6.80	-4.4616	4.0474	51.8010	44.1293	1.1738	1.1570	13.4169
-6.60	-4.2641	4.0243	38.2541	31.8793	1.2000	1.1869	13.5503
-6.40	-4.0658	4.0088	28.9037	23.4119	1.2346	1.2256	13.7430
-6.20	-3.8669	3.9985	22.6011	17.7262	1.2750	1.2728	13.9869
-6.00	-3.6677	3.9916	18.5460	13.9896	1.3257	1.3245	14.2557
-5.80	-3.4682	3.9867	16.0058	11.6071	1.3790	1.3743	14.5126
-5.60	-3.2686	3.9830	14.3880	10.1417	1.4187	1.4185	14.7373
-5.40	-3.0690	3.9798	13.5219	9.3084	1.4527	1.4501	14.8946
-5.20	-2.8693	3.9764	13.1703	8.9438	1.4726	1.4667	14.9730
-5.00	-2.6698	3.9723	13.2578	8.9811	1.4762	1.4681	14.9725
-4.80	-2.4704	3.9666	13.7833	9.4135	1.4642	1.4551	14.8951
-4.60	-2.2713	3.9583	14.8057	10.3174	1.4350	1.4287	14.7441
-4.40	-2.0727	3.9460	16.6203	11.8333	1.4045	1.3932	14.5372
-4.20	-1.8747	3.9276	19.4164	14.1795	1.3693	1.3520	14.2870
-4.00	-1.6777	3.9004	23.5713	17.6182	1.3379	1.3109	14.0195
-3.80	-1.4821	3.8608	29.2479	22.3733	1.3073	1.2740	13.7505
-3.60	-1.2885	3.8048	36.9198	28.5423	1.2935	1.2449	13.4933
-3.40	-1.0973	3.7287	46.1682	35.8665	1.2872	1.2229	13.2395
-3.20	-0.9089	3.6303	56.2404	43.5744	1.2907	1.2070	12.9780
-3.00	-0.7235	3.5101	65.7843	50.6153	1.2997	1.1957	12.7019
-2.80	-0.5409	3.3720	73.1666	55.8416	1.3103	1.1882	12.4103
-2.60	-0.3606	3.2226	77.2455	58.5767	1.3187	1.1831	12.1061
-2.40	-0.1818	3.0695	77.5771	58.6758	1.3221	1.1799	11.7992
-2.20	-0.0034	2.9202	74.6108	56.4806	1.3210	1.1784	11.5012
-2.00	0.1752	2.7802	69.2392	52.6369	1.3154	1.1778	11.2194
-1.80	0.3549	2.6533	62.4659	47.8185	1.3063	1.1785	10.9637
-1.60	0.5362	2.5412	55.2260	42.6173	1.2959	1.1800	10.7365
-1.40	0.7193	2.4444	48.1547	37.4556	1.2856	1.1827	10.5418
-1.20	0.9044	2.3620	41.6070	32.6224	1.2754	1.1864	10.3790
-1.00	1.0915	2.2928	35.8177	28.2783	1.2666	1.1910	10.2454
-0.80	1.2805	2.2351	30.8818	24.4840	1.2613	1.1969	10.1408
-0.60	1.4711	2.1872	26.7443	21.2571	1.2581	1.2036	10.0595
-0.40	1.6631	2.1474	23.3566	18.5755	1.2574	1.2114	9.9998
-0.20	1.8563	2.1139	20.6633	16.4083	1.2593	1.2196	9.9551
0.0	2.0503	2.0852	18.6275	14.7317	1.2645	1.2283	9.9226
0.20	2.2449	2.0595	17.1674	13.5270	1.2691	1.2368	9.8952
0.40	2.4397	2.0350	16.3432	12.7890	1.2779	1.2442	9.8655
0.60	2.6343	2.0099	16.1119	12.5184	1.2870	1.2499	9.8270
0.80	2.8283	1.9822	16.4672	12.7170	1.2949	1.2531	9.7716
1.00	3.0213	1.9505	17.3697	13.3283	1.3032	1.2548	9.6993
1.20	3.2131	1.9138	18.6617	14.1980	1.3144	1.2560	9.6126
1.40	3.4037	1.8732	20.0361	15.1430	1.3231	1.2589	9.5208
1.60	3.5940	1.8317	21.1434	15.9121	1.3288	1.2651	9.4382

