model: ../m0_2401a.bin.jcd T= 3523.92s

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
1.0000	1.0000	1.6631	5.0672E+007	2.3942E+017	1.5507E+002	0.0000	0.0000E+000	0.0000	0.0000	0.0000	0.0000
0.9940	0.9977	1.6631	5.0681E+007	2.3880E+017	1.5462E+002	0.0472	1.8387E-007	0.0000	0.0000	0.0000	0.0000
0.9886	0.9956	1.6631	5.0711E+007	2.3729E+017	1.5346E+002	0.0891	4.4507E-007	0.0000	0.0000	0.0000	0.0000
0.9831	0.9934	1.6631	5.0760E+007	2.3483E+017	1.5157E+002	0.1311	9.4003E-007	0.0000	0.0000	0.0000	0.0000
0.9775	0.9912	1.6631	5.0824E+007	2.3140E+017	1.4898E+002	0.1726	1.6004E-006	1.0451	0.0000	0.0000	0.0000
0.9718	0.9890	1.6631	5.0901E+007	2.2703E+017	1.4573E+002	0.2134	2.3785E-006	1.0415	0.0000	0.0000	0.0000
0.9659	0.9867	1.6632	5.0989E+007	2.2173E+017	1.4184E+002	0.2532	3.2510E-006	1.0386	0.0000	0.0000	0.0000
0.9598	0.9844	1.6632	5.1080E+007	2.1550E+017	1.3737E+002	0.2921	4.1574E-006	1.0358	0.0000	0.0000	0.0000
0.9534	0.9819	1.6633	5.1171E+007	2.0834E+017	1.3234E+002	0.3298	5.0781E-006	1.0330	0.0000	0.0000	0.0000
0.9468	0.9794	1.6633	5.1252E+007	2.0029E+017	1.2682E+002	0.3663	5.9446E-006	1.0302	0.0000	0.0000	0.0000
0.9398	0.9767	1.6634	5.1317E+007	1.9134E+017	1.2086E+002	0.4013	6.7325E-006	1.0273	1.0440	0.0000	0.0000
0.9325	0.9738	1.6634	5.1354E+007	1.8156E+017	1.1452E+002	0.4349	7.4020E-006	1.0243	1.0355	0.0000	0.0000
0.9247	0.9708	1.6635	5.1353E+007	1.7097E+017	1.0785E+002	0.4669	7.9235E-006	1.0212	1.0300	0.0000	0.0000
0.9163	0.9676	1.6636	5.1299E+007	1.5965E+017	1.0093E+002	0.4972	8.2632E-006	1.0178	1.0251	0.0000	0.0000
0.9074	0.9642	1.6637	5.1176E+007	1.4768E+017	9.3811E+001	0.5258	8.4408E-006	1.0142	1.0203	0.0000	0.0000
0.8979	0.9605	1.6638	5.0968E+007	1.3518E+017	8.6579E+001	0.5524	8.4458E-006	1.0104	1.0156	1.0344	0.0000
0.8876	0.9565	1.6639	5.0661E+007	1.2233E+017	7.9308E+001	0.5771	8.3182E-006	1.0062	1.0107	1.0236	0.0000
0.8766	0.9522	1.6640	5.0238E+007	1.0934E+017	7.2088E+001	0.5997	8.0688E-006	1.0018	1.0056	1.0156	0.0000
0.8649	0.9476	1.6641	4.9693E+007	9.6477E+016	6.5014E+001	0.6199	7.7718E-006	0.9970	1.0003	1.0084	1.0392
0.8525	0.9426	1.6642	4.9027E+007	8.4041E+016	5.8186E+001	0.6375	7.4787E-006	0.9919	0.9948	1.0015	1.0166
0.8396	0.9373	1.6643	4.8251E+007	7.2317E+016	5.1697E+001	0.6522	7.2378E-006	0.9865	0.9890	0.9946	1.0058
