

Mass	b1	b2	MSE	Mass	b1	b2	MSE
2.0	-7.070e-01	-9.964e-01	2.064e-03	2.2	-6.647e-01	-9.739e-01	1.421e-03
2.4	-5.782e-01	-9.499e-01	6.792e-04	2.6	-6.481e-01	-9.315e-01	2.212e-03
2.8	-6.688e-01	-9.301e-01	8.978e-04	3.0	-6.230e-01	-9.116e-01	1.246e-03
3.2	-6.305e-01	-8.919e-01	1.078e-03	3.4	-6.241e-01	-8.854e-01	8.386e-04
3.6	-6.386e-01	-8.779e-01	1.444e-03	3.8	-6.182e-01	-8.752e-01	1.099e-03
4.0	-6.306e-01	-8.722e-01	1.107e-03	4.2	-6.144e-01	-8.620e-01	9.646e-04
4.4	-5.976e-01	-8.583e-01	1.048e-03	4.6	-5.904e-01	-8.507e-01	1.132e-03
4.8	-5.715e-01	-8.451e-01	8.869e-04	5.0	-5.481e-01	-8.373e-01	7.886e-04
5.2	-5.862e-01	-8.280e-01	5.114e-04	5.4	-6.207e-01	-8.133e-01	9.524e-04
5.6	-6.352e-01	-8.125e-01	7.891e-04	5.8	-6.271e-01	-8.064e-01	3.193e-04
6.0	-6.435e-01	-8.036e-01	3.632e-04	6.2	-6.276e-01	-7.994e-01	3.838e-04
6.4	-6.535e-01	-8.029e-01	3.610e-04	6.6	-6.467e-01	-8.020e-01	3.279e-04
6.8	-6.252e-01	-8.150e-01	8.403e-04	7.0	-6.295e-01	-8.144e-01	1.087e-03
7.2	-5.997e-01	-8.122e-01	1.013e-03	7.4	-6.033e-01	-8.195e-01	9.961e-04
7.6	-6.811e-01	-8.114e-01	2.933e-04	7.8	-7.556e-01	-8.180e-01	5.744e-04
8.0	-8.545e-01	-8.231e-01	6.254e-04	8.2	-5.292e-01	-7.993e-01	1.065e-03
8.4	-5.224e-01	-7.950e-01	1.305e-03	8.6	-5.412e-01	-7.853e-01	1.661e-03
8.8	-4.947e-01	-7.723e-01	1.066e-03	9.0	-9.706e-01	-8.136e-01	2.435e-03
9.5	-9.121e-01	-8.235e-01	1.376e-03	10.0	-1.032e+00	-8.486e-01	1.450e-03
10.5	3.885e-03	-7.444e-01	2.768e-03	11.0	2.025e-01	-7.030e-01	1.646e-03
11.5	-6.161e-01	-8.222e-01	1.188e-03	12.0	1.051e-02	-6.726e-01	1.942e-03
13.0	9.103e-01	-4.721e-01	1.140e-04	14.0	5.514e-01	-5.438e-01	9.085e-04
15.0	4.969e-01	-5.420e-01	7.131e-04	16.0	3.684e-01	-5.689e-01	3.568e-05
17.0	4.190e-01	-5.768e-01	4.460e-05	18.0	4.696e-01	-5.799e-01	1.818e-05
19.0	4.368e-01	-5.998e-01	7.973e-05	20.0	4.901e-01	-6.010e-01	9.140e-05
22.0	4.932e-01	-7.596e-01	1.603e-04	24.0	6.038e-01	-7.621e-01	9.653e-05
26.0	4.713e-01	-7.807e-01	1.796e-04	28.0	5.459e-01	-7.925e-01	2.124e-04
30.0	4.664e-01	-7.924e-01	9.006e-05	32.0	4.912e-01	-8.168e-01	1.895e-04
34.0	6.573e-01	-8.233e-01	1.756e-04	36.0	5.273e-01	-8.296e-01	1.324e-04
38.0	5.058e-01	-8.528e-01	1.838e-04	40.0	4.927e-01	-8.615e-01	1.640e-04
45.0	5.403e-01	-8.989e-01	1.068e-04	50.0	6.726e-01	-9.464e-01	1.016e-04
55.0	5.767e-01	-9.779e-01	1.762e-04	60.0	6.619e-01	-1.011e+00	1.551e-04
65.0	6.859e-01	-1.035e+00	1.391e-04	70.0	1.032e+00	-1.147e+00	1.779e-04
75.0	7.964e-01	-1.129e+00	3.058e-04	80.0	8.678e-01	-1.186e+00	3.495e-04
85.0	1.021e+00	-1.276e+00	2.537e-04	90.0	1.194e+00	-1.374e+00	2.694e-04
95.0	1.295e+00	-1.460e+00	2.087e-04	100.0	1.419e+00	-1.552e+00	2.758e-04
120.0	2.272e+00	-2.149e+00	7.084e-04	150.0	3.267e+00	-3.090e+00	5.108e-03
200.0	-2.968e+00	1.156e+00	3.252e-03	250.0	-2.138e+00	7.678e-01	6.442e-04
300.0	-1.652e+00	4.499e-01	4.141e-04	350.0	-1.403e+00	2.726e-01	4.610e-04

Table 1: Fitting coefficients table for helium stars with $Z = 0.001$