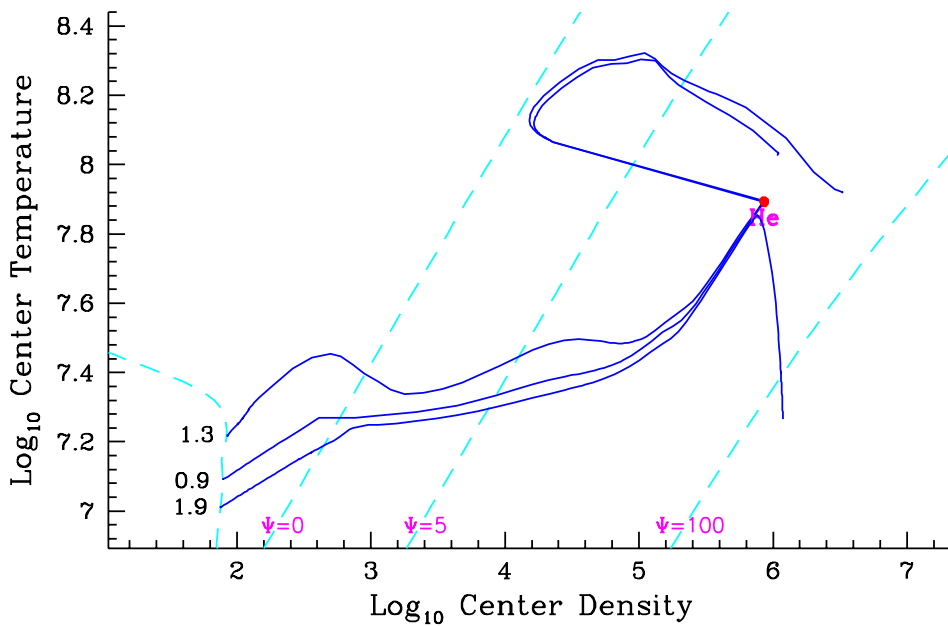
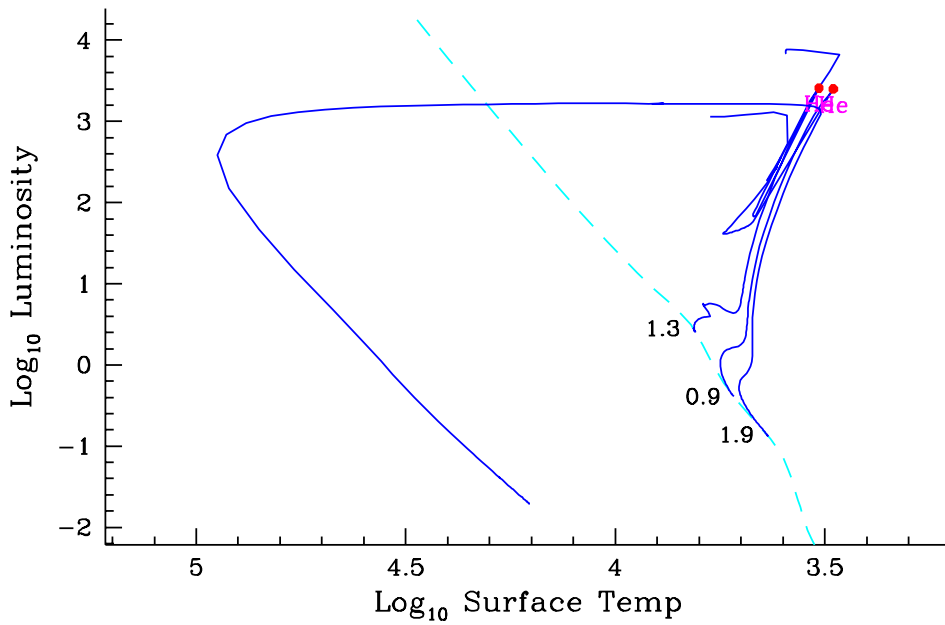
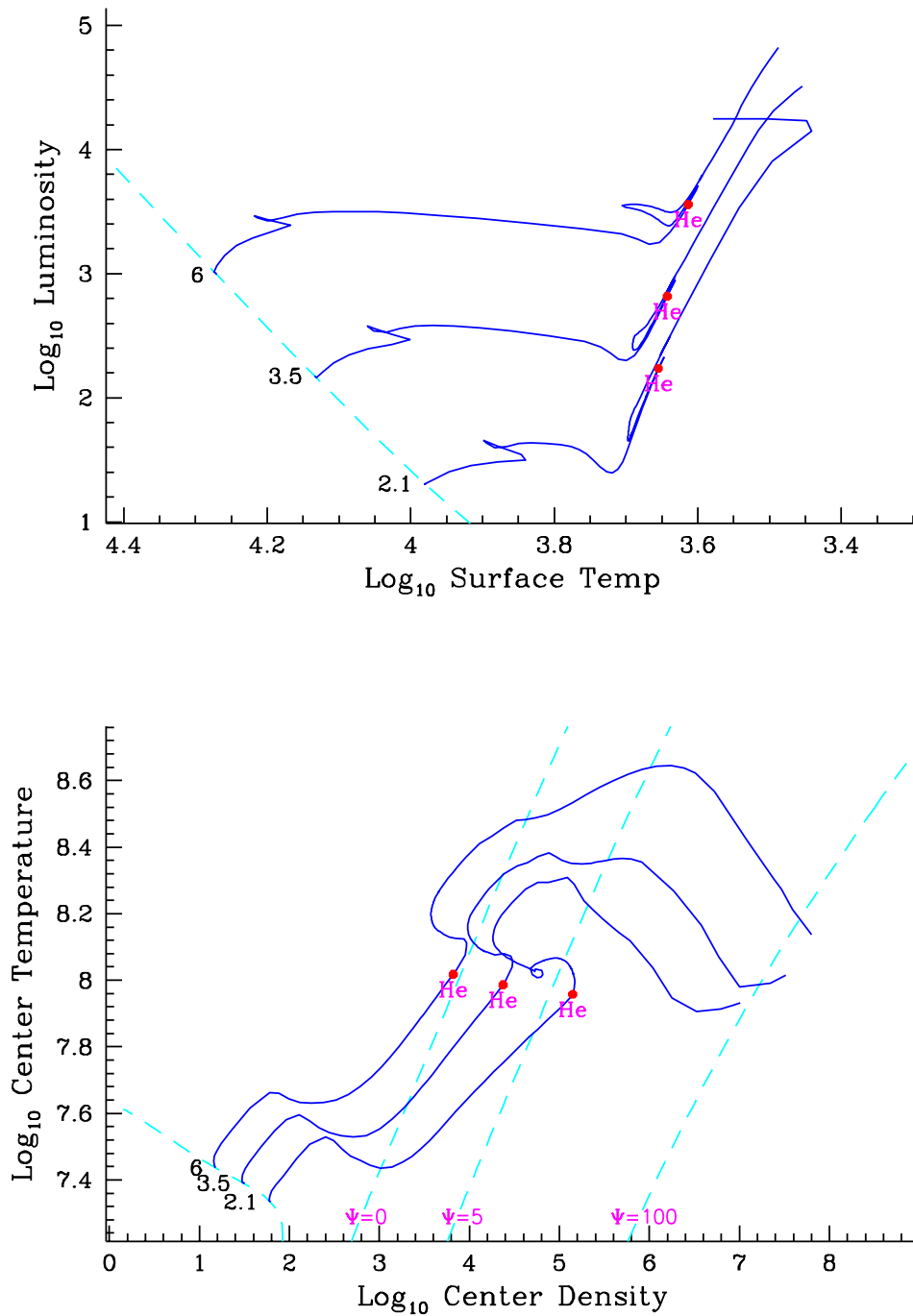


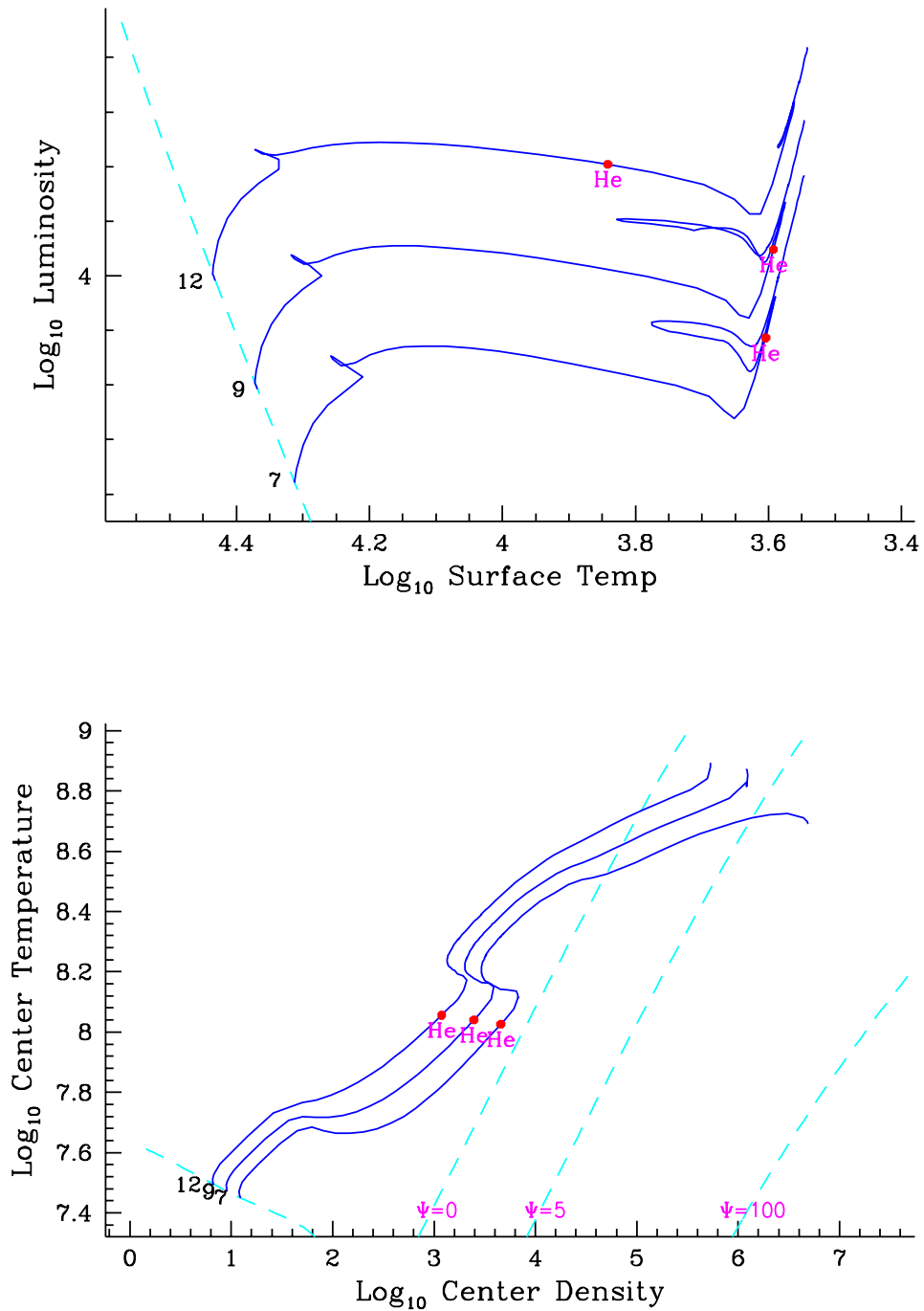
Hertzsprung-Russell and Center Temperature-Density Tracks for Metallicity $Z = 0.02$. The dashed lines through the start of the tracks show the ZAMS. The extra dashed lines on the temperature-density plot show the degeneracy parameter equal to 0, 5, and 100. These stars all fail to ignite helium, and the simulations terminate when the cores become highly degenerate.