0.8262	0.9318	1.6644	4.7384E+007	6.1548E+016	4.5625E+001	0.6639	7.0669E-006	0.9808	0.9830	0.9878	0.9966
0.8125	0.9260	1.6645	4.6451E+007	5.1886E+016	4.0025E+001	0.6723	7.0076E-006	0.9748	0.9767	0.9809	0.9882
0.7986	0.9201	1.6645	4.5479E+007	4.3404E+016	3.4930E+001	0.6776	7.0218E-006	0.9687	0.9704	0.9740	0.9802
0.7846	0.9139	1.6646	4.4492E+007	3.6089E+016	3.0348E+001	0.6797	7.0871E-006	0.9623	0.9639	0.9671	0.9724
0.7706	0.9077	1.6647	4.3508E+007	2.9870E+016	2.6268E+001	0.6789	7.1658E-006	0.9559	0.9572	0.9601	0.9647
0.7566	0.9012	1.6647	4.2541E+007	2.4642E+016	2.2668E+001	0.6754	7.2208E-006	0.9493	0.9505	0.9530	0.9571
0.7428	0.8947	1.6648	4.1599E+007	2.0289E+016	1.9519E+001	0.6696	7.2607E-006	0.9426	0.9437	0.9459	0.9495
0.7290	0.8881	1.6648	4.0688E+007	1.6686E+016	1.6779E+001	0.6617	7.2936E-006	0.9357	0.9367	0.9388	0.9420
0.7153	0.8814	1.6648	3.9819E+007	1.3724E+016	1.4410E+001	0.6521	7.2978E-006	0.9288	0.9298	0.9316	0.9345
0.7017	0.8746	1.6647	3.8991E+007	1.1296E+016	1.2369E+001	0.6410	7.2387E-006	0.9219	0.9227	0.9244	0.9270
0.6883	0.8677	1.6645	3.8201E+007	9.3110E+015	1.0620E+001	0.6289	7.1281E-006	0.9148	0.9156	0.9171	0.9195
0.6750	0.8608	1.6643	3.7448E+007	7.6898E+015	9.1259E+000	0.6160	6.9793E-006	0.9077	0.9084	0.9099	0.9120
0.6619	0.8538	1.6639	3.6731E+007	6.3664E+015	7.8512E+000	0.6025	6.8059E-006	0.9006	0.9012	0.9025	0.9045
0.6489	0.8467	1.6634	3.6051E+007	5.2857E+015	6.7651E+000	0.5887	6.6108E-006	0.8934	0.8940	0.8952	0.8970
0.6360	0.8396	1.6630	3.5405E+007	4.4021E+015	5.8403E+000	0.5748	6.3958E-006	0.8861	0.8867	0.8878	0.8895
0.6234	0.8325	1.6627	3.4792E+007	3.6785E+015	5.0527E+000	0.5608	6.1654E-006	0.8789	0.8794	0.8804	0.8820
0.6108	0.8253	1.6627	3.4211E+007	3.0844E+015	4.3818E+000	0.5471	5.9236E-006	0.8715	0.8720	0.8730	0.8744
0.5984	0.8181	1.6628	3.3658E+007	2.5955E+015	3.8098E+000	0.5336	5.6745E-006	0.8642	0.8646	0.8655	0.8669
0.5862	0.8108	1.6632	3.3130E+007	2.1919E+015	3.3213E+000	0.5205	5.4230E-006	0.8568	0.8573	0.8581	0.8594
0.5741	0.8036	1.6637	3.2624E+007	1.8576E+015	2.9036E+000	0.5078	5.1721E-006	0.8495	0.8498	0.8506	0.8518
0.5621	0.7963	1.6642	3.2138E+007	1.5798E+015	2.5456E+000	0.4955	4.9269E-006	0.8421	0.8424	0.8432	0.8443
0.5503	0.7890	1.6648	3.1669E+007	1.3482E+015	2.2380E+000	0.4836	4.6902E-006	0.8346	0.8350	0.8357	0.8367

model: ../m0_2401a.bin.jcd T= 3523.9208