T= 14700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.7852	1.7947	21.7045	16.3790	1.3251	1.2757	9.3816
2.00	3.9787	1.7683	21.6152	16.6283	1.2999	1.2596	9.2530
2.20	4.1726	1.7433	0.0	18.0426	0.0	0.0	0.0

T= 14800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6534	4.0972	0.0	67.9842	0.0	0.0	0.0
-6.80	-4.4575	4.0583	57.6291	49.2191	1.1709	1.1495	13.4367
-6.60	-4.2604	4.0316	42.2666	35.5081	1.1903	1.1766	13.5495
-6.40	-4.0623	4.0136	31.6594	25.9036	1.2222	1.2122	13.7219
-6.20	-3.8636	4.0017	24.5048	19.3879	1.2639	1.2566	13.9505
-6.00	-3.6645	3.9936	19.7832	15.0816	1.3117	1.3073	14.2147
-5.80	-3.4651	3.9881	16.7503	12.3051	1.3612	1.3584	14.4801
-5.60	-3.2656	3.9840	14.8918	10.5722	1.4086	1.4048	14.7175
-5.40	-3.0659	3.9806	13.8119	9.5574	1.4452	1.4401	14.8948
-5.20	-2.8663	3.9772	13.2824	9.0650	1.4652	1.4616	14.9993
-5.00	-2.6667	3.9732	13.2388	8.9914	1.4724	1.4683	15.0259
-4.80	-2.4673	3.9677	13.6601	9.3201	1.4657	1.4582	14.9638
-4.60	-2.2682	3.9600	14.5538	10.1011	1.4408	1.4351	14.8306
-4.40	-2.0694	3.9485	16.2007	11.4660	1.4129	1.4008	14.6309
-4.20	-1.8713	3.9314	18.7364	13.6098	1.3767	1.3608	14.3890
-4.00	-1.6741	3.9060	22.5311	16.7829	1.3425	1.3198	14.1251
-3.80	-1.4783	3.8689	27.9465	21.2310	1.3163	1.2823	13.8565
-3.60	-1.2843	3.8162	35.0719	27.0658	1.2958	1.2516	13.5961
-3.40	-1.0925	3.7440	43.9787	34.0987	1.2897	1.2278	13.3380
-3.20	-0.9036	3.6497	53.9096	41.6933	1.2930	1.2108	13.0777
-3.00	-0.7177	3.5334	63.4778	48.8281	1.3000	1.1986	12.8027
-2.80	-0.5346	3.3982	71.2320	54.3867	1.3097	1.1905	12.5129
-2.60	-0.3539	3.2504	75.9011	57.5723	1.3184	1.1851	12.2097
-2.40	-0.1749	3.0975	76.9235	58.1359	1.3232	1.1816	11.9018
-2.20	0.0035	2.9470	74.5569	56.3543	1.3230	1.1795	11.5988
-2.00	0.1821	2.8051	69.5924	52.8191	1.3176	1.1788	11.3127
-1.80	0.3515	2.6756	63.0997	48.2037	1.3090	1.1793	11.0506
-1.60	0.5425	2.5608	55.9941	43.1092	1.2989	1.1807	10.8176
-1.40	0.7253	2.4612	48.9306	37.9919	1.2879	1.1830	10.6151
-1.20	0.9100	2.3762	42.3605	33.1553	1.2776	1.1865	10.4459
-1.00	1.0967	2.3047	36.5202	28.7750	1.2692	1.1910	10.3068
-0.80	1.2853	2.2450	31.4833	24.9319	1.2628	1.1965	10.1961
-0.60	1.4756	2.1954	27.2528	21.6475	1.2589	1.2030	10.1103
-0.40	1.6674	2.1542	23.7943	18.9066	1.2585	1.2107	10.0469
-0.20	1.8604	2.1197	21.0186	16.6818	1.2600	1.2189	9.9997
0.0	2.0543	2.0901	18.8899	14.9437	1.2641	1.2275	9.9648
0.20	2.2488	2.0639	17.3651	13.6774	1.2696	1.2359	9.9359
0.40	2.4436	2.0392	16.4256	12.8763	1.2756	1.2435	9.9064
0.60	2.6382	2.0141	16.1172	12.5440	1.2849	1.2493	9.8682
0.80	2.8323	1.9869	16.3959	12.6747	1.2936	1.2526	9.8145
1.00	3.0254	1.9558	17.2245	13.2211	1.3028	1.2547	9.7455
1.20	3.2174	1.9201	18.4510	14.0615	1.3122	1.2566	9.6631
1.40	3.4084	1.8804	19.8092	14.9962	1.3209	1.2593	9.5730
1.60	3.5988	1.8396	20.9631	15.7996	1.3268	1.2649	9.4900
1.80	3.7901	1.8030	21.6209	16.3262	1.3243	1.2751	9.4328
2.00	3.9836	1.7761	21.6159	16.6694	1.2967	1.2538	9.2838
2.20	4.1764	1.7472	0.0	18.4230	0.0	0.0	0.0

