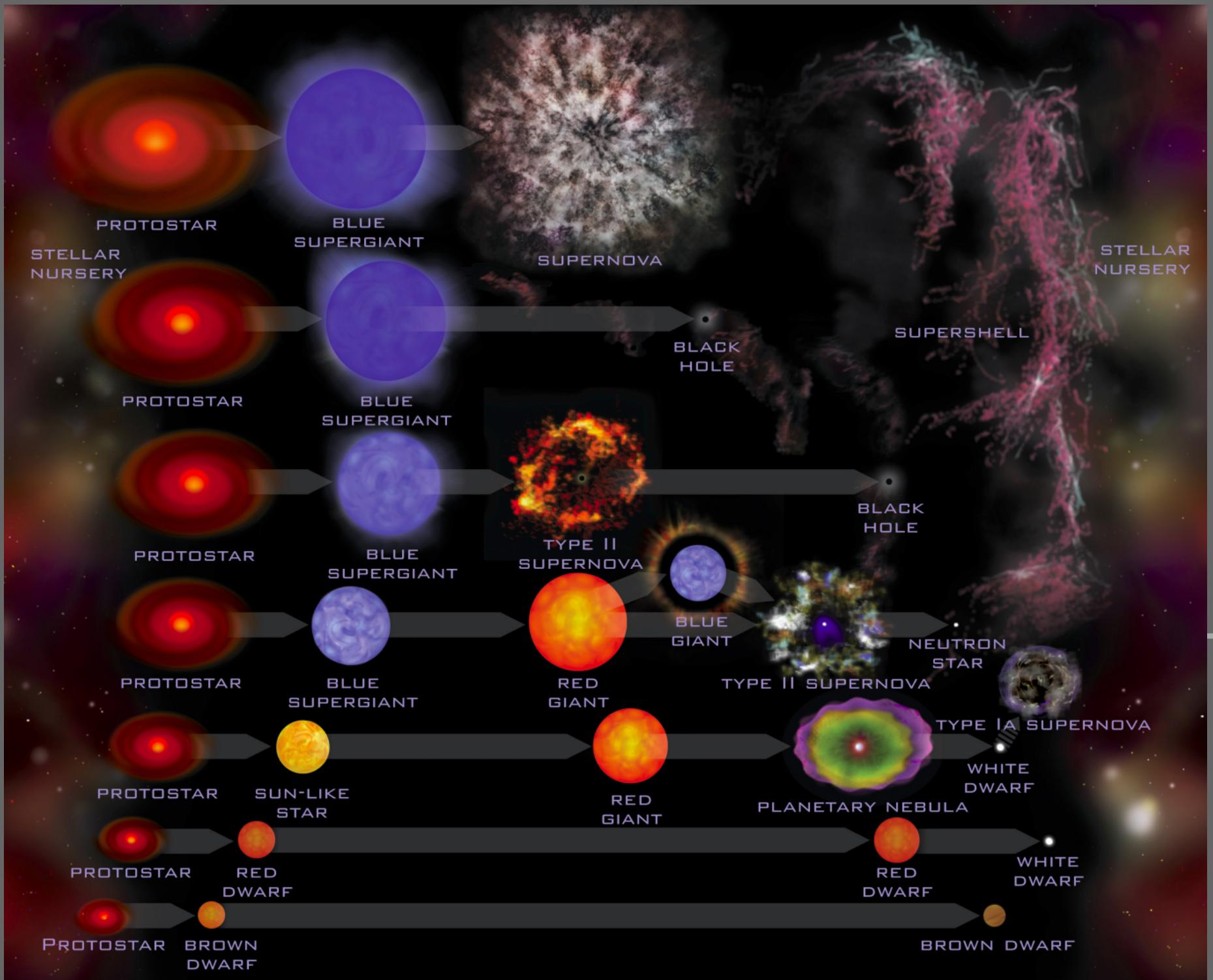




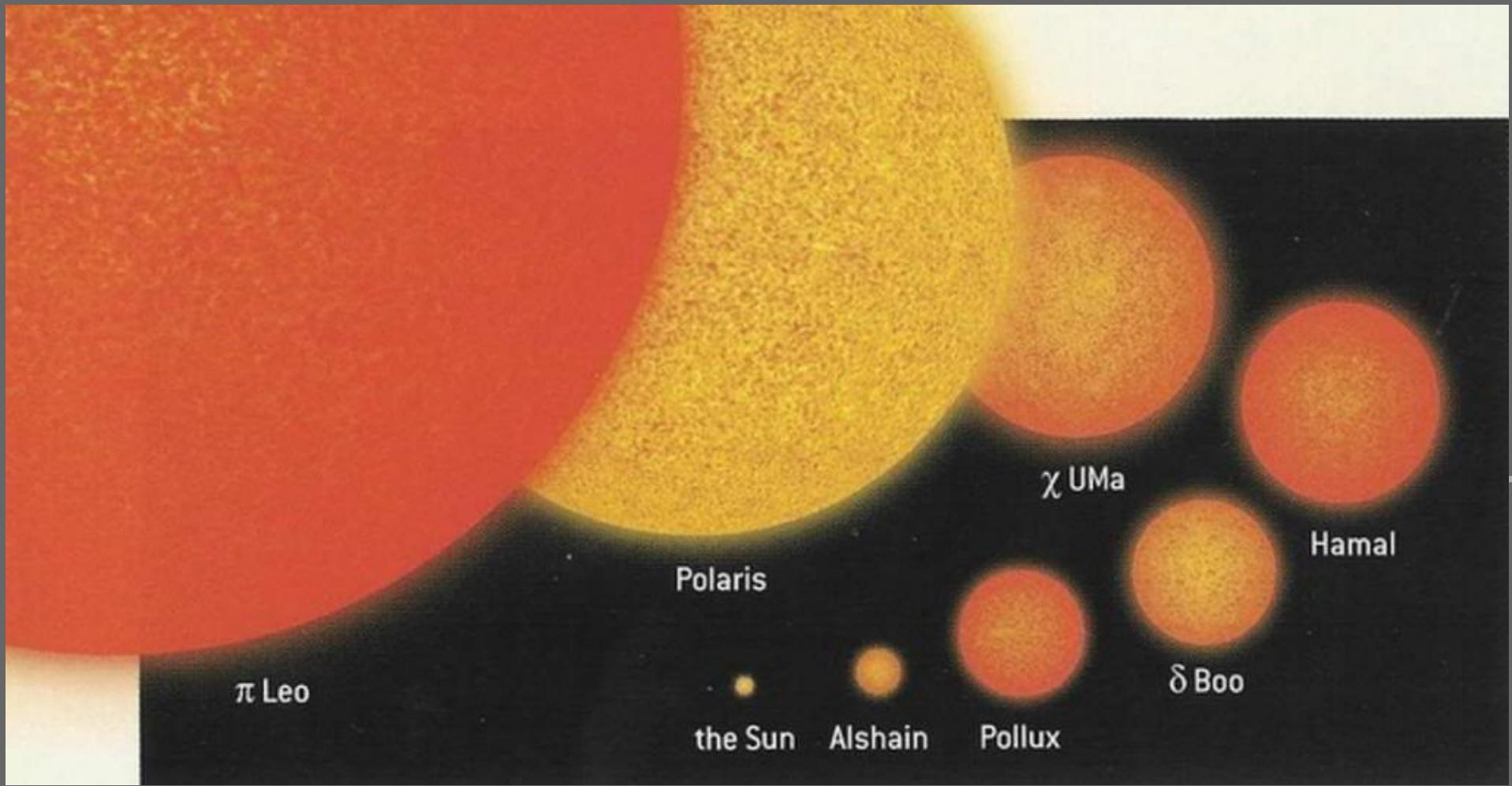
Simón Ángel – Roberto Muñoz

# Astronomía en la era de la información – Clase 3