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
0.5387	0.7816	1.6653	3.1215E+007	1.1545E+015	1.9732E+000	0.4722	4.4646E-006	0.8272	0.8275	0.8282	0.8291
0.5271	0.7743	1.6658	3.0775E+007	9.9183E+014	1.7445E+000	0.4613	4.2508E-006	0.8198	0.8201	0.8207	0.8216
0.5158	0.7669	1.6661	3.0348E+007	8.5482E+014	1.5464E+000	0.4508	4.0487E-006	0.8123	0.8126	0.8132	0.8140
0.5045	0.7595	1.6663	2.9934E+007	7.3903E+014	1.3744E+000	0.4407	3.8579E-006	0.8049	0.8051	0.8057	0.8065
0.4934	0.7522	1.6665	2.9531E+007	6.4083E+014	1.2246E+000	0.4311	3.6772E-006	0.7974	0.7976	0.7981	0.7989
0.4824	0.7448	1.6665	2.9139E+007	5.5729E+014	1.0938E+000	0.4218	3.5063E-006	0.7899	0.7902	0.7906	0.7913
0.4716	0.7373	1.6665	2.8757E+007	4.8599E+014	9.7936E-001	0.4130	3.3437E-006	0.7824	0.7827	0.7831	0.7838
0.4608	0.7299	1.6664	2.8385E+007	4.2494E+014	8.7889E-001	0.4046	3.1891E-006	0.7750	0.7752	0.7756	0.7762
0.4502	0.7225	1.6663	2.8022E+007	3.7252E+014	7.9051E-001	0.3965	3.0412E-006	0.7675	0.7677	0.7681	0.7686
0.4398	0.7151	1.6662	2.7667E+007	3.2736E+014	7.1256E-001	0.3889	2.8996E-006	0.7600	0.7602	0.7605	0.7611
0.4294	0.7076	1.6660	2.7319E+007	2.8836E+014	6.4367E-001	0.3816	2.7633E-006	0.7525	0.7526	0.7530	0.7535
0.4192	0.7002	1.6658	2.6978E+007	2.5457E+014	5.8264E-001	0.3746	2.6318E-006	0.7450	0.7451	0.7455	0.7459
0.4091	0.6927	1.6656	2.6643E+007	2.2522E+014	5.2847E-001	0.3680	2.5047E-006	0.7375	0.7376	0.7379	0.7384
0.3991	0.6853	1.6654	2.6313E+007	1.9967E+014	4.8027E-001	0.3618	2.3809E-006	0.7299	0.7301	0.7304	0.7308
0.3892	0.6778	1.6652	2.5986E+007	1.7735E+014	4.3732E-001	0.3559	2.2598E-006	0.7224	0.7226	0.7228	0.7233
0.3795	0.6704	1.6650	2.5664E+007	1.5782E+014	3.9897E-001	0.3503	2.1406E-006	0.7149	0.7150	0.7153	0.7157
0.3698	0.6629	1.6648	2.5343E+007	1.4068E+014	3.6466E-001	0.3450	2.0221E-006	0.7074	0.7075	0.7078	0.7081
0.3603	0.6554	1.6646	2.5023E+007	1.2561E+014	3.3392E-001	0.3401	1.9034E-006	0.6999	0.7000	0.7002	0.7006
0.3509	0.6480	1.6645	2.4704E+007	1.1232E+014	3.0633E-001	0.3354	1.7832E-006	0.6924	0.6925	0.6927	0.6930
0.3416	0.6405	1.6643	2.4383E+007	1.0058E+014	2.8156E-001	0.3311	1.6599E-006	0.6848	0.6849	0.6851	0.6854
0.3324	0.6330	1.6641	2.4060E+007	9.0188E+013	2.5927E-001	0.3272	1.5320E-006	0.6773	0.6774	0.6776	0.6779
