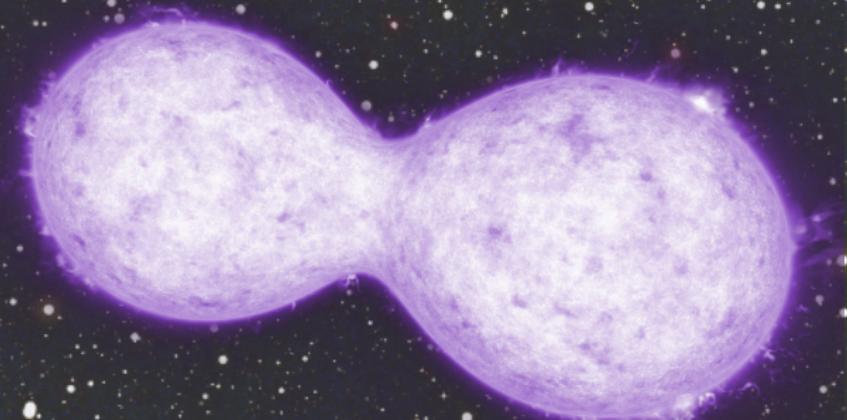
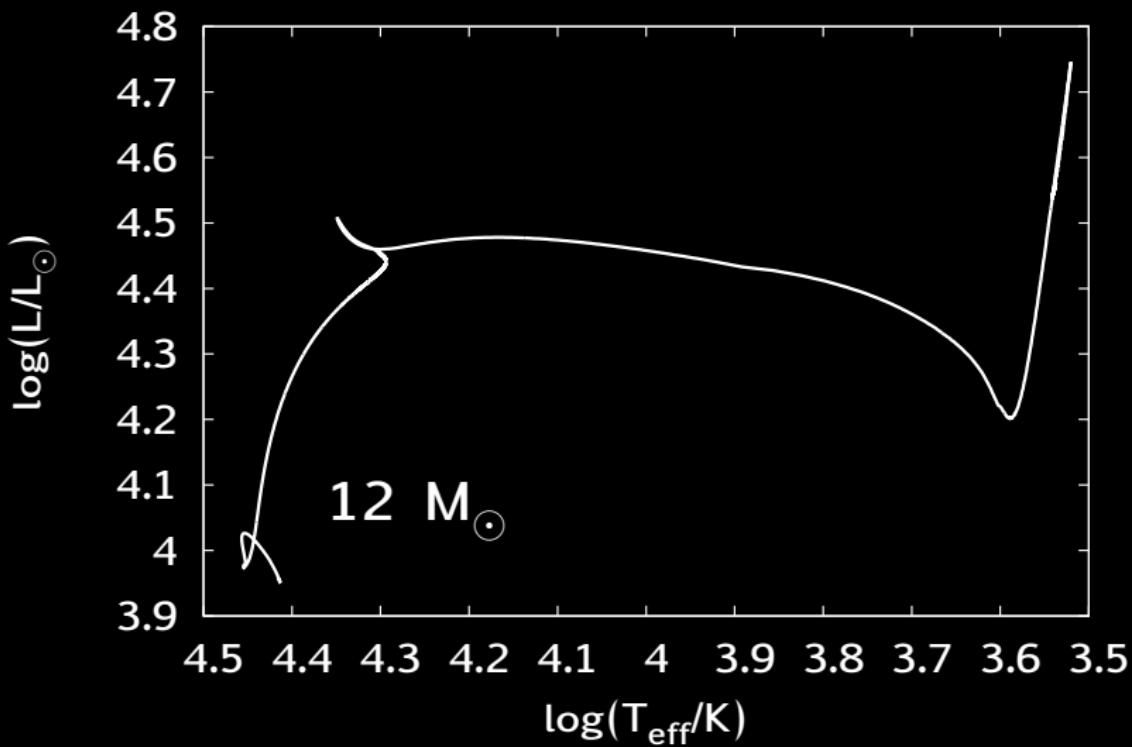


