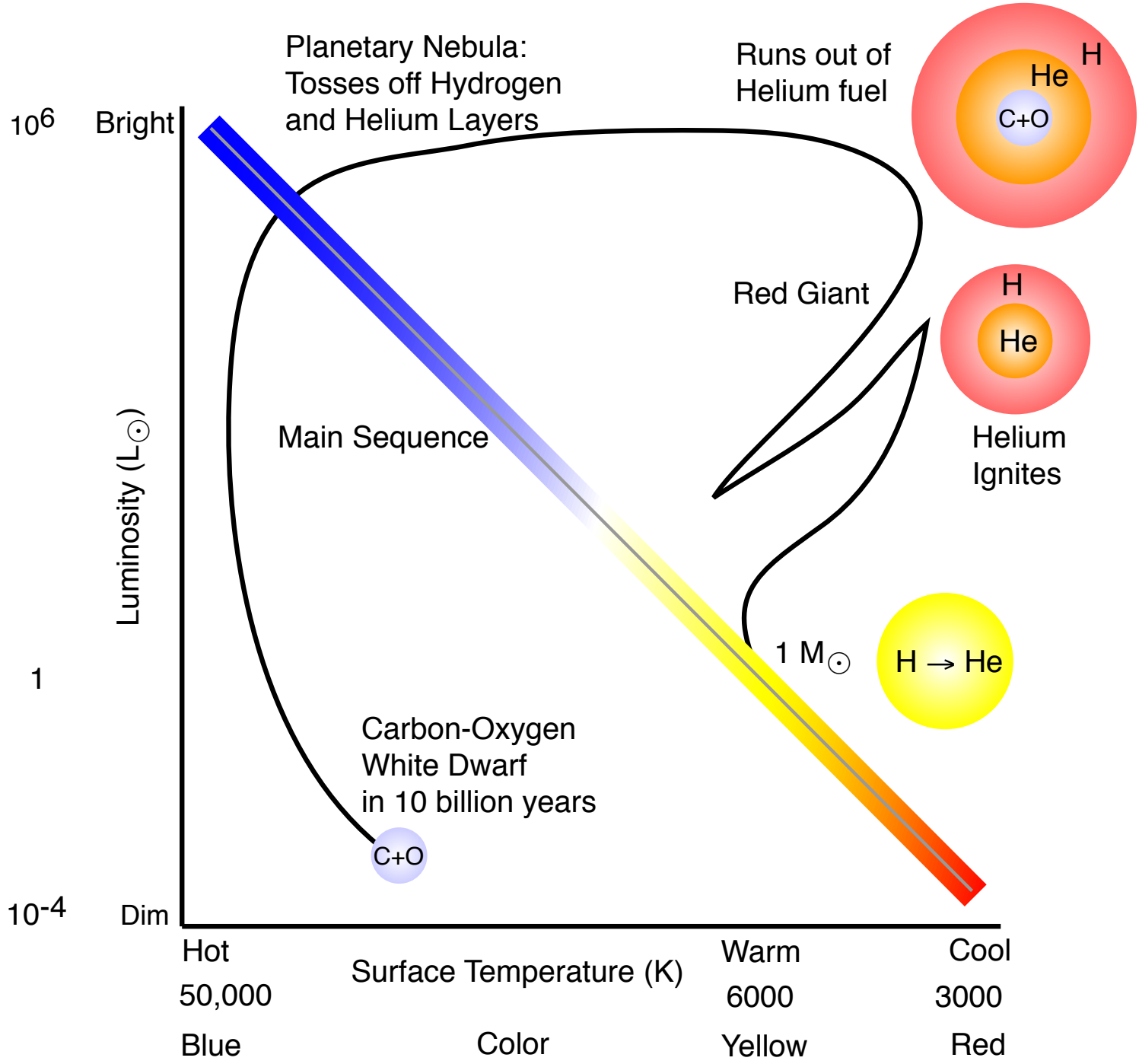
Planetary Nebula:
Tosses off Hydrogen
and Helium Layers
Runs out of
Helium fuel
H
He
C+O
10^6
Bright
Red Giant
H
He
Helium
Ignites
Main Sequence
Luminosity ($L_\odot$)
1 $M_\odot$
H → He
1
Carbon-Oxygen
White Dwarf
in 10 billion years
C+O
10^{-4}
Dim
Hot
50,000
Blue
Surface Temperature (K)
Color
Warm
6000
Yellow
Cool
3000
Red