0.3234	0.6255	1.6640	2.3732E+007	8.0967E+013	2.3921E-001	0.3236	1.3951E-006	0.6698	0.6699	0.6700	0.6703
0.3145	0.6180	1.6638	2.3398E+007	7.2767E+013	2.2115E-001	0.3203	1.2450E-006	0.6622	0.6623	0.6625	0.6627
0.3056	0.6105	1.6637	2.3055E+007	6.5461E+013	2.0489E-001	0.3175	1.0749E-006	0.6547	0.6548	0.6549	0.6552
0.2970	0.6030	1.6635	2.2698E+007	5.8937E+013	1.9030E-001	0.3151	8.7386E-007	0.6472	0.6472	0.6474	0.6476
0.2884	0.5955	1.6634	2.2323E+007	5.3098E+013	1.7724E-001	0.3133	6.2522E-007	0.6396	0.6397	0.6398	0.6400
0.2800	0.5880	1.6632	2.1923E+007	4.7859E+013	1.6563E-001	0.3121	3.1414E-007	0.6321	0.6321	0.6323	0.6325
0.2718	0.5805	1.6631	2.1489E+007	4.3147E+013	1.5539E-001	0.3117	-2.2989E-013	0.6245	0.6246	0.6247	0.6249
0.2637	0.5730	1.6630	2.1049E+007	3.8900E+013	1.4601E-001	0.3117	-8.7685E-013	0.6170	0.6170	0.6172	0.6173
0.2558	0.5655	1.6628	2.0617E+007	3.5069E+013	1.3718E-001	0.3118	-1.3478E-012	0.6094	0.6095	0.6096	0.6098
0.2480	0.5580	1.6627	2.0195E+007	3.1612E+013	1.2888E-001	0.3122	-1.7870E-012	0.6019	0.6019	0.6020	0.6022
0.2404	0.5505	1.6626	1.9780E+007	2.8491E+013	1.2107E-001	0.3127	-2.2390E-012	0.5943	0.5944	0.5945	0.5946
0.2330	0.5430	1.6625	1.9373E+007	2.5672E+013	1.1372E-001	0.3135	-2.7030E-012	0.5868	0.5868	0.5869	0.5870
0.2257	0.5355	1.6624	1.8974E+007	2.3126E+013	1.0679E-001	0.3144	-3.1767E-012	0.5792	0.5793	0.5793	0.5795
0.2185	0.5279	1.6624	1.8581E+007	2.0825E+013	1.0027E-001	0.3155	-3.6676E-012	0.5717	0.5717	0.5718	0.5719
0.2115	0.5204	1.6623	1.8195E+007	1.8745E+013	9.4119E-002	0.3167	-4.1817E-012	0.5641	0.5641	0.5642	0.5643
0.2047	0.5129	1.6623	1.7816E+007	1.6866E+013	8.8323E-002	0.3182	-4.7106E-012	0.5565	0.5566	0.5566	0.5568
0.1980	0.5054	1.6623	1.7444E+007	1.5167E+013	8.2858E-002	0.3198	-5.2791E-012	0.5490	0.5490	0.5491	0.5492
0.1914	0.4979	1.6624	1.7077E+007	1.3631E+013	7.7704E-002	0.3217	-5.8987E-012	0.5414	0.5415	0.5415	0.5416
0.1850	0.4904	1.6625	1.6716E+007	1.2243E+013	7.2844E-002	0.3237	-6.5806E-012	0.5339	0.5339	0.5340	0.5340
0.1787	0.4829	1.6627	1.6361E+007	1.0989E+013	6.8259E-002	0.3259	-7.3138E-012	0.5263	0.5263	0.5264	0.5265
0.1726	0.4753	1.6629	1.6011E+007	9.8559E+012	6.3934E-002	0.3284	-8.1358E-012	0.5187	0.5188	0.5188	0.5189
0.1665	0.4678	1.6632	1.5666E+007	8.8323E+012	5.9855E-002	0.3310	-9.0621E-012	0.5112	0.5112	0.5113	0.5113

model: ../m0_2401a.bin.jcd T= 3523.9208

