

Mass	b1	b2	MSE	Mass	b1	b2	MSE
2.0	-6.754e-01	-9.771e-01	2.330e-03	2.2	-6.095e-01	-9.570e-01	8.864e-04
2.4	-5.640e-01	-9.391e-01	9.623e-04	2.6	-5.956e-01	-9.340e-01	2.096e-03
2.8	-6.280e-01	-9.126e-01	1.132e-03	3.0	-5.942e-01	-8.929e-01	1.246e-03
3.2	-6.078e-01	-8.807e-01	1.002e-03	3.4	-5.980e-01	-8.656e-01	8.087e-04
3.6	-6.417e-01	-8.657e-01	1.352e-03	3.8	-6.183e-01	-8.570e-01	9.919e-04
4.0	-5.888e-01	-8.508e-01	9.538e-04	4.2	-6.004e-01	-8.465e-01	8.413e-04
4.4	-6.027e-01	-8.439e-01	9.139e-04	4.6	-5.959e-01	-8.343e-01	1.042e-03
4.8	-5.847e-01	-8.294e-01	7.286e-04	5.0	-5.934e-01	-8.172e-01	6.654e-04
5.2	-5.309e-01	-8.158e-01	1.294e-03	5.4	-5.555e-01	-8.067e-01	1.254e-03
5.6	-5.631e-01	-7.978e-01	8.838e-04	5.8	-5.708e-01	-7.908e-01	1.493e-03
6.0	-6.093e-01	-7.883e-01	1.251e-03	6.2	-5.977e-01	-7.751e-01	3.193e-04
6.4	-6.395e-01	-7.790e-01	7.346e-04	6.6	-6.044e-01	-7.737e-01	3.471e-04
6.8	-6.214e-01	-7.798e-01	3.963e-04	7.0	-5.742e-01	-7.841e-01	8.010e-04
7.2	-5.642e-01	-7.801e-01	7.206e-04	7.4	-5.348e-01	-7.808e-01	7.617e-04
7.6	-4.580e-01	-7.728e-01	9.828e-04	7.8	-4.092e-01	-7.642e-01	9.884e-04
8.0	-3.780e-01	-7.625e-01	1.010e-03	8.2	-6.758e-01	-7.848e-01	2.190e-04
8.4	-7.014e-01	-7.835e-01	1.809e-04	8.6	-8.017e-01	-7.869e-01	5.631e-04
8.8	-8.948e-01	-7.958e-01	6.379e-04	9.0	-7.229e-01	-7.665e-01	9.409e-04
9.5	-7.625e-01	-7.651e-01	9.544e-04	10.0	-7.419e-01	-7.726e-01	1.229e-03
10.5	-6.423e-01	-7.462e-01	2.542e-04	11.0	-7.885e-01	-7.568e-01	5.496e-04
11.5	1.967e-01	-6.556e-01	1.312e-03	12.0	2.679e-01	-6.495e-01	2.055e-03
13.0	-9.437e-02	-6.880e-01	1.957e-03	14.0	2.856e-01	-5.609e-01	3.632e-04
15.0	3.229e-01	-5.614e-01	5.194e-05	16.0	3.192e-01	-5.737e-01	9.343e-05
17.0	3.661e-01	-5.811e-01	5.137e-05	18.0	3.771e-01	-5.938e-01	8.762e-05
19.0	3.007e-01	-6.072e-01	9.444e-05	20.0	4.947e-01	-5.995e-01	3.205e-05
22.0	5.428e-01	-7.641e-01	1.275e-04	24.0	6.166e-01	-7.685e-01	1.949e-04
26.0	3.806e-01	-7.781e-01	8.253e-05	28.0	4.773e-01	-7.911e-01	9.793e-05
30.0	6.254e-01	-8.005e-01	1.066e-04	32.0	6.391e-01	-8.159e-01	5.198e-05
34.0	5.632e-01	-8.381e-01	8.915e-05	36.0	5.507e-01	-8.455e-01	7.814e-05
38.0	7.046e-01	-8.594e-01	1.589e-04	40.0	6.141e-01	-8.525e-01	1.841e-04
45.0	6.942e-01	-8.765e-01	9.015e-05	50.0	5.885e-01	-9.073e-01	1.310e-04
55.0	6.838e-01	-9.548e-01	8.736e-05	60.0	7.678e-01	-1.003e+00	9.171e-05
65.0	8.933e-01	-1.060e+00	8.711e-05	70.0	8.447e-01	-1.078e+00	2.033e-04
75.0	9.140e-01	-1.125e+00	3.046e-04	80.0	1.146e+00	-1.225e+00	1.650e-04
85.0	1.086e+00	-1.238e+00	1.358e-04	90.0	1.303e+00	-1.346e+00	2.419e-04
95.0	1.468e+00	-1.439e+00	2.750e-04	100.0	1.506e+00	-1.499e+00	2.653e-04
120.0	2.522e+00	-2.150e+00	6.552e-04	150.0	3.872e+00	-3.269e+00	4.642e-03
200.0	-3.239e+00	1.288e+00	2.944e-03	250.0	-2.198e+00	8.041e-01	6.072e-04
300.0	-1.759e+00	5.607e-01	4.104e-04	350.0	-1.474e+00	3.749e-01	4.091e-04

**Table 1:** Fitting coefficients table for helium stars with  $Z = 0.0002$