T= 14900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6486	4.1148	0.0	75.1985	0.0	0.0	0.0
-6.80	-4.4533	4.0706	63.8505	54.7236	1.1668	1.1429	13.4638
-6.60	-4.2566	4.0399	46.7609	39.4868	1.1842	1.1672	13.5547
-6.40	-4.0588	4.0192	34.7424	28.6671	1.2119	1.2000	13.7084
-6.20	-3.8603	4.0053	26.5513	21.2506	1.2494	1.2418	13.9213
-6.00	-3.6613	3.9960	21.1301	16.3094	1.2956	1.2905	14.1752
-5.80	-3.4620	3.9897	17.6422	13.0956	1.3472	1.3429	14.4486
-5.60	-3.2625	3.9852	15.4321	11.0668	1.3945	1.3910	14.6963
-5.40	-3.0629	3.9815	14.1041	9.8521	1.4316	1.4299	14.8938
-5.20	-2.8633	3.9780	13.4416	9.2157	1.4586	1.4565	15.0248
-5.00	-2.6637	3.9740	13.2665	9.0290	1.4693	1.4669	15.0710
-4.80	-2.4643	3.9688	13.5479	9.2513	1.4644	1.4609	15.0304
-4.60	-2.2651	3.9615	14.3725	9.9174	1.4492	1.4414	14.9158
-4.40	-2.0663	3.9508	15.7993	11.1360	1.4188	1.4092	14.7283
-4.20	-1.8680	3.9348	18.1343	13.0868	1.3857	1.3702	14.4941
-4.00	-1.6707	3.9111	21.5979	16.0103	1.3490	1.3287	14.2297
-3.80	-1.4745	3.8764	26.6463	20.1548	1.3221	1.2906	13.9615
-3.60	-1.2801	3.8268	33.4004	25.6630	1.3015	1.2584	13.6977
-3.40	-1.0880	3.7583	41.8979	32.4173	1.2925	1.2333	13.4389
-3.20	-0.8985	3.6681	51.5441	39.8757	1.2926	1.2148	13.1765
-3.00	-0.7120	3.5557	61.1895	47.0795	1.2997	1.2019	12.9038
-2.80	-0.5285	3.4236	69.2700	52.9205	1.3089	1.1931	12.6156
-2.60	-0.3474	3.2776	74.4931	56.5275	1.3178	1.1870	12.3122
-2.40	-0.1681	3.1251	76.1697	57.5509	1.3235	1.1833	12.0036
-2.20	0.0103	2.9738	74.4179	55.1856	1.3245	1.1810	11.6979
-2.00	0.1888	2.8300	69.8904	52.9675	1.3195	1.1799	11.4065
-1.80	0.3681	2.6981	63.7072	48.5671	1.3117	1.1801	11.1381
-1.60	0.5488	2.5806	56.7403	43.5931	1.3016	1.1814	10.8989
-1.40	0.7312	2.4783	49.7254	38.5262	1.2907	1.1836	10.6905
-1.20	0.9156	2.3908	43.1316	33.6880	1.2803	1.1866	10.5137
-1.00	1.1019	2.3169	37.2202	29.2781	1.2713	1.1910	10.3692
-0.80	1.2902	2.2552	32.1058	25.3866	1.2647	1.1961	10.2520
-0.60	1.4802	2.2039	27.7883	22.0467	1.2604	1.2025	10.1618
-0.40	1.6717	2.1613	24.2405	19.2482	1.2594	1.2100	10.0941
-0.20	1.8645	2.1256	21.3843	16.9648	1.2605	1.2180	10.0437
0.0	2.0583	2.0952	19.1600	15.1715	1.2629	1.2267	10.0069
0.20	2.2527	2.0684	17.5664	13.8476	1.2685	1.2349	9.9759
0.40	2.4474	2.0434	16.5690	12.9873	1.2758	1.2425	9.9460
0.60	2.6420	2.0184	16.1643	12.5953	1.2834	1.2483	9.9082
0.80	2.8362	1.9915	16.3661	12.6684	1.2919	1.2520	9.8564
1.00	3.0295	1.9611	17.1243	13.1655	1.3007	1.2543	9.7898
1.20	3.2218	1.9263	18.3215	13.9770	1.3108	1.2559	9.7087
1.40	3.4129	1.8875	19.6647	14.9119	1.3187	1.2588	9.6217
1.60	3.6036	1.8475	20.8424	15.7480	1.3235	1.2638	9.5382
1.80	3.7950	1.8112	21.5978	16.3342	1.3222	1.2736	9.4807
2.00	3.9884	1.7839	21.6768	16.7657	1.2929	1.2466	9.3086
2.20	4.1802	1.7504	0.0	18.9086	0.0	0.0	0.0