# El Sol: (no es) una estrella más

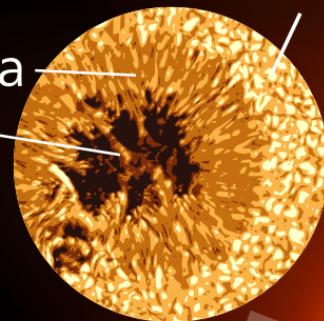


# the SUN

layers drawn to scale

Sunspot  
Penumbra  
Umbra

Granule



Photosphere

Temperature minimum

Chromosphere

Transition region

Convective zone

Radiative zone

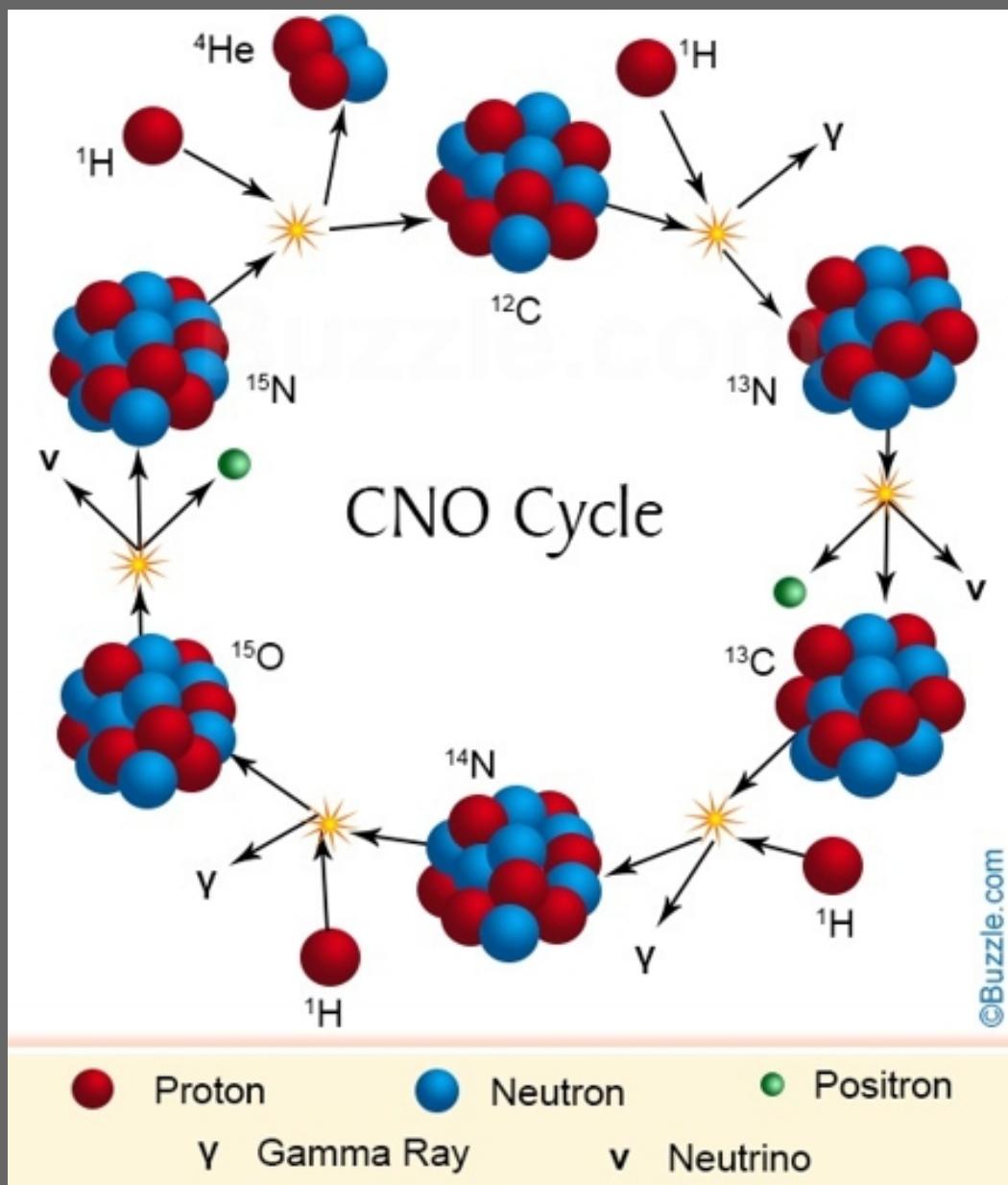
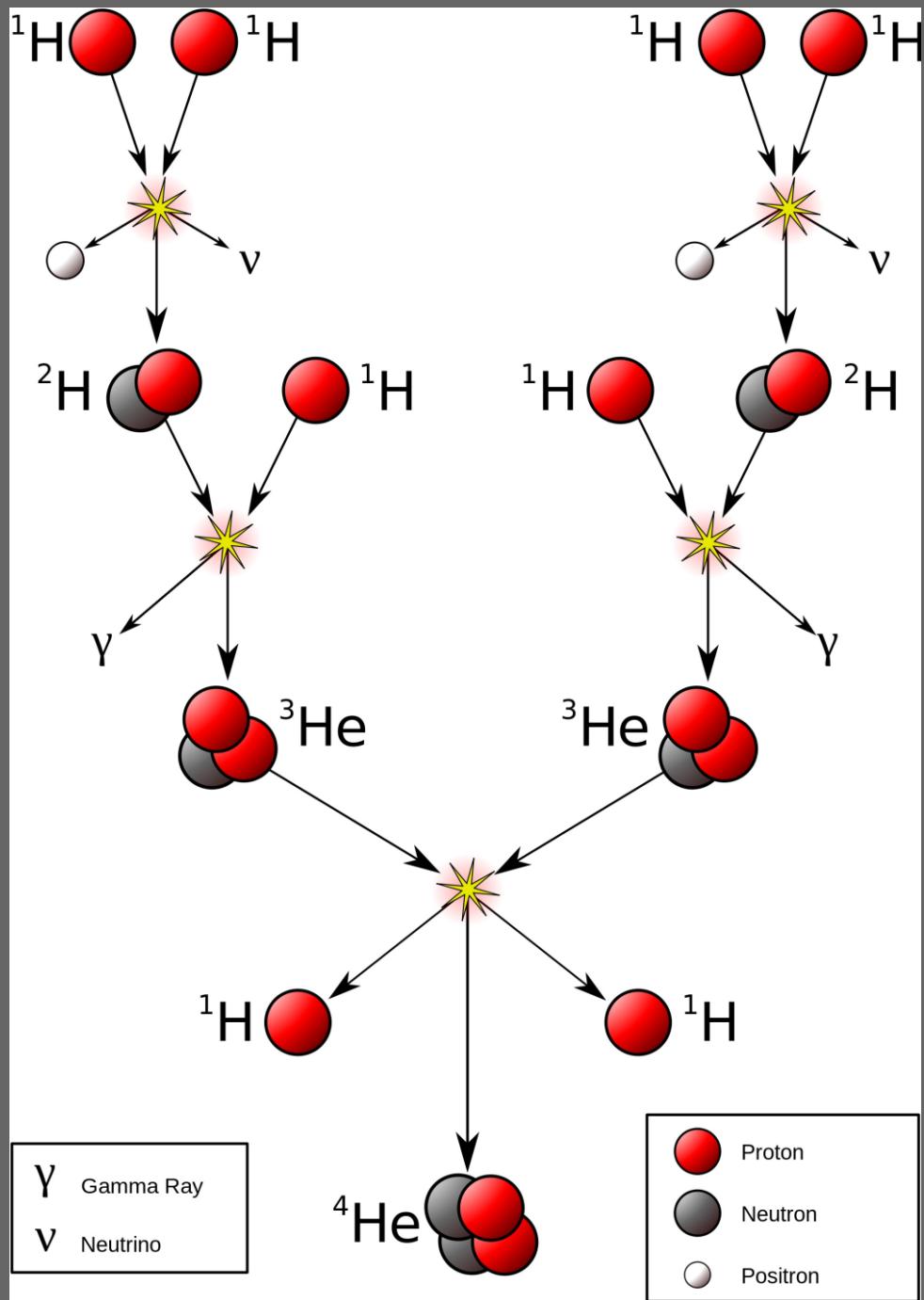
Core