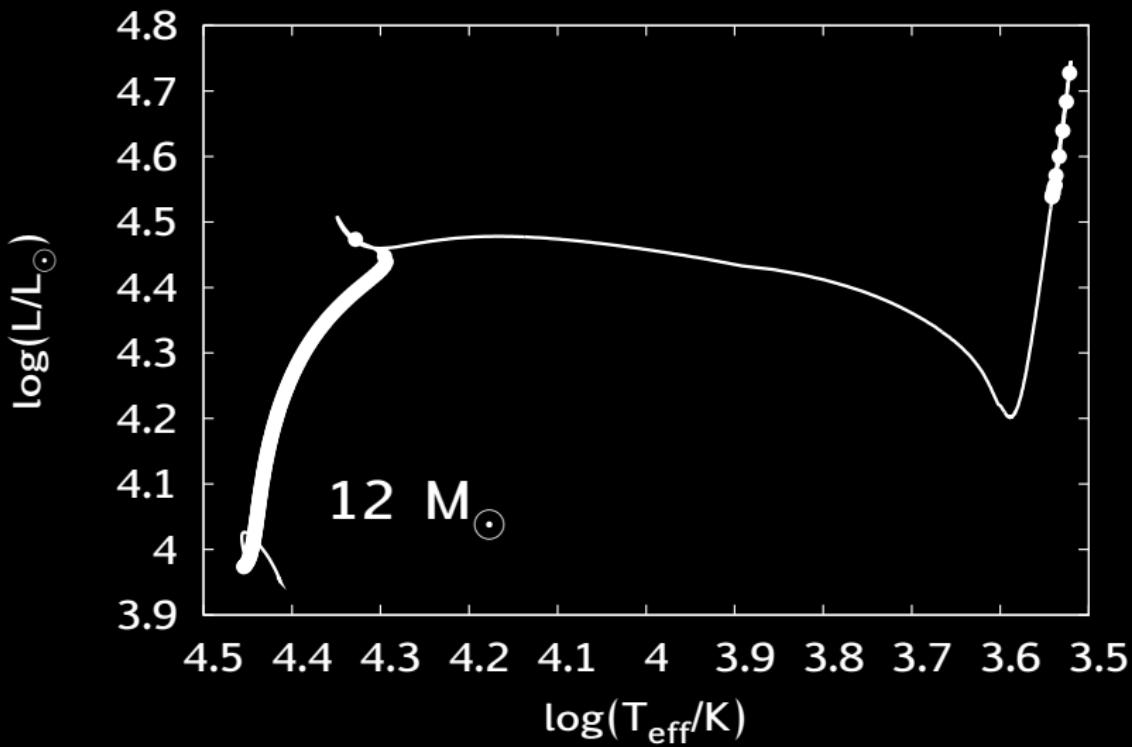
The first, and second, and third...
massive stellar