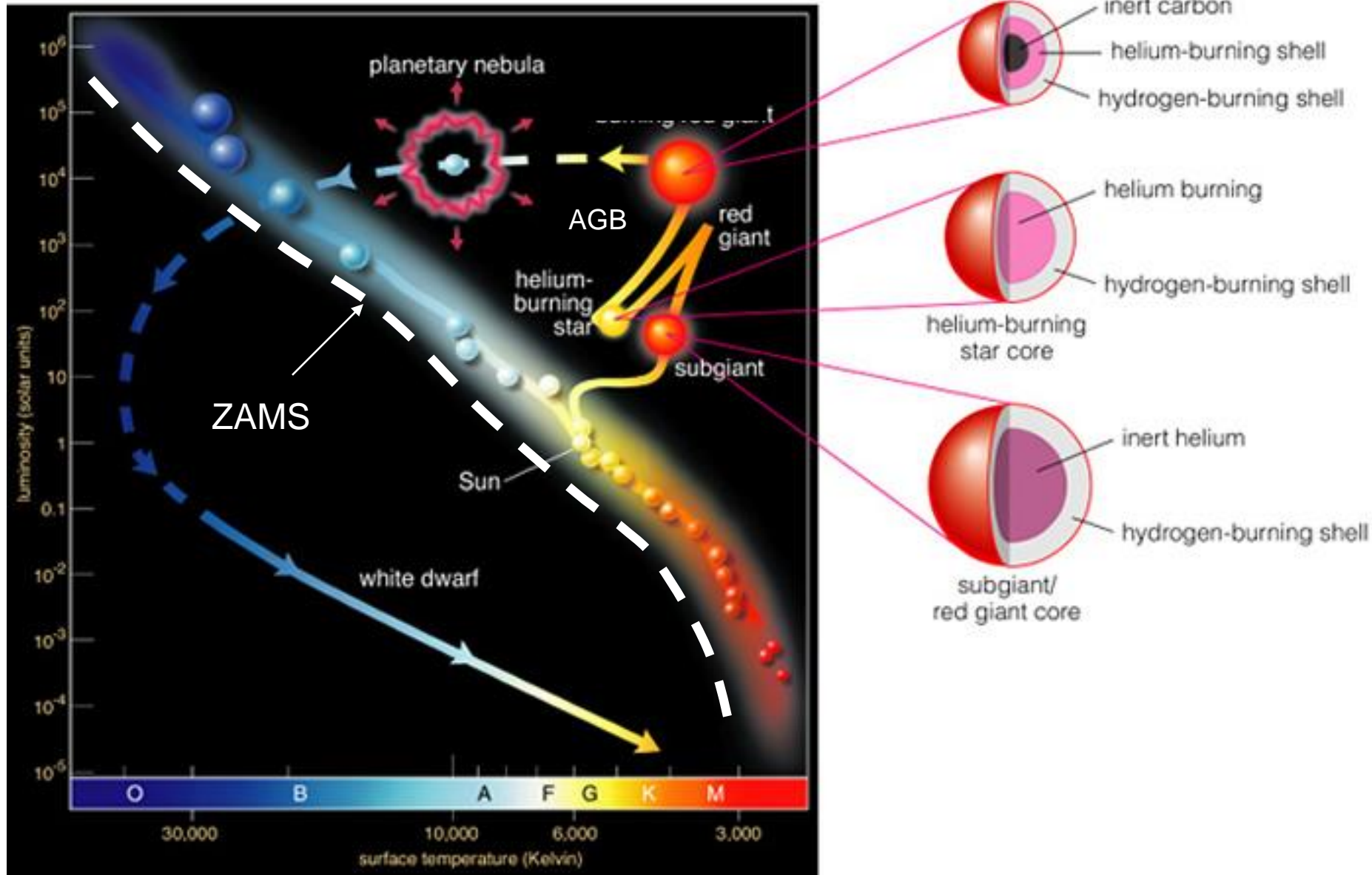


Evolution of a one solar mass star in the Hertzsprung- Russell Diagram:





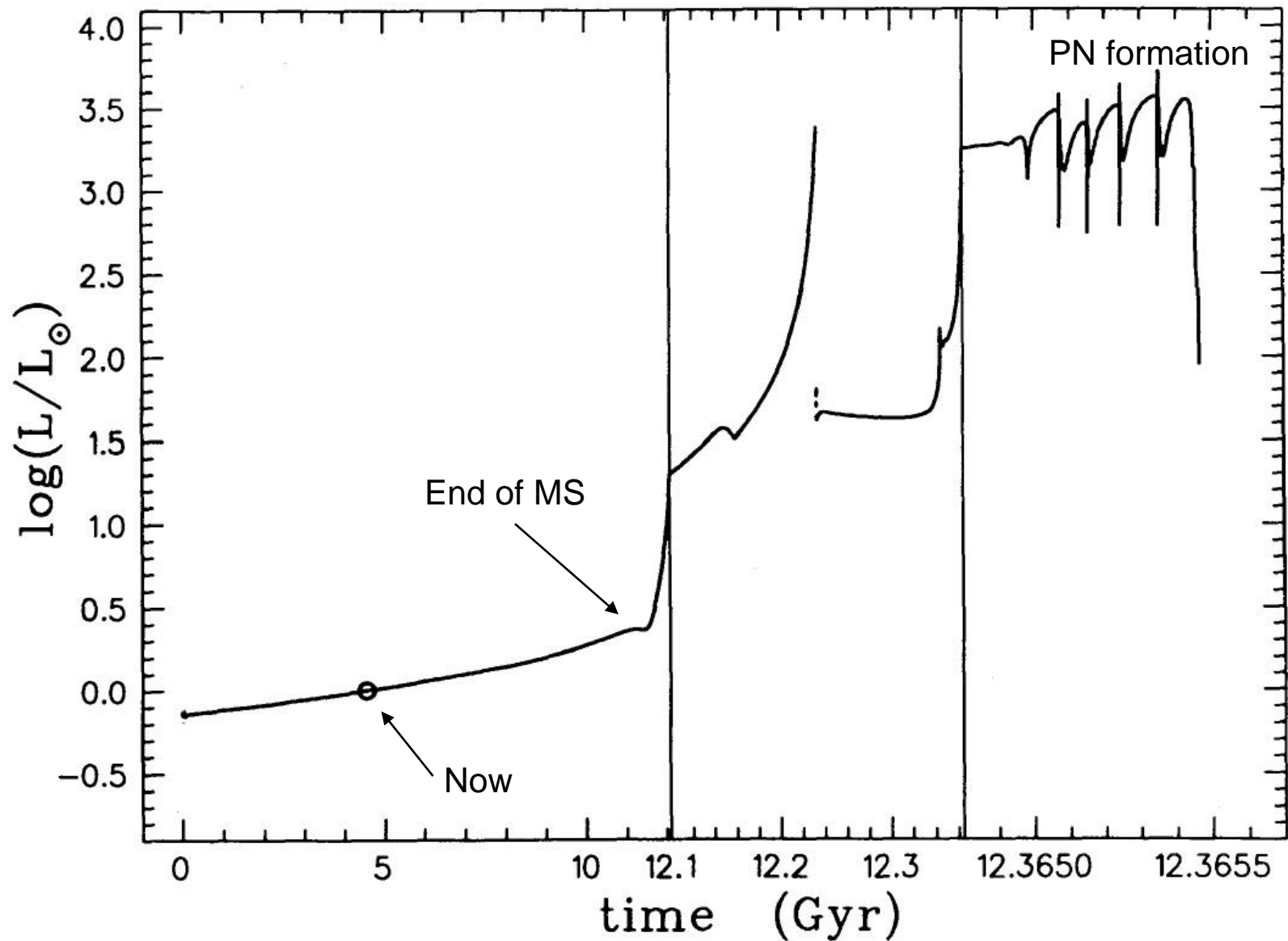
The Sun



The Earth

Red Giant

Evolution of Solar Luminosity (Sackmann et al., 1993)



Effect on Habitable Zones