Tachocline

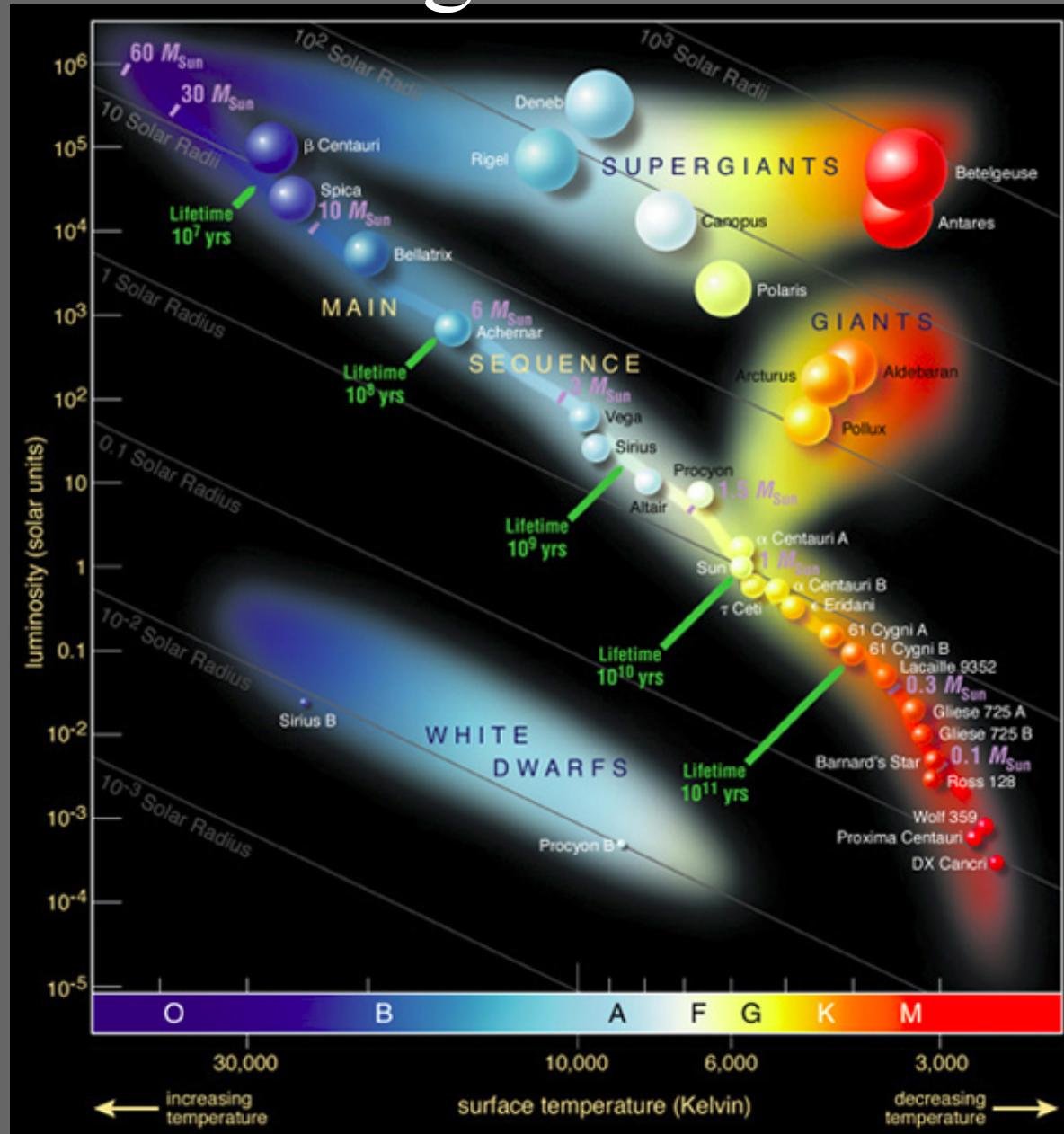
Corona