generations in the early Universe

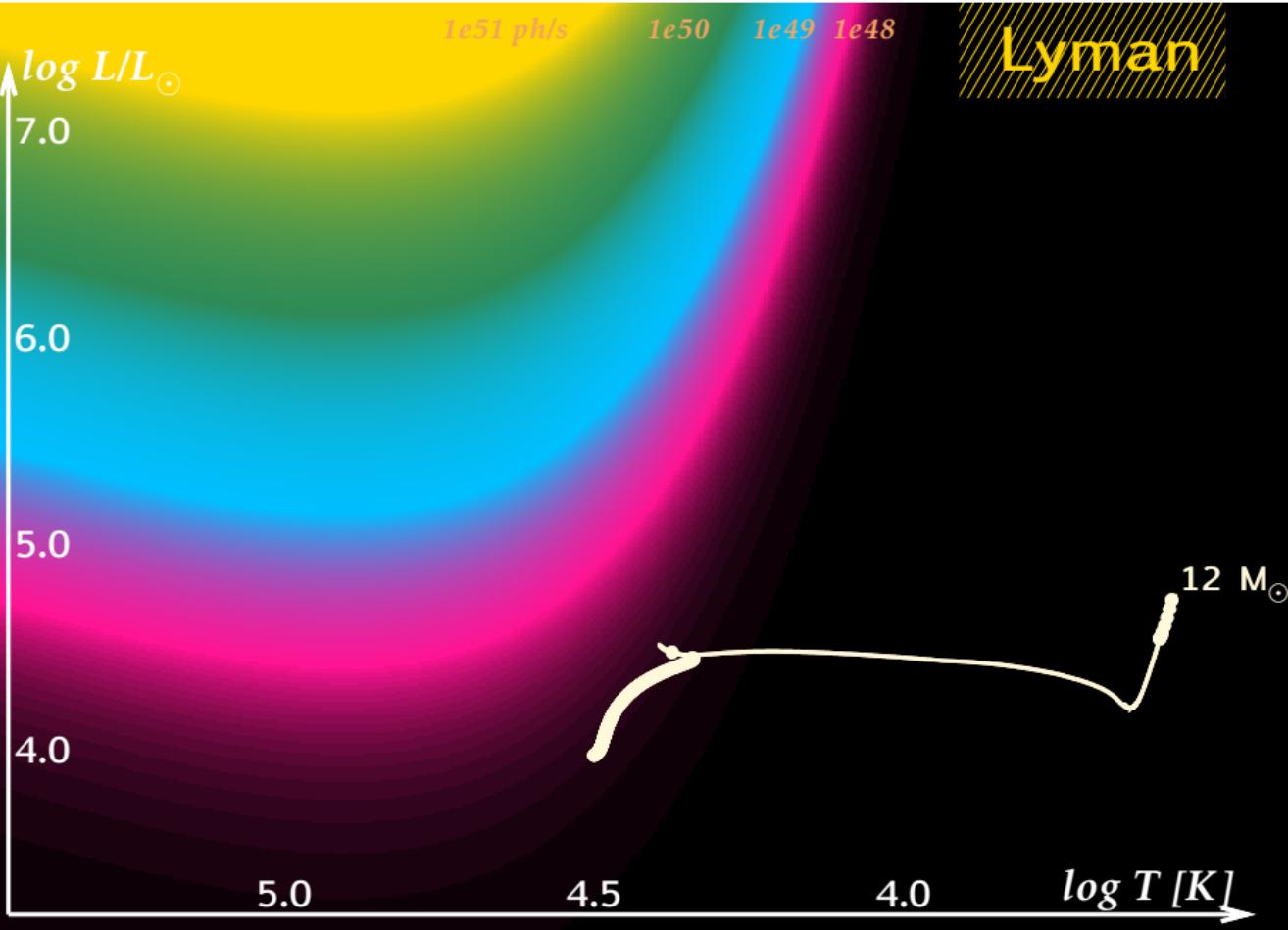
Dorottya Szécsi