T= 15000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6436	4.1345	0.0	79.2149	0.0	0.0	0.0
-6.80	-4.4489	4.0844	66.8464	57.7469	1.1576	1.1388	13.5072
-6.60	-4.2527	4.0494	48.9971	41.6243	1.1771	1.1613	13.5816
-6.40	-4.0552	4.0255	36.2645	30.0970	1.2049	1.1927	13.7232

T= 15000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.20	-3.8570	4.0095	27.5633	22.1558	1.2441	1.2330	13.9253
-6.00	-3.6581	3.9988	21.8221	16.8447	1.2955	1.2814	14.1770
-5.80	-3.4589	3.9915	18.0838	13.3755	1.3520	1.3334	14.4490
-5.60	-3.2595	3.9864	15.6674	11.1744	1.4021	1.3824	14.7024
-5.40	-3.0599	3.9824	14.2461	9.8441	1.4472	1.4240	14.9146
-5.20	-2.8603	3.9788	13.5015	9.1285	1.4790	1.4529	15.0580
-5.00	-2.6607	3.9748	13.3188	8.8825	1.4994	1.4652	15.1143
-4.80	-2.4613	3.9699	13.4768	9.0533	1.4886	1.4623	15.0901
-4.60	-2.2620	3.9630	14.2783	9.6673	1.4770	1.4447	14.9860
-4.40	-2.0631	3.9529	15.6173	10.8233	1.4429	1.4144	14.8087
-4.20	-1.8648	3.9380	17.8703	12.6944	1.4077	1.3761	14.5796
-4.00	-1.6672	3.9158	21.2163	15.5170	1.3673	1.3345	14.3168
-3.80	-1.4708	3.8833	26.0301	19.5429	1.3319	1.2953	14.0462
-3.60	-1.2761	3.8366	32.6700	24.9291	1.3105	1.2625	13.7836
-3.40	-1.0835	3.7718	40.9802	31.5938	1.2971	1.2371	13.5284
-3.20	-0.8935	3.6856	50.4737	39.0323	1.2931	1.2175	13.2667
-3.00	-0.7065	3.5770	60.1929	46.3188	1.2995	1.2043	12.9992
-2.80	-0.5225	3.4482	68.4020	52.3440	1.3068	1.1950	12.7135
-2.60	-0.3410	3.3042	73.8693	56.1927	1.3146	1.1885	12.4112
-2.40	-0.1614	3.1524	75.7880	57.4681	1.3188	1.1842	12.1010
-2.20	0.0171	3.0004	74.2904	56.3147	1.3192	1.1818	11.7934
-2.00	0.1955	2.8550	69.9412	53.2512	1.3134	1.1805	11.4977
-1.80	0.3746	2.7208	63.9120	48.9415	1.3059	1.1805	11.2244
-1.60	0.5550	2.6006	56.9866	44.0068	1.2950	1.1817	10.9794
-1.40	0.7371	2.4956	50.0295	38.9419	1.2847	1.1837	10.7646
-1.20	0.9212	2.4055	43.4454	34.0796	1.2748	1.1865	10.5807
-1.00	1.1072	2.3294	37.4915	29.6315	1.2653	1.1907	10.4304
-0.80	1.2951	2.2656	32.3655	25.6945	1.2596	1.1958	10.3085
-0.60	1.4848	2.2125	28.0241	22.3085	1.2562	1.2019	10.2133
-0.40	1.6761	2.1684	24.4313	19.4638	1.2552	1.2091	10.1412
-0.20	1.8686	2.1316	21.5300	17.1383	1.2562	1.2171	10.0878
0.0	2.0622	2.1003	19.2820	15.3065	1.2597	1.2258	10.0494
0.20	2.2565	2.0729	17.6511	13.9457	1.2657	1.2338	10.0160
0.40	2.4512	2.0476	16.6404	13.0485	1.2753	1.2417	9.9864
0.60	2.6459	2.0226	16.1784	12.6226	1.2817	1.2478	9.9496
0.80	2.8401	1.9961	16.3421	12.6644	1.2904	1.2517	9.8996
1.00	3.0336	1.9663	17.0598	13.1373	1.2986	1.2537	9.8333
1.20	3.2260	1.9322	18.2536	13.9352	1.3099	1.2554	9.7544
1.40	3.4174	1.8944	19.5873	14.8722	1.3170	1.2585	9.6703
1.60	3.6083	1.8551	20.7636	15.7293	1.3201	1.2628	9.5860
1.80	3.7998	1.8192	21.5458	16.3503	1.3178	1.2674	9.5100
2.00	3.9932	1.7915	21.6518	16.8335	1.2862	1.2471	9.3614
2.20	4.1836	1.7527	0.0	19.2088	0.0	0.0	0.0

