| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mass | b1 | b2 | MSE | Mass | b1 | b2 | MSE |
| 2.0 | -7.542e-01 | -1.009e+00 | 3.078e-03 | 2.2 | -7.045e-01 | -9.917e-01 | 1.979e-03 |
| 2.4 | -6.551e-01 | -9.641e-01 | 1.173e-03 | 2.6 | -7.380e-01 | -9.378e-01 | 3.374e-03 |
| 2.8 | -7.126e-01 | -9.390e-01 | 2.132e-03 | 3.0 | -6.817e-01 | -9.324e-01 | 1.509e-03 |
| 3.2 | -6.813e-01 | -9.248e-01 | 1.221e-03 | 3.4 | -6.669e-01 | -9.141e-01 | 9.022e-04 |
| 3.6 | -7.087e-01 | -9.161e-01 | 2.026e-03 | 3.8 | -6.882e-01 | -9.108e-01 | 1.425e-03 |
| 4.0 | -6.891e-01 | -9.016e-01 | 1.436e-03 | 4.2 | -7.021e-01 | -8.941e-01 | 1.493e-03 |
| 4.4 | -6.885e-01 | -8.868e-01 | 1.183e-03 | 4.6 | -6.845e-01 | -8.707e-01 | 1.337e-03 |
| 4.8 | -6.876e-01 | -8.712e-01 | 1.122e-03 | 5.0 | -6.878e-01 | -8.816e-01 | 1.358e-03 |
| 5.2 | -7.037e-01 | -8.663e-01 | 7.538e-04 | 5.4 | -7.104e-01 | -8.563e-01 | 5.960e-04 |
| 5.6 | -7.255e-01 | -8.443e-01 | 4.580e-04 | 5.8 | -7.482e-01 | -8.470e-01 | 5.546e-04 |
| 6.0 | -7.489e-01 | -8.472e-01 | 4.828e-04 | 6.2 | -7.866e-01 | -8.508e-01 | 7.674e-04 |
| 6.4 | -7.633e-01 | -8.503e-01 | 4.549e-04 | 6.6 | -7.576e-01 | -8.465e-01 | 3.594e-04 |
| 6.8 | -7.504e-01 | -8.487e-01 | 5.156e-04 | 7.0 | -7.720e-01 | -8.694e-01 | 1.085e-03 |
| 7.2 | -7.247e-01 | -8.731e-01 | 1.199e-03 | 7.4 | -7.510e-01 | -8.763e-01 | 9.014e-04 |
| 7.6 | -6.921e-01 | -8.655e-01 | 7.984e-04 | 7.8 | -7.042e-01 | -8.735e-01 | 1.359e-03 |
| 8.0 | -6.274e-01 | -8.586e-01 | 1.300e-03 | 8.2 | -6.667e-01 | -8.773e-01 | 1.694e-03 |
| 8.4 | -5.471e-01 | -8.590e-01 | 1.322e-03 | 8.6 | -5.663e-01 | -8.624e-01 | 1.288e-03 |
| 8.8 | -9.529e-01 | -9.170e-01 | 1.083e-03 | 9.0 | -4.642e-01 | -8.528e-01 | 1.575e-03 |
| 9.5 | -9.105e-01 | -8.999e-01 | 8.063e-04 | 10.0 | -1.131e+00 | -9.467e-01 | 1.421e-03 |
| 10.5 | -3.464e-01 | -8.323e-01 | 2.682e-03 | 11.0 | 1.031e+00 | -5.270e-01 | 1.772e-03 |
| 11.5 | 9.323e-01 | -5.087e-01 | 5.945e-04 | 12.0 | 6.496e-01 | -5.879e-01 | 6.974e-04 |
| 13.0 | 1.051e-02 | -6.974e-01 | 1.662e-03 | 14.0 | 7.195e-01 | -5.233e-01 | 3.114e-04 |
| 15.0 | 5.835e-01 | -5.787e-01 | 5.207e-04 | 16.0 | 5.175e-01 | -5.670e-01 | 9.570e-04 |
| 17.0 | 3.785e-01 | -5.860e-01 | 2.566e-04 | 18.0 | 3.413e-01 | -5.993e-01 | 4.758e-05 |
| 19.0 | 3.149e-01 | -6.150e-01 | 3.657e-05 | 20.0 | 2.677e-01 | -6.389e-01 | 1.894e-05 |
| 22.0 | 3.346e-01 | -7.820e-01 | 1.168e-04 | 24.0 | 3.305e-01 | -8.038e-01 | 1.753e-04 |
| 26.0 | 3.488e-01 | -8.180e-01 | 1.363e-04 | 28.0 | 4.254e-01 | -8.360e-01 | 1.076e-04 |
| 30.0 | 2.894e-01 | -8.441e-01 | 1.199e-04 | 32.0 | 2.189e-01 | -8.442e-01 | 1.213e-04 |
| 34.0 | 3.746e-01 | -8.670e-01 | 1.623e-04 | 36.0 | 3.257e-01 | -8.840e-01 | 1.506e-04 |
| 38.0 | 4.190e-01 | -8.993e-01 | 1.277e-04 | 40.0 | 3.974e-01 | -9.020e-01 | 2.985e-04 |
| 45.0 | 2.871e-01 | -9.109e-01 | 1.319e-04 | 50.0 | 3.528e-01 | -9.374e-01 | 7.644e-05 |
| 55.0 | 4.704e-01 | -9.802e-01 | 1.241e-04 | 60.0 | 3.663e-01 | -9.963e-01 | 1.344e-04 |
| 65.0 | 3.676e-01 | -1.016e+00 | 1.584e-04 | 70.0 | 4.187e-01 | -1.045e+00 | 8.709e-05 |
| 75.0 | 5.707e-01 | -1.096e+00 | 1.483e-04 | 80.0 | 7.399e-01 | -1.170e+00 | 1.269e-04 |
| 85.0 | 6.325e-01 | -1.163e+00 | 1.267e-04 | 90.0 | 7.397e-01 | -1.238e+00 | 1.894e-04 |
| 95.0 | 8.345e-01 | -1.302e+00 | 2.413e-04 | 100.0 | 9.494e-01 | -1.379e+00 | 1.850e-04 |
| 120.0 | 1.661e+00 | -1.843e+00 | 5.370e-04 | 150.0 | 2.884e+00 | -2.833e+00 | 1.577e-03 |
| 200.0 | -3.741e+00 | 1.652e+00 | 5.085e-03 | 250.0 | -2.562e+00 | 1.011e+00 | 2.440e-03 |
| 300.0 | -2.031e+00 | 7.185e-01 | 9.784e-04 | 350.0 | -1.673e+00 | 4.779e-01 | 5.556e-04 |

**Table 1:** Fitting coefficients table for helium stars with $Z = 0.004$