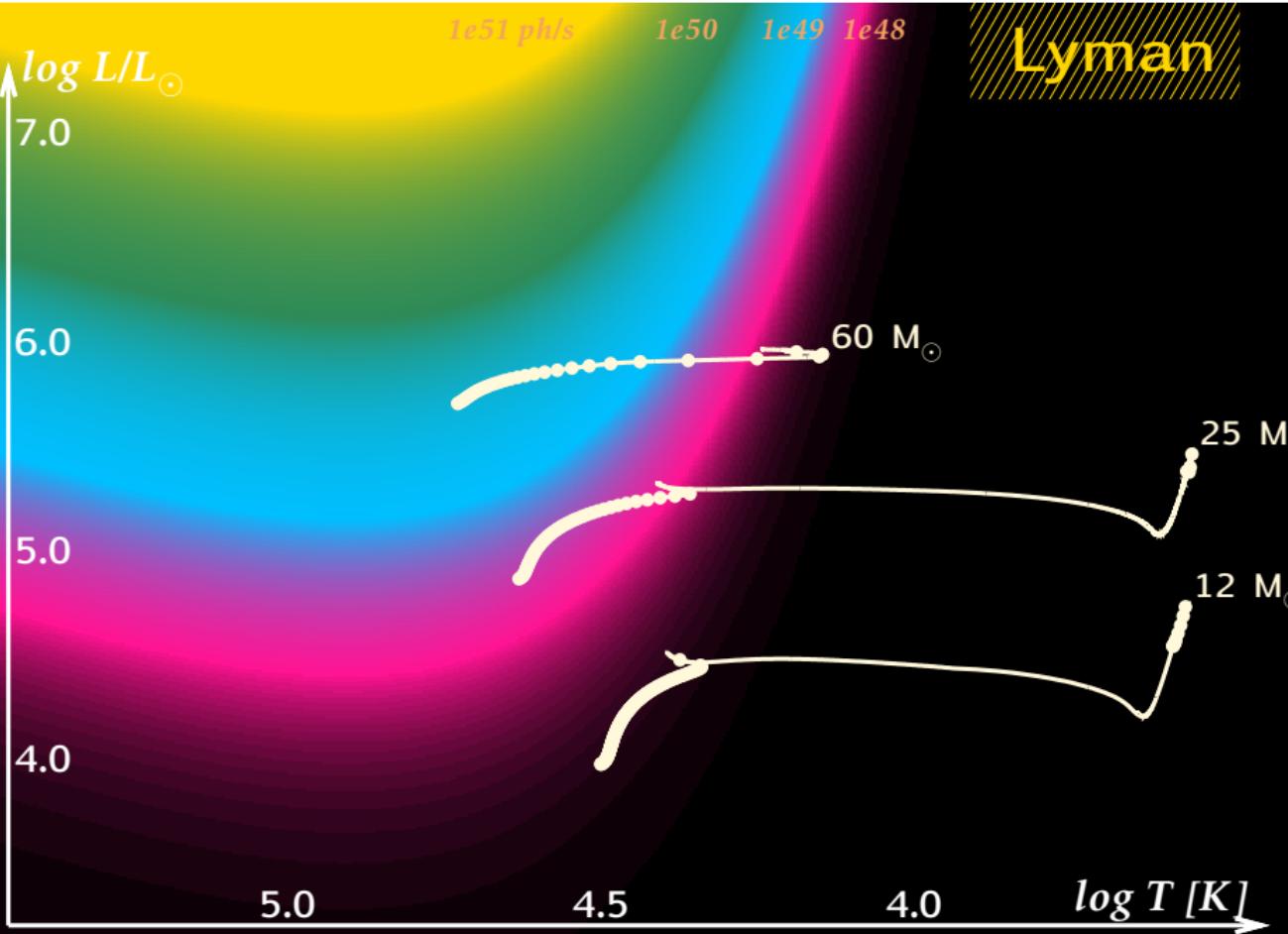


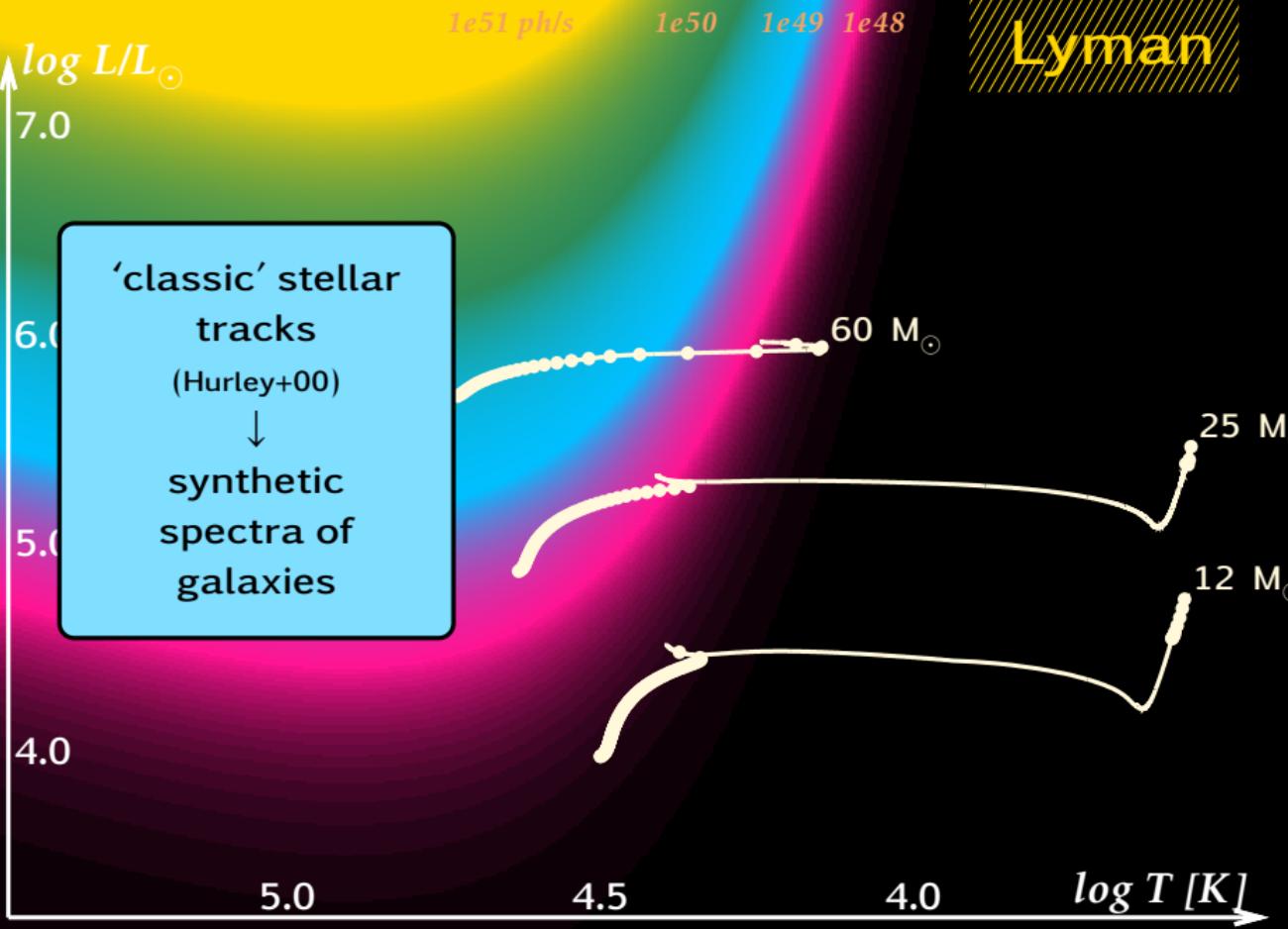