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY *(Corporate author)* Arnold Engineering Development Center ARO, Inc., Operating Contractor Arnold Air Force Station, Tennessee	2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED 2b. GROUP N/A

3. REPORT TITLE

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF AIR VOLUME IV. CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA

4. DESCRIPTIVE NOTES *(Type of report and inclusive dates)*
January 1966 to January 1968 - Final Report

5. AUTHOR(S) *(First name, middle initial, last name)*

Herbert S. Brahinsky and Charles A. Neel, ARO, Inc.

6. REPORT DATE April 1969	7a. TOTAL NO. OF PAGES 152	7b. NO. OF REFS 7

8a. CONTRACT OR GRANT NO. F40600-69-C-0001 b. PROJECT NO. c. Program Element 63101F d.	9a. ORIGINATOR'S REPORT NUMBER(S) AEDC-TR-69-89 VOLUME IV 9b. OTHER REPORT NO(S) *(Any other numbers that may be assigned this report)* N/A

10. DISTRIBUTION STATEMENT

This document has been approved for public release and sale; its distribution is unlimited.

11. SUPPLEMENTARY NOTES Available in DDC	12. SPONSORING MILITARY ACTIVITY Arnold Engineering Development Center, Air Force Systems Command, Arnold Air Force Station, Tennessee

13. ABSTRACT

Equilibrium thermodynamic data are presented for air from a temperature of 100 to 15,000°K and from a log ρ of -7.0 to 3.0, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA. Several sources were used in assembling the data.

DD FORM 1 NOV 65 1473

UNCLASSIFIED

Security Classification

UNCLASSIFIED

Security Classification

14. KEY WORDS	LINK A ROLE	LINK A WT	LINK B ROLE	LINK B WT	LINK C ROLE	LINK C WT
air						
thermodynamic properties						
tables						
temperature						
density						
specific heat						
speed of sound						
1 air -- K						
2 " -- Properties						
4 -- "						

AFSC
Arnold AFS Tenn

UNCLASSIFIED

Security Classification