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
0.1606	0.4603	1.6635	1.5326E+007	7.9079E+012	5.6006E-002	0.3338	-1.0102E-011	0.5036	0.5037	0.5037	0.5038
0.1549	0.4528	1.6637	1.4990E+007	7.0735E+012	5.2375E-002	0.3369	-1.1268E-011	0.4961	0.4961	0.4961	0.4962
0.1493	0.4453	1.6640	1.4658E+007	6.3207E+012	4.8950E-002	0.3402	-1.2592E-011	0.4885	0.4885	0.4886	0.4886
0.1438	0.4378	1.6642	1.4331E+007	5.6419E+012	4.5720E-002	0.3437	-1.4090E-011	0.4810	0.4810	0.4810	0.4811
0.1384	0.4303	1.6644	1.4007E+007	5.0301E+012	4.2673E-002	0.3474	-1.5785E-011	0.4734	0.4734	0.4735	0.4735
0.1331	0.4228	1.6645	1.3687E+007	4.4791E+012	3.9800E-002	0.3514	-1.7712E-011	0.4659	0.4659	0.4659	0.4660
0.1280	0.4153	1.6646	1.3370E+007	3.9833E+012	3.7091E-002	0.3556	-1.9902E-011	0.4583	0.4583	0.4584	0.4584
0.1230	0.4078	1.6646	1.3057E+007	3.5374E+012	3.4538E-002	0.3601	-2.2408E-011	0.4508	0.4508	0.4508	0.4509
0.1181	0.4003	1.6646	1.2748E+007	3.1369E+012	3.2133E-002	0.3649	-2.5275E-011	0.4432	0.4433	0.4433	0.4433
0.1133	0.3929	1.6646	1.2442E+007	2.7773E+012	2.9867E-002	0.3699	-2.8574E-011	0.4357	0.4357	0.4357	0.4358
0.1087	0.3854	1.6646	1.2139E+007	2.4550E+012	2.7733E-002	0.3753	-3.2373E-011	0.4282	0.4282	0.4282	0.4282
0.1041	0.3779	1.6647	1.1840E+007	2.1663E+012	2.5725E-002	0.3810	-3.6771E-011	0.4206	0.4206	0.4207	0.4207
0.0997	0.3704	1.6647	1.1544E+007	1.9080E+012	2.3836E-002	0.3870	-4.1866E-011	0.4131	0.4131	0.4131	0.4132
0.0954	0.3630	1.6647	1.1250E+007	1.6772E+012	2.2060E-002	0.3934	-4.7805E-011	0.4056	0.4056	0.4056	0.4056
0.0912	0.3555	1.6647	1.0960E+007	1.4714E+012	2.0391E-002	0.4002	-5.4728E-011	0.3981	0.3981	0.3981	0.3981
0.0872	0.3481	1.6646	1.0672E+007	1.2880E+012	1.8824E-002	0.4073	-6.2851E-011	0.3906	0.3906	0.3906	0.3906
0.0832	0.3407	1.6645	1.0387E+007	1.1249E+012	1.7354E-002	0.4149	-7.2399E-011	0.3830	0.3831	0.3831	0.3831
0.0793	0.3332	1.6642	1.0105E+007	9.8012E+011	1.5975E-002	0.4229	-8.3660E-011	0.3755	0.3756	0.3756	0.3756
0.0756	0.3258	1.6638	9.8245E+006	8.5180E+011	1.4683E-002	0.4314	-9.7006E-011	0.3681	0.3681	0.3681	0.3681
0.0720	0.3184	1.6633	9.5468E+006	7.3831E+011	1.3474E-002	0.4404	-1.1287E-010	0.3606	0.3606	0.3606	0.3606
0.0684	0.3110	1.6626	9.2715E+006	6.3815E+011	1.2343E-002	0.4499	-1.3179E-010	0.3531	0.3531	0.3531	0.3531
