

TABLA 1. Tabla de Modelos ZAMS. Tomada de [1]

| M/M_{\odot} | X | Y | $\log(L/L_{\odot})$ | $\log(T_{eff})$ | R_{10} | $T_{c,6}$ | ρ_c | $\log(P_c)$ | q_c | q_{env} |
|---------------|------|------|---------------------|-----------------|----------|-----------|----------|-------------|-------|-----------|
| 60 | 0.74 | 0.24 | 5.701 | 4.683 | 70.96 | 39.28 | 1.93 | 16.22 | 0.73 | 0 |
| 40 | 0.74 | 0.24 | 5.345 | 4.642 | 56.89 | 37.59 | 2.49 | 16.26 | 0.64 | 0 |
| 30 | 0.74 | 0.24 | 5.066 | 4.606 | 48.53 | 36.28 | 3.05 | 16.29 | 0.56 | 0 |
| 20 | 0.74 | 0.24 | 4.631 | 4.547 | 38.73 | 34.27 | 4.21 | 16.37 | 0.46 | 0 |
| 15 | 0.74 | 0.24 | 4.292 | 4.498 | 32.89 | 32.75 | 5.48 | 16.44 | 0.4 | 0 |
| 10 | 0.74 | 0.24 | 3.772 | 4.419 | 25.94 | 30.48 | 8.33 | 16.57 | 0.33 | 0 |
| 7 | 0.74 | 0.24 | 3.275 | 4.341 | 20.99 | 28.41 | 12.6 | 16.71 | 0.27 | 0 |
| 5 | 0.74 | 0.24 | 2.773 | 4.259 | 17.18 | 26.43 | 19 | 16.84 | 0.23 | 0 |
| 3 | 0.74 | 0.24 | 1.951 | 4.118 | 12.76 | 23.47 | 35.8 | 17.06 | 0.18 | 0 |
| 2 | 0.74 | 0.24 | 1.262 | 3.992 | 10.3 | 21.09 | 47 | 17.21 | 0.13 | neg. |
| 1.75 | 0.74 | 0.24 | 1.301 | 3.948 | 9.695 | 20.22 | 66.5 | 17.25 | 0.11 | neg. |
| 1.5 | 0.74 | 0.24 | 0.759 | 3.892 | 9.151 | 19.05 | 76.7 | 17.28 | 0.07 | neg. |
| 1.3 | 0.74 | 0.24 | 0.496 | 3.834 | 8.827 | 17.66 | 84.1 | 17.28 | 0.03 | neg. |
| 1.2 | 0.74 | 0.24 | 0.34 | 3.8 | 8.648 | 16.67 | 85.7 | 17.26 | 0.01 | 1.00E-07 |
| 1.1 | 0.74 | 0.24 | 0.16 | 3.771 | 8.032 | 15.57 | 84.9 | 17.22 | 0 | 5.00E-05 |
| 1 | 0.74 | 0.24 | -0.042 | 3.752 | 6.931 | 14.42 | 82.2 | 17.17 | 0 | 0.0035 |
| 0.9 | 0.74 | 0.24 | -0.262 | 3.732 | 5.902 | 13.29 | 78.5 | 17.11 | 0 | 0.02 |
| 0.75 | 0.73 | 0.25 | -0.728 | 3.659 | 4.834 | 10.74 | 81.5 | - | 0 | - |
| 0.6 | 0.73 | 0.25 | -1.172 | 3.594 | 3.908 | 9.31 | 79.1 | - | 0 | - |
| 0.5 | 0.7 | 0.28 | -1.419 | 3.553 | 3.553 | 9.04 | 100 | 17.1 | 0 | - |
| 0.4 | 0.7 | 0.28 | -1.723 | 3.542 | 2.64 | 8.15 | 104 | 17.04 | 0 | - |
| 0.3 | 0.7 | 0.28 | -1.957 | 3.538 | 2.054 | 7.59 | 107 | 17.05 | * | 1 |
| 0.2 | 0.7 | 0.28 | -2.238 | 3.533 | 1.519 | 6.53 | 180 | 17.24 | * | 1 |
| 0.1 | 0.7 | 0.28 | -3.023 | 3.475 | 0.805 | 4.51 | 545 | 17.68 | * | 1 |
| 0.08 | 0.7 | 0.28 | -3.803 | 3.327 | 0.65 | 3.3 | 775 | 17.83 | * | 1 |