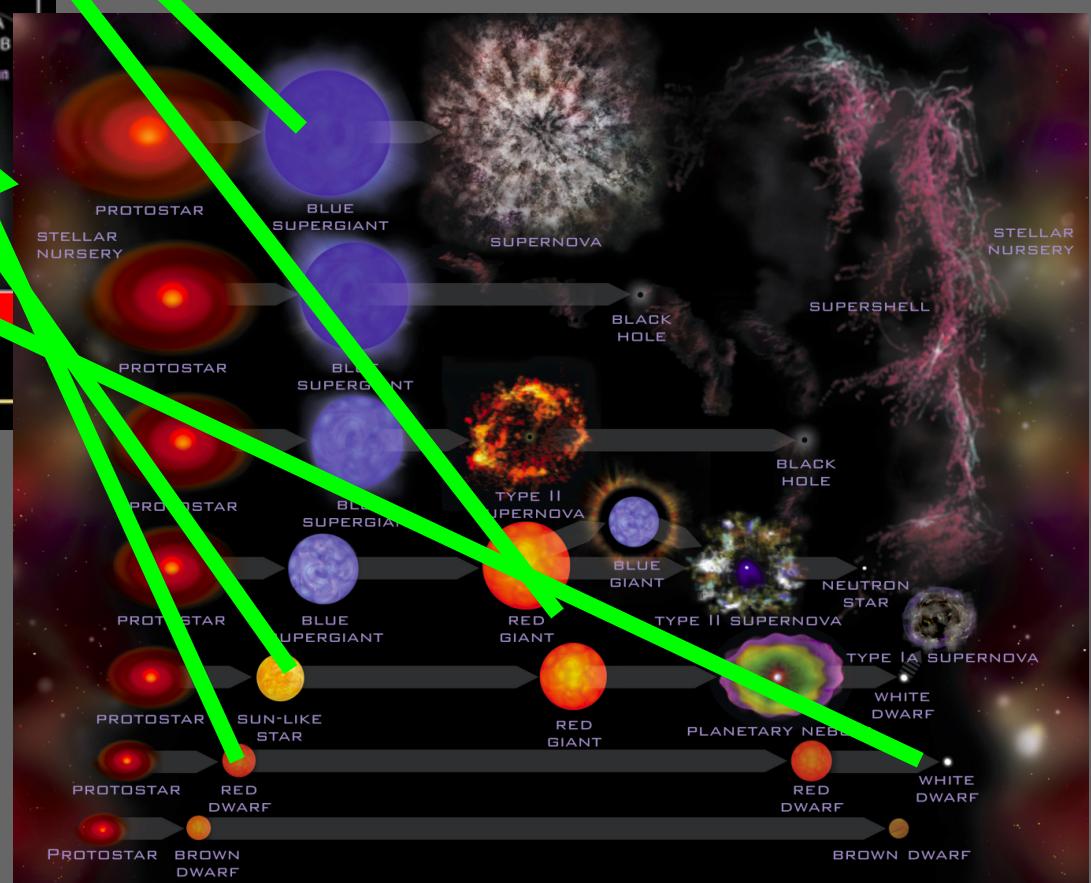
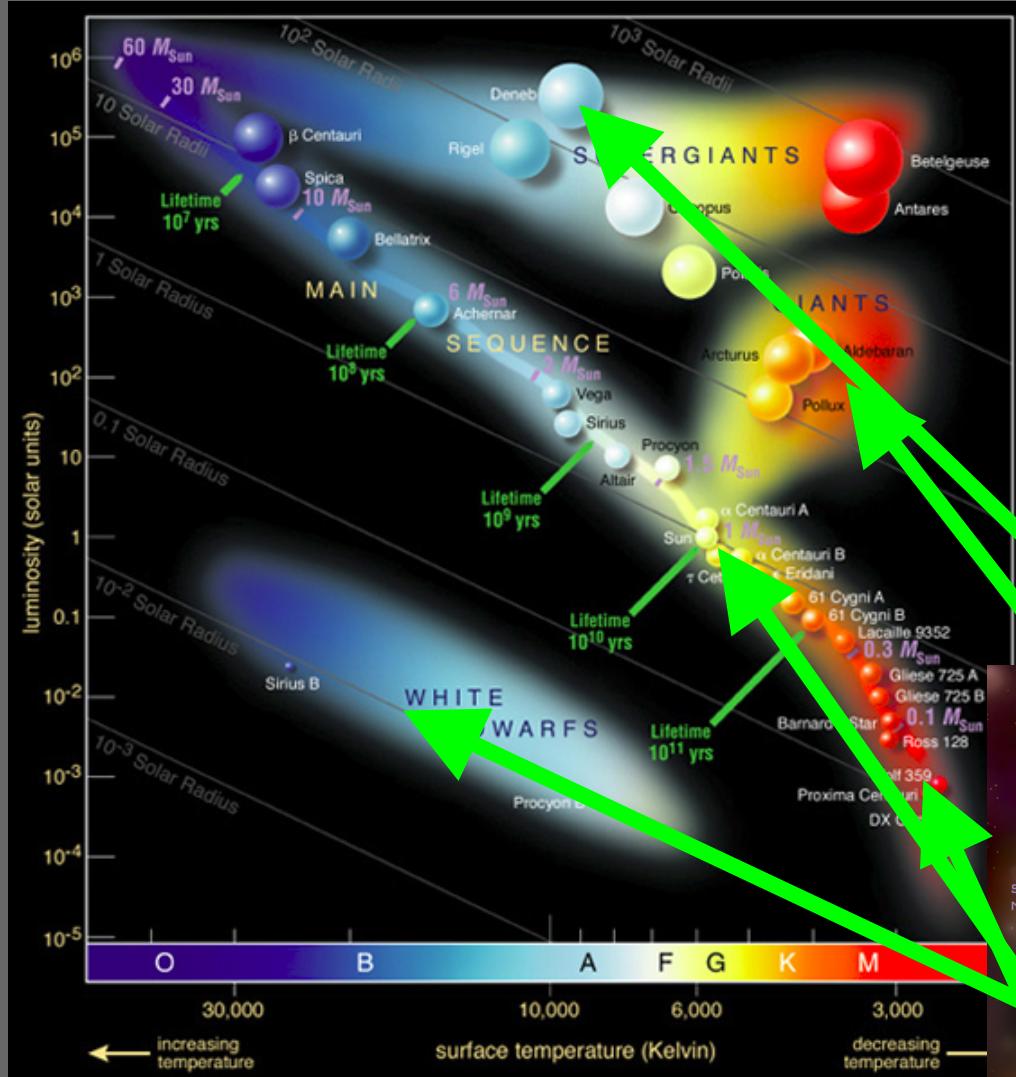
Flare