0.0650	0.3036	1.6618	8.9985E+006	5.4995E+011	1.1286E-002	0.4600	-1.5444E-010	0.3456	0.3456	0.3456	0.3457
0.0617	0.2963	1.6607	8.7277E+006	4.7248E+011	1.0301E-002	0.4706	-1.8170E-010	0.3382	0.3382	0.3382	0.3382
0.0585	0.2889	1.6593	8.4592E+006	4.0459E+011	9.3816E-003	0.4819	-2.1465E-010	0.3307	0.3307	0.3307	0.3307
0.0554	0.2816	1.6576	8.1928E+006	3.4527E+011	8.5263E-003	0.4938	-2.5461E-010	0.3233	0.3233	0.3233	0.3233
0.0525	0.2742	1.6554	7.9287E+006	2.9360E+011	7.7314E-003	0.5065	-3.0332E-010	0.3159	0.3159	0.3159	0.3159
0.0496	0.2669	1.6528	7.6667E+006	2.4871E+011	6.9936E-003	0.5198	-3.6291E-010	0.3084	0.3084	0.3085	0.3085
0.0468	0.2597	1.6496	7.4071E+006	2.0987E+011	6.3101E-003	0.5339	-4.3611E-010	0.3010	0.3011	0.3011	0.3011
0.0441	0.2524	1.6460	7.1502E+006	1.7636E+011	5.6780E-003	0.5488	-5.2648E-010	0.2937	0.2937	0.2937	0.2937
0.0416	0.2452	1.6418	6.8960E+006	1.4757E+011	5.0945E-003	0.5645	-6.3871E-010	0.2863	0.2863	0.2863	0.2863
0.0391	0.2380	1.6367	6.6444E+006	1.2292E+011	4.5572E-003	0.5811	-7.7839E-010	0.2790	0.2790	0.2790	0.2790
0.0367	0.2308	1.6303	6.3947E+006	1.0192E+011	4.0634E-003	0.5985	-9.5244E-010	0.2717	0.2717	0.2717	0.2717
0.0345	0.2237	1.6220	6.1469E+006	8.4110E+010	3.6107E-003	0.6166	-1.1699E-009	0.2644	0.2644	0.2644	0.2644
0.0323	0.2166	1.6118	5.9016E+006	6.9078E+010	3.1968E-003	0.6353	-1.4416E-009	0.2571	0.2571	0.2571	0.2571
0.0302	0.2095	1.6001	5.6605E+006	5.6459E+010	2.8195E-003	0.6548	-1.7831E-009	0.2499	0.2499	0.2499	0.2499
0.0283	0.2025	1.5877	5.4256E+006	4.5920E+010	2.4767E-003	0.6751	-2.2149E-009	0.2427	0.2427	0.2427	0.2427
0.0264	0.1955	1.5757	5.1988E+006	3.7159E+010	2.1664E-003	0.6965	-2.7665E-009	0.2355	0.2355	0.2355	0.2355
0.0246	0.1886	1.5658	4.9822E+006	2.9913E+010	1.8870E-003	0.7196	-3.4821E-009	0.2284	0.2284	0.2284	0.2284
0.0229	0.1817	1.5594	4.7767E+006	2.3945E+010	1.6365E-003	0.7449	-4.4265E-009	0.2213	0.2213	0.2213	0.2213
0.0213	0.1749	1.5577	4.5825E+006	1.9049E+010	1.4131E-003	0.7731	-5.6961E-009	0.2143	0.2143	0.2143	0.2143
0.0198	0.1682	1.5615	4.3981E+006	1.5049E+010	1.2148E-003	0.8049	-7.4328E-009	0.2073	0.2073	0.2073	0.2073
0.0183	0.1615	1.5698	4.2200E+006	1.1797E+010	1.0399E-003	0.8409	-9.8339E-009	0.2003	0.2003	0.2004	0.2004
0.0169	0.1549	1.5796	4.0427E+006	9.1673E+009	8.8604E-004	0.8808	-1.3159E-008	0.1934	0.1934	0.1934	0.1934

model: ../m0_2401a.bin.jcd T= 3523.9208

