Table 2. The calculated data of the PREM from the simplified method.

Level	Radius R	Density ρ	Mass of Shell M	Moment of Inertia I	Gravity g	Pressure P
No.	km	g/cm^2	10^{24} g	10^{40} $g.cm^2$	$10^3 cm/s^2$	kbar
94	6371.0	1.02000	5973.289	80205.664	981.959	0.000
93	6368.0	1.02000	5971.729	80163.472	982.628	0.301
92	6368.0	2.60000	5971.729	80163.472	982.628	0.301
91	6356.0	2.60000	5955.860	79735.267	983.721	3.368
90	6356.0	2.90000	5955.860	79735.267	983.721	3.368
89	6346.6	2.90000	5942.042	79363.655	984.348	6.051
88	6346.6	3.38076	5942.042	79363.655	984.348	6.051
87	6331.0	3.37906	5915.418	78650.501	984.772	11.242
86	6311.0	3.37688	5881.498	77746.958	985.341	17.897
85	6291.0	3.37471	5847.813	76855.371	985.937	24.552
84	6291.0	3.37471	5847.813	76855.371	985.937	24.552
83	6256.0	3.37091	5789.430	75323.498	987.046	36.197
82	6221.0	3.36710	5731.761	73827.216	988.241	47.843
81	6186.0	3.36330	5674.801	72365.862	989.523	59.490
80	6151.0	3.35950	5618.547	70938.843	990.895	71.140
79	6151.0	3.43578	5618.547	70938.843	990.895	71.140
78	6106.0	3.46264	5545.290	69104.504	992.443	86.533
77	6061.0	3.48951	5472.542	67309.578	994.021	102.070
76	6016.0	3.51639	5400.312	65553.702	995.631	117.752
75	5971.0	3.54325	5328.609	63836.530	997.275	133.580
74	5971.0	3.72378	5328.609	63836.530	997.275	133.580
73	5921.0	3.78678	5245.188	61870.242	998.311	152.315
72	5871.0	3.84980	5161.788	59937.364	999.243	171.384
71	5821.0	3.91282	5078.443	58038.407	1000.070	190.784
70	5771.0	3.97584	4995.188	56173.776	1000.794	210.515
69	5771.0	3.97584	4995.188	56173.776	1000.794	210.515
68	5736.0	3.98399	4937.243	54894.999	1001.293	224.460
67	5701.0	3.99214	4879.884	53644.500	1001.849	238.440
66	5701.0	4.38071	4879.884	53644.500	1001.849	238.440
65	5650.0	4.41241	4789.122	51695.390	1001.046	260.896
64	5600.0	4.44316	4701.095	49838.510	1000.272	283.051
63	5600.0	4.44317	4701.095	49838.510	1000.272	283.051
62	5500.0	4.50372	4527.934	46282.178	998.780	327.772
61	5400.0	4.56307	4358.719	42930.977	997.393	373.027
60	5300.0	4.62129	4193.543	39778.675	996.149	418.809
59	5200.0	4.67844	4032.484	36818.780	995.087	465.113
58	5100.0	4.73460	3875.615	34044.639	994.249	511.936
57	5000.0	4.78983	3722.994	31449.399	993.682	559.281
56	4900.0	4.84422	3574.669	29026.105	993.433	607.151
55	4800.0	4.89783	3430.681	26767.722	993.557	655.550
54	4700.0	4.95073	3291.058	24667.171	994.111	704.504
53	4600.0	5.00299	3155.823	22717.392	995.158	754.016
52	4500.0	5.05469	3024.990	20911.315	996.768	804.113
51	4400.0	5.10590	2898.564	19241.931	999.016	854.820
50	4300.0	5.15669	2776.543	17702.299	1001.988	906.171
49	4200.0	5.20713	2658.919	16285.574	1005.777	958.203
48	4100.0	5.25729	2545.676	14985.041	1010.487	1010.963

Level	Radius R	Density ρ	Mass of Shell M	Moment of Inertia I	Gravity g	Pressure P
No.	km	g/cm^2	10^{24} g	10^{40} $g.cm^2$	$10^3 \cdot cm/s^2$	kbar
47	4000.0	5.30724	2436.792	13794.099	1016.234	1064.504
46	3900.0	5.35706	2332.241	12706.303	1023.150	1118.888
45	3800.0	5.40681	2231.989	11715.364	1031.383	1174.188
44	3700.0	5.45657	2135.997	10815.178	1041.100	1230.486
43	3630.0	5.49145	2071.317	10235.887	1048.886	1270.533
42	3630.0	5.49145	2071.317	10235.887	1048.886	1270.533
41	3600.0	5.50642	2044.225	9999.856	1052.492	1287.866
40	3500.0	5.55641	1956.620	9263.582	1065.775	1346.464
39	3480.0	5.56645	1939.595	9125.339	1068.680	1358.335
38	3480.0	9.90349	1939.595	9125.339	1068.680	1358.335
37	3400.0	10.02940	1821.025	8189.719	1051.122	1442.882
36	3300.0	10.18134	1678.502	7123.015	1028.464	1548.038
35	3200.0	10.32726	1542.384	6164.138	l005.050	1652.385
34	3100.0	10.46727	1412.729	5306.115	980.913	1755.720
33	3000.0	10.60152	1289.573	4541.998	956.089	1857.844
32	2900.0	10.73012	1172.922	3864.903	930.611	1958.564
31	2800.0	10.85321	1062.760	3268.068	904.512	2057.694
30	2700.0	10.97091	959.048	2744.899	877.825	2155.056
29	2600.0	11.08335	861.725	2288.994	850.584	2250.478
28	2500.0	11.19067	770.709	1894.191	822.821	2343.794
27	2400.0	11.29298	685.901	1554.580	794.573	2434.847
26	2300.0	11.39042	607.181	1264.538	765.875	2523.487
25	2200.0	11.48311	534.411	1018.739	736.758	2609.572
24	2100.0	11.57119	467.440	812.171	707.265	2692.969
23	2000.0	11.65478	406.100	640.145	677.436	2773.552
22	1900.0	11.73401	350.208	498.303	647.312	2851.205
21	1800.0	11.80900	299.568	382.619	616.944	2925.821
20	1700.0	11.87990	253.973	289.403	586.388	2997.305
19	1600.0	11.94682	213.202	215.291	555.708	3065.572
18	1500.0	12.00989	177.026	151.249	524.988	3130.550
17	1400.0	12.06924	145.204	112.556	494.331	3192.185
16	1300.0	12.12500	117.486	78.802	463.868	3250.438
15	1221.5	12.16634	98.436	58.583	440.212	3293.691
14	1221.5	12.16360	98.436	58.583	440.212	3293.691
13	1200.0	12.77493	93.378	53.640	432.690	3305.677
12	1100.0	12.82501	72.093	34.814	397.560	3359.210
11	1000.0	12.87073	54.279	21.671	362.182	3408.454
10	900.0	12.91211	39.646	12.826	326.595	3453.339
9	800.0	12.94912	27.892	7.132	290.800	3493.806
8	700.0	12.98178	18.714	3.665	254.839	3529.806
7	600.0	13.01009	11.800	1.698	218.713	3561.307
6	500.0	13.03404	6.836	0.684	182.456	3588.295
5	400.0	13.05364	3.503	0.224	146.088	3610.792
4	300.0	13.06888	1.479	0.054	109.653	3628.883
3	200.0	13.07977	0.438	0.007	73.065	3642.820
2	100.0	13.08630	0.055	0.001	36.699	3653.579
1	0.0	13.08848	0.000	0.000	0.000	3655.973