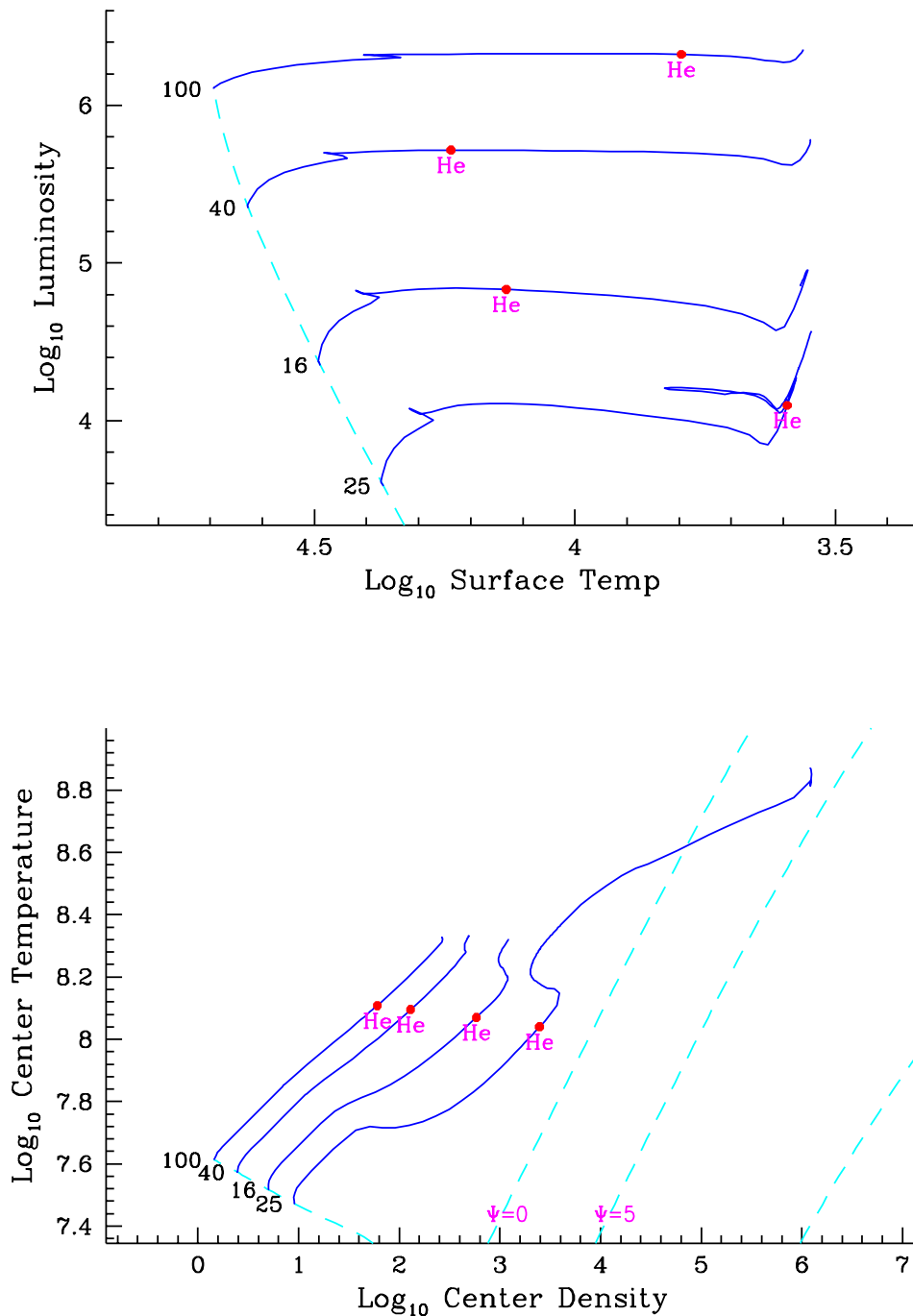
Hertzsprung-Russell and Center Temperature-Density Tracks for Metallicity $Z = 0.02$. The “He” symbols show where the net of total power from nuclear reactions beyond hydrogen burning minus neutrino losses from all sources reaches the break-even point.



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