Prominence

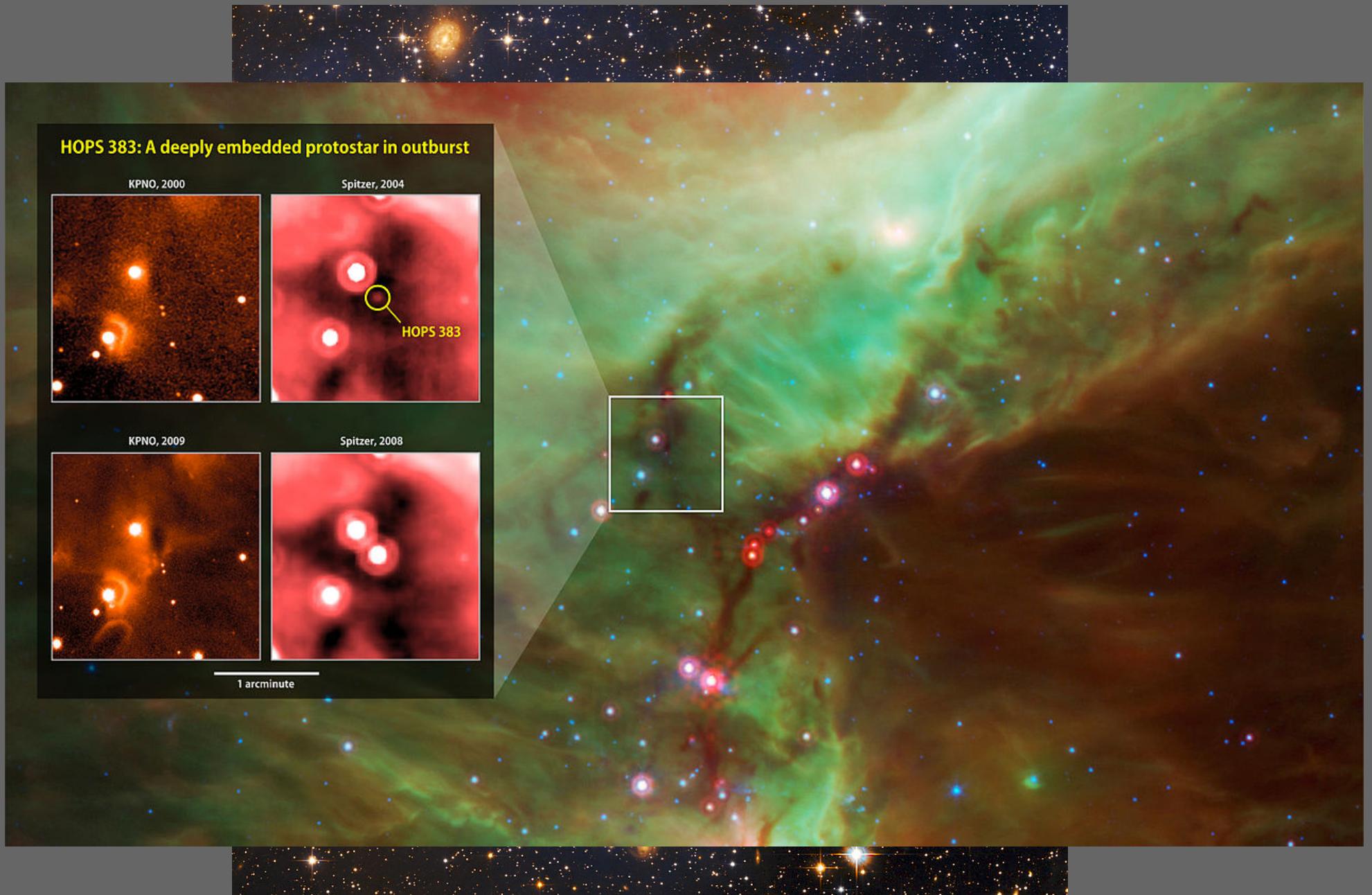


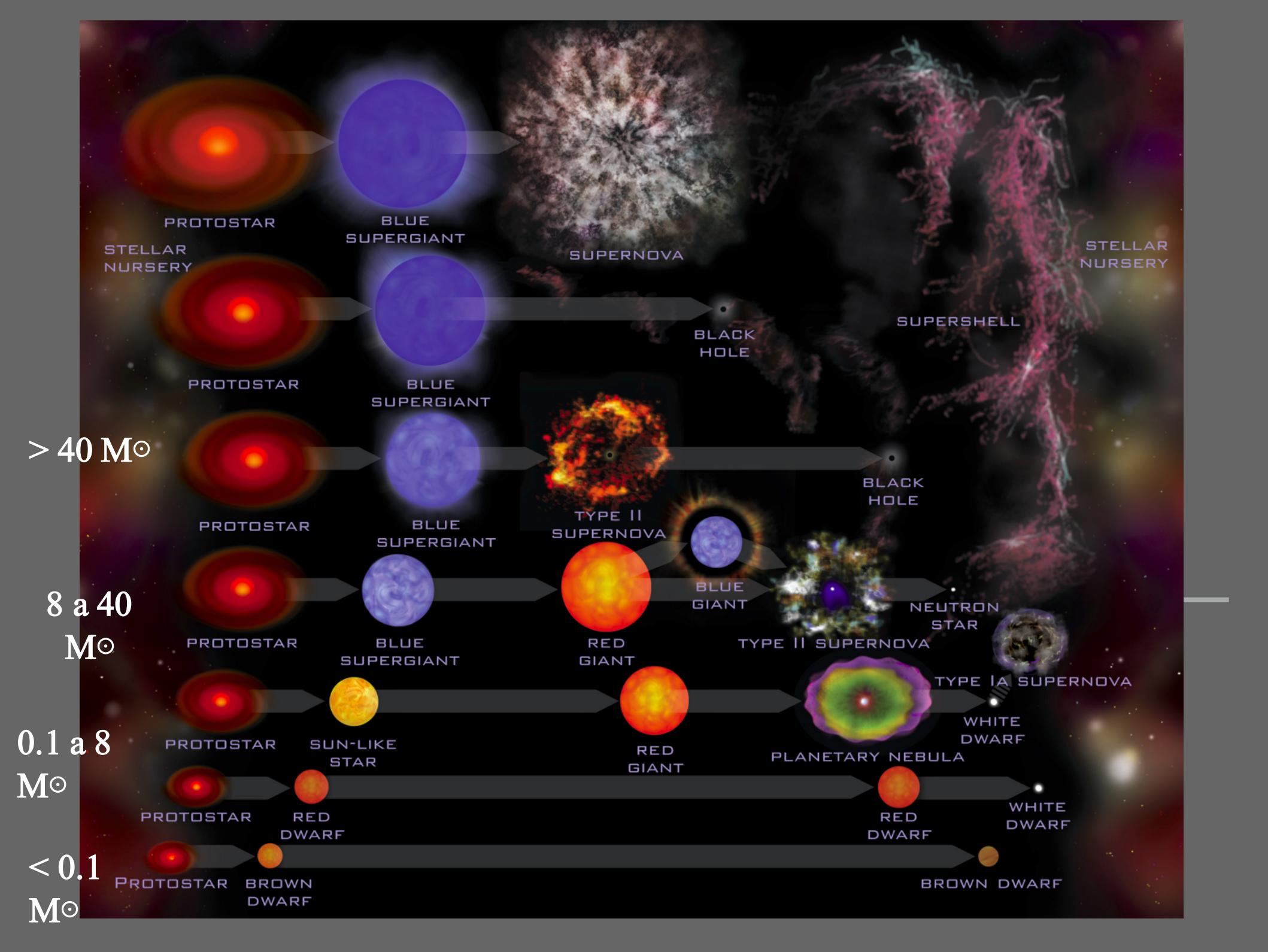
# ¿Cómo catalogamos a las estrellas ?



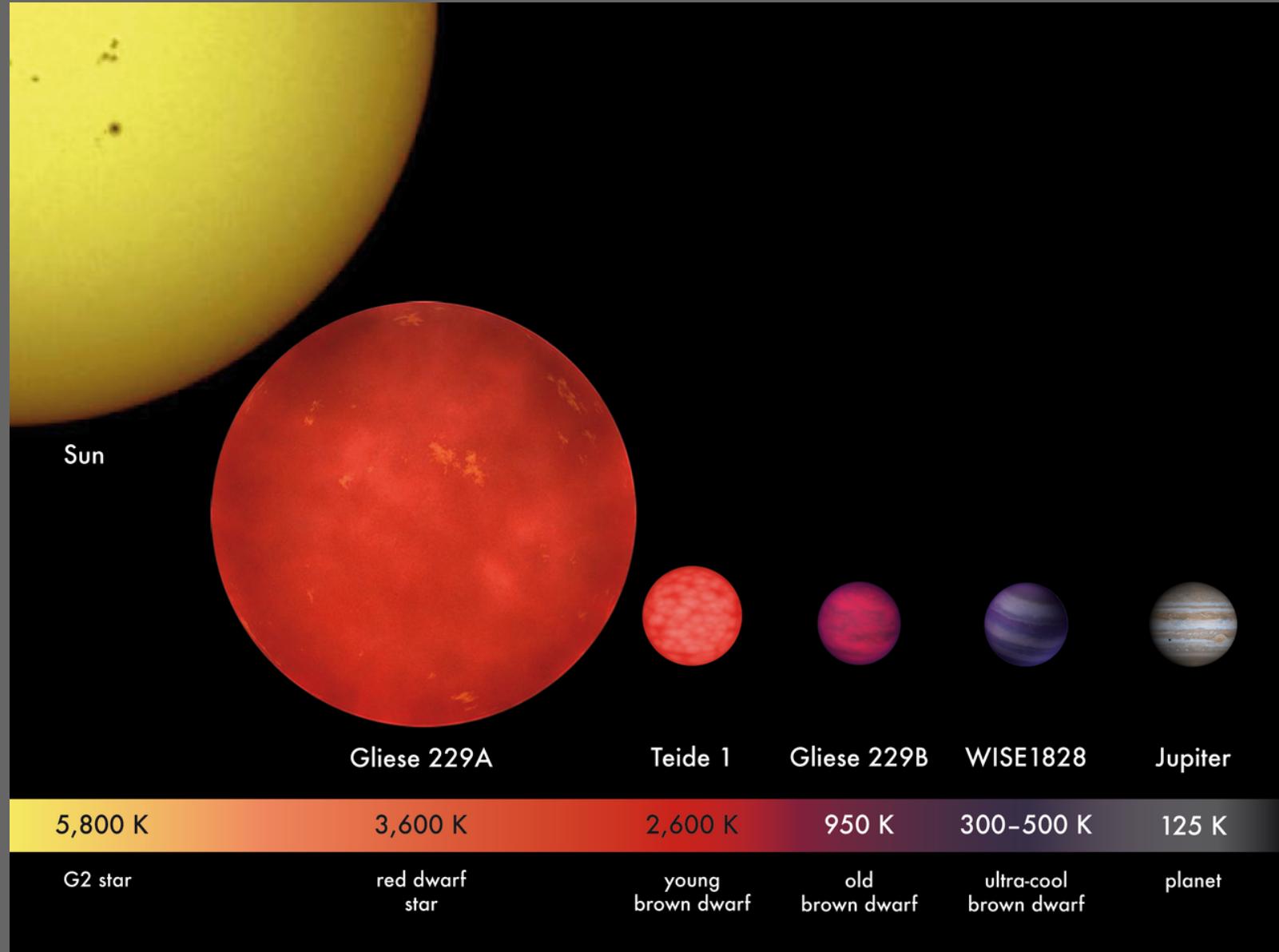


# Formación estelar

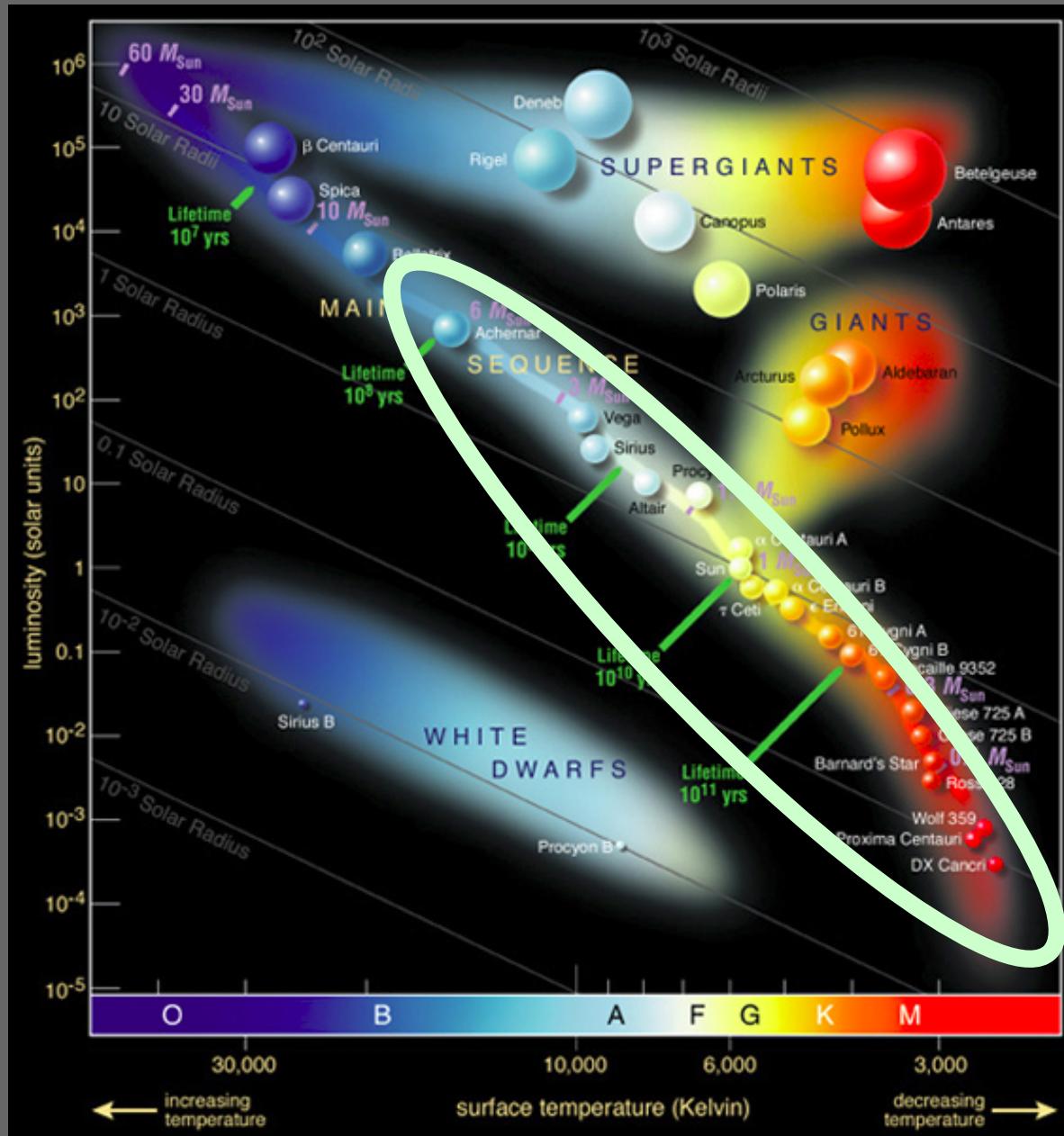




# Enanas marrones: más frías que una taza de café



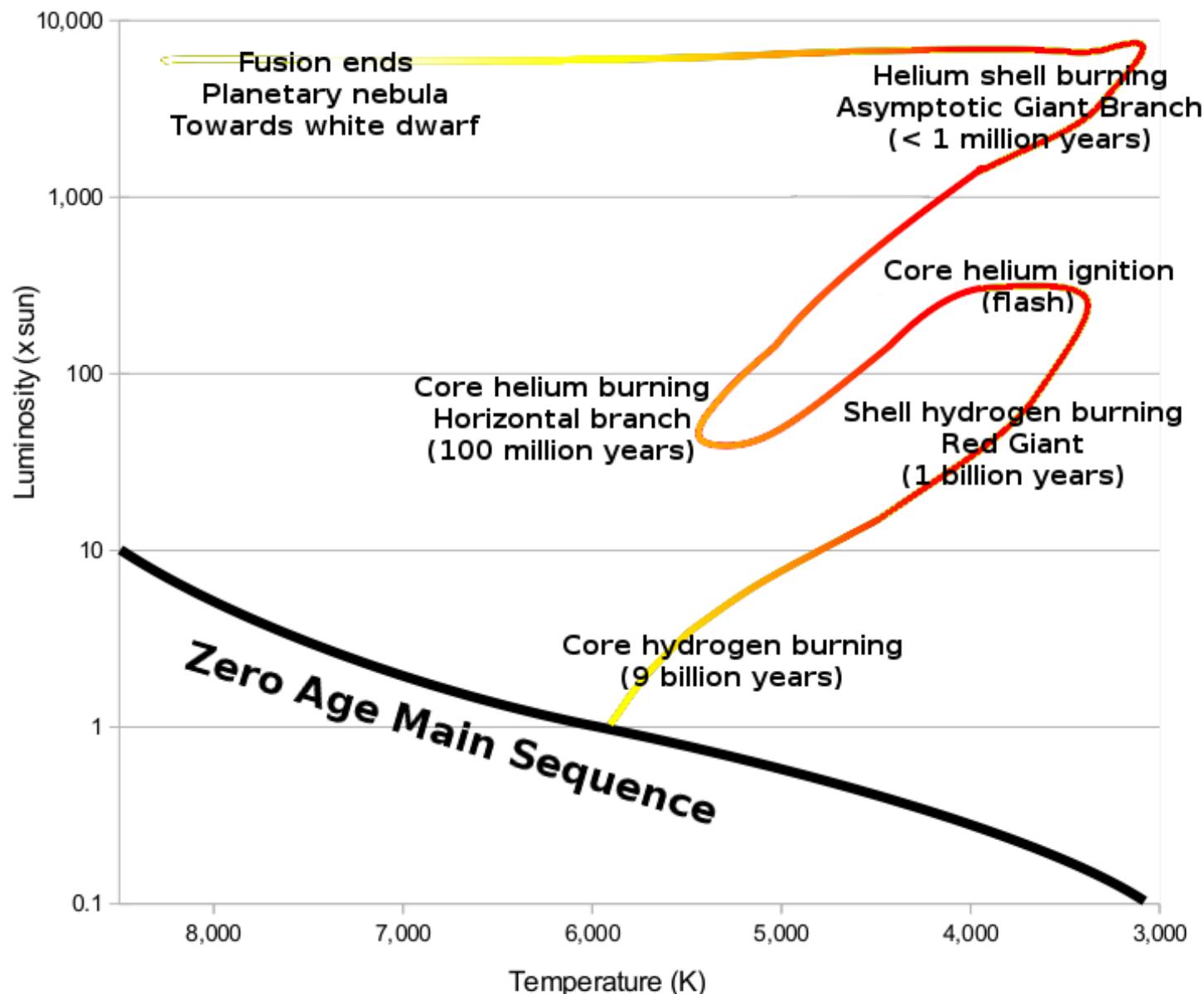
# Estrellas de masa baja/intermedia



0.1 a 8  
 $M_{\odot}$

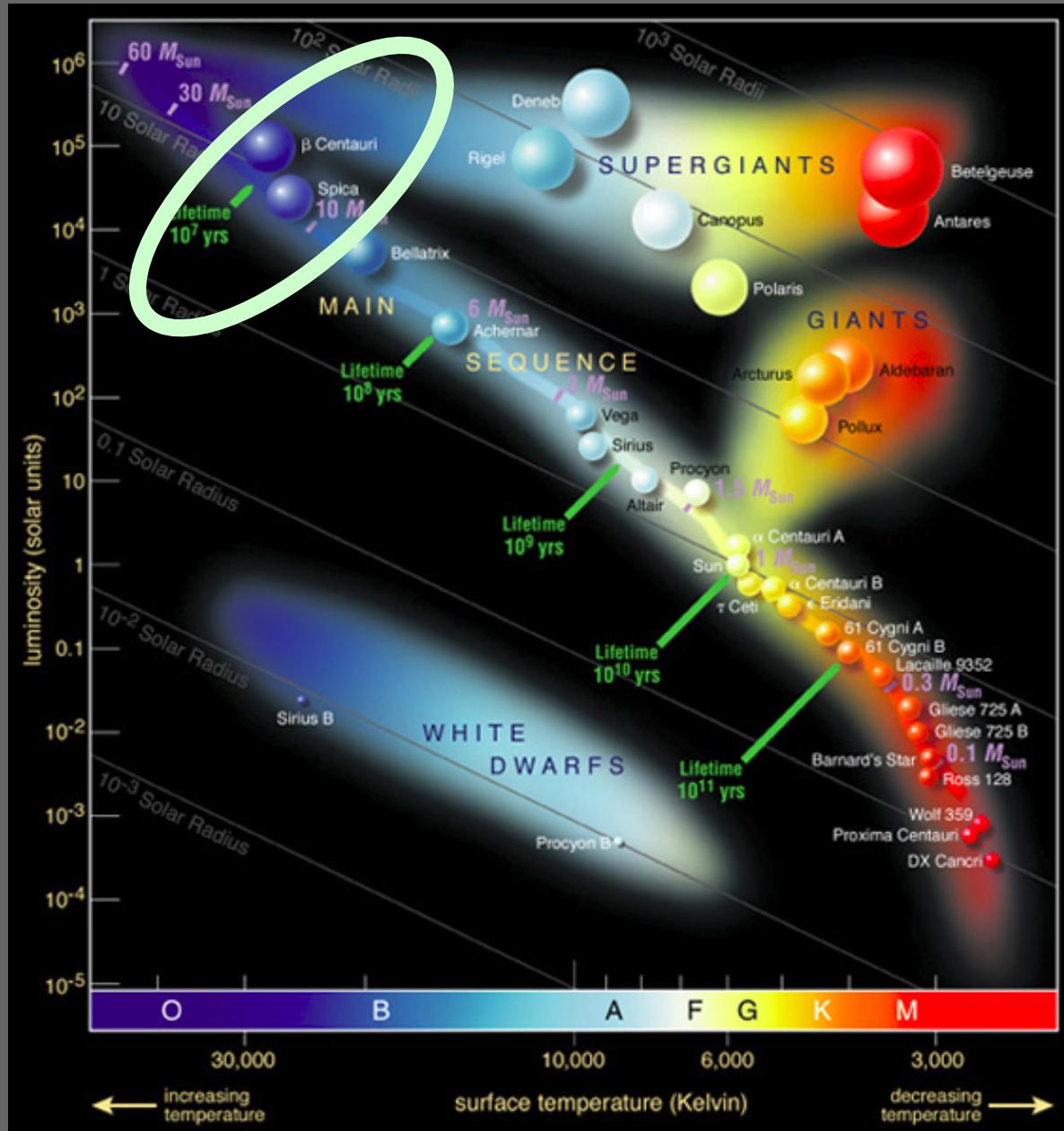
## Evolution of the Sun

from main sequence to end of fusion



# Estrellas de masa alta

$> 8 M_{\odot}$



# Remanentes estelares