School of Physics & Astro – Inst. of Gravitational Wave Astronomy
University of Birmingham, UK

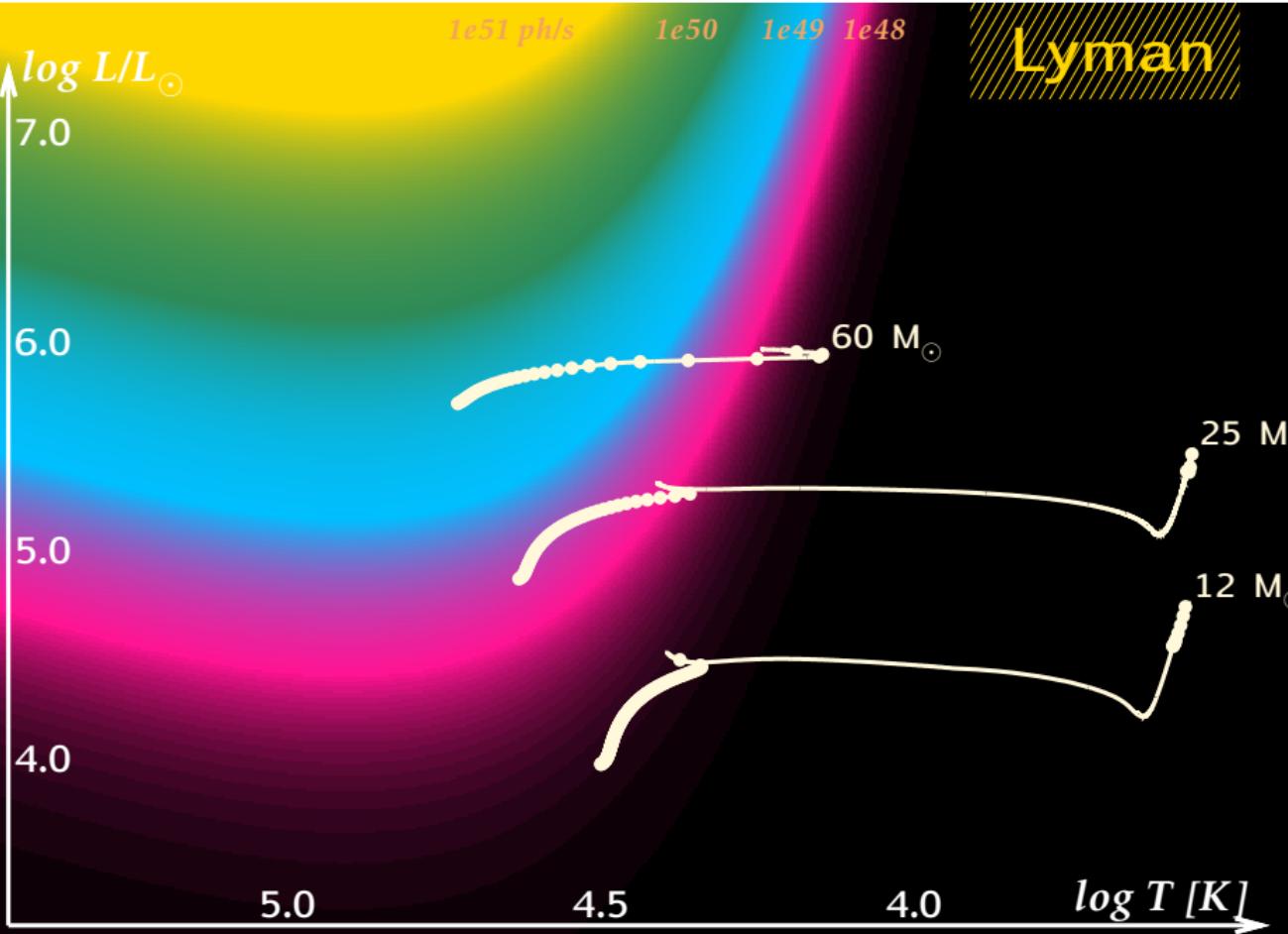


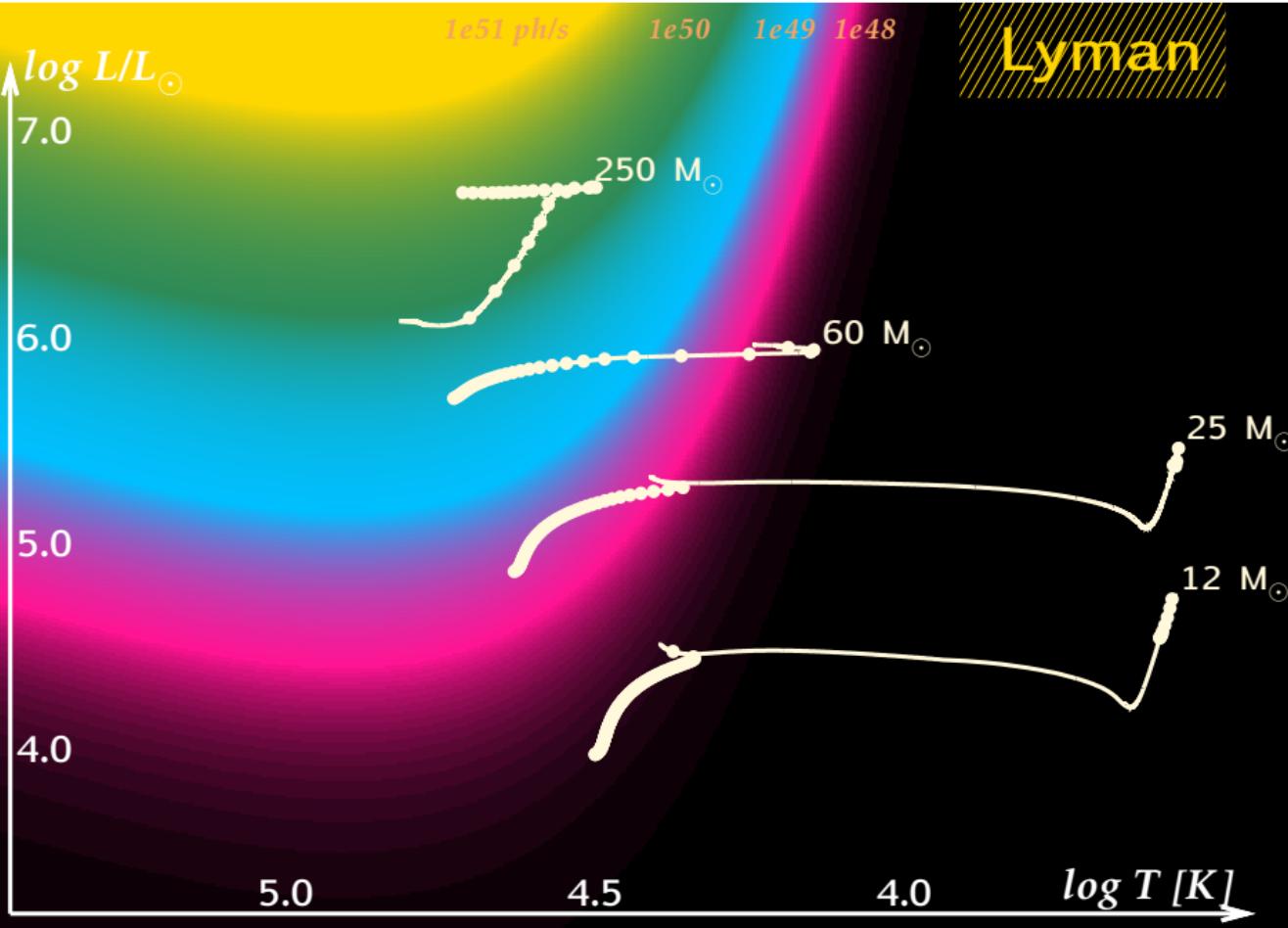