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
0.0156	0.1483	1.5856	3.8599E+006	7.0594E+009	7.5127E-004	0.9235	-1.7726E-008	0.1866	0.1866	0.1866	0.1866
0.0144	0.1419	1.5824	3.6685E+006	5.3881E+009	6.3356E-004	0.9673	-2.3892E-008	0.1798	0.1798	0.1798	0.1798
0.0132	0.1355	1.5681	3.4706E+006	4.0793E+009	5.3105E-004	1.0109	-3.2085E-008	0.1731	0.1731	0.1731	0.1731
0.0122	0.1293	1.5443	3.2729E+006	3.0676E+009	4.4223E-004	1.0534	-4.2851E-008	0.1664	0.1664	0.1664	0.1664
0.0112	0.1232	1.5148	3.0822E+006	2.2936E+009	3.6572E-004	1.0950	-5.6932E-008	0.1599	0.1599	0.1599	0.1599
0.0103	0.1172	1.4839	2.9042E+006	1.7077E+009	3.0044E-004	1.1363	-7.5326E-008	0.1534	0.1534	0.1534	0.1534
0.0094	0.1114	1.4546	2.7412E+006	1.2664E+009	2.4515E-004	1.1782	-9.9587E-008	0.1471	0.1471	0.1471	0.1471
0.0087	0.1057	1.4289	2.5937E+006	9.3593E+008	1.9879E-004	1.2213	-1.3187E-007	0.1409	0.1409	0.1409	0.1409
0.0080	0.1002	1.4072	2.4602E+006	6.8931E+008	1.6026E-004	1.2662	-1.7520E-007	0.1348	0.1348	0.1348	0.1348
0.0073	0.0947	1.3890	2.3388E+006	5.0610E+008	1.2852E-004	1.3129	-2.3347E-007	0.1288	0.1288	0.1288	0.1288
0.0067	0.0895	1.3732	2.2269E+006	3.7027E+008	1.0253E-004	1.3616	-3.1208E-007	0.1229	0.1229	0.1229	0.1229
0.0061	0.0843	1.3586	2.1228E+006	2.6998E+008	8.1400E-005	1.4116	-4.1764E-007	0.1171	0.1171	0.1171	0.1171
0.0056	0.0793	1.3445	2.0253E+006	1.9627E+008	6.4333E-005	1.4626	-5.5865E-007	0.1114	0.1114	0.1114	0.1114
0.0051	0.0744	1.3305	1.9341E+006	1.4240E+008	5.0651E-005	1.5141	-7.4615E-007	0.1058	0.1058	0.1058	0.1058
0.0047	0.0697	1.3166	1.8485E+006	1.0307E+008	3.9714E-005	1.5662	-9.9565E-007	0.1003	0.1003	0.1003	0.1003
0.0042	0.0651	1.3031	1.7686E+006	7.4478E+007	3.1026E-005	1.6188	-1.3270E-006	0.0949	0.0949	0.0949	0.0949
0.0039	0.0606	1.2902	1.6940E+006	5.3727E+007	2.4154E-005	1.6720	-1.7676E-006	0.0895	0.0895	0.0895	0.0895
0.0035	0.0563	1.2780	1.6245E+006	3.8718E+007	1.8749E-005	1.7258	-2.3532E-006	0.0842	0.0842	0.0842	0.0842
0.0031	0.0520	1.2667	1.5595E+006	2.7861E+007	1.4510E-005	1.7806	-3.1339E-006	0.0790	0.0790	0.0790	0.0790
0.0028	0.0479	1.2562	1.4989E+006	2.0051E+007	1.1211E-005	1.8362	-4.1716E-006	0.0738	0.0738	0.0738	0.0738
0.0025	0.0439	1.2466	1.4418E+006	1.4408E+007	8.6403E-006	1.8932	-5.5601E-006	0.0687	0.0687	0.0687	0.0687
0.0023	0.0400	1.2377	1.3878E+006	1.0345E+007	6.6477E-006	1.9516	-7.4195E-006	0.0637	0.0637	0.0637	0.0637
0.0020	0.0362	1.2296	1.3367E+006	7.4224E+006	5.1080E-006	2.0120	-9.9171E-006	0.0586	0.0586	0.0586	0.0586
0.0018	0.0326	1.2221	1.2879E+006	5.3240E+006	3.9229E-006	2.0746	-1.3282E-005	0.0536	0.0536	0.0536	0.0536
0.0015	0.0290	1.2154	1.2409E+006	3.8137E+006	3.0103E-006	2.1403	-1.7858E-005	0.0486	0.0486	0.0486	0.0486
0.0013	0.0255	1.2095	1.1955E+006	2.7342E+006	2.3136E-006	2.2096	-2.4088E-005	0.0436	0.0436	0.0436	0.0436
0.0011	0.0222	1.2043	1.1509E+006	1.9549E+006	1.7773E-006	2.2846	-3.2764E-005	0.0385	0.0385	0.0385	0.0385
0.0009	0.0189	1.2002	1.1071E+006	1.3997E+006	1.3707E-006	2.3661	-4.4891E-005	0.0333	0.0333	0.0333	0.0333
0.0007	0.0158	1.1975	1.0627E+006	9.9790E+005	1.0582E-006	2.4586	-6.2598E-005	0.0280	0.0280	0.0280	0.0280
0.0006	0.0127	1.1973	1.0178E+006	7.1143E+005	8.2233E-007	2.5659	-8.9163E-005	0.0225	0.0225	0.0225	0.0225
0.0004	0.0098	1.2021	9.7131E+005	5.0576E+005	6.4444E-007	2.6986	-1.3222E-004	0.0164	0.0164	0.0164	0.0164
0.0003	0.0070	1.2203	9.2277E+005	3.5760E+005	5.1249E-007	2.8828	-2.1328E-004	0.0086	0.0086	0.0086	0.0086
0.0002	0.0043	1.2931	8.7477E+005	2.4939E+005	4.2141E-007	3.2214	-4.3364E-004	0.0000	0.0000	0.0000	0.0000
0.0001	0.0017	1.6085	8.2288E+005	1.6473E+005	3.9129E-007	4.2589	-5.8727E-004	0.0000	0.0000	0.0000	0.0000
-0.0000	-0.0007	1.6579	7.7004E+005	1.0135E+005	2.8338E-007	4.6902	4.8485E-004	0.0000	0.0000	0.0000	0.0000
-0.0001	-0.0030	1.6625	7.4041E+005	6.1843E+004	1.8755E-007	4.8906	5.9861E-004	0.0000	0.0000	0.0000	0.0000
-0.0002	-0.0052	1.6626	7.1661E+005	3.8024E+004	1.2311E-007	5.0524	6.5705E-004	0.0000	0.0000	0.0000	0.0000
-0.0003	-0.0074	1.6623	6.9831E+005	2.3302E+004	7.9431E-008	5.1830	8.1049E-004	0.0000	0.0000	0.0000	0.0000
-0.0003	-0.0095	1.6621	6.8808E+005	1.4192E+004	4.9822E-008	5.2587	9.3868E-004	0.0000	0.0000	0.0000	0.0000
-0.0004	-0.0116	1.6619	6.8318E+005	8.7076E+003	3.1005E-008	5.2949	1.0094E-003	0.0000	0.0000	0.0000	0.0000
-0.0005	-0.0137	1.6617	6.8090E+005	5.3026E+003	1.9006E-008	5.3114	1.0445E-003	0.0000	0.0000	0.0000	0.0000
-0.0006	-0.0158	1.6617	6.7993E+005	3.2416E+003	1.1652E-008	5.3182	1.0606E-003	0.0000	0.0000	0.0000	0.0000
-0.0006	-0.0178	1.6618	6.7956E+005	1.9840E+003	7.1394E-009	5.3206	1.0679E-003	0.0000	0.0000	0.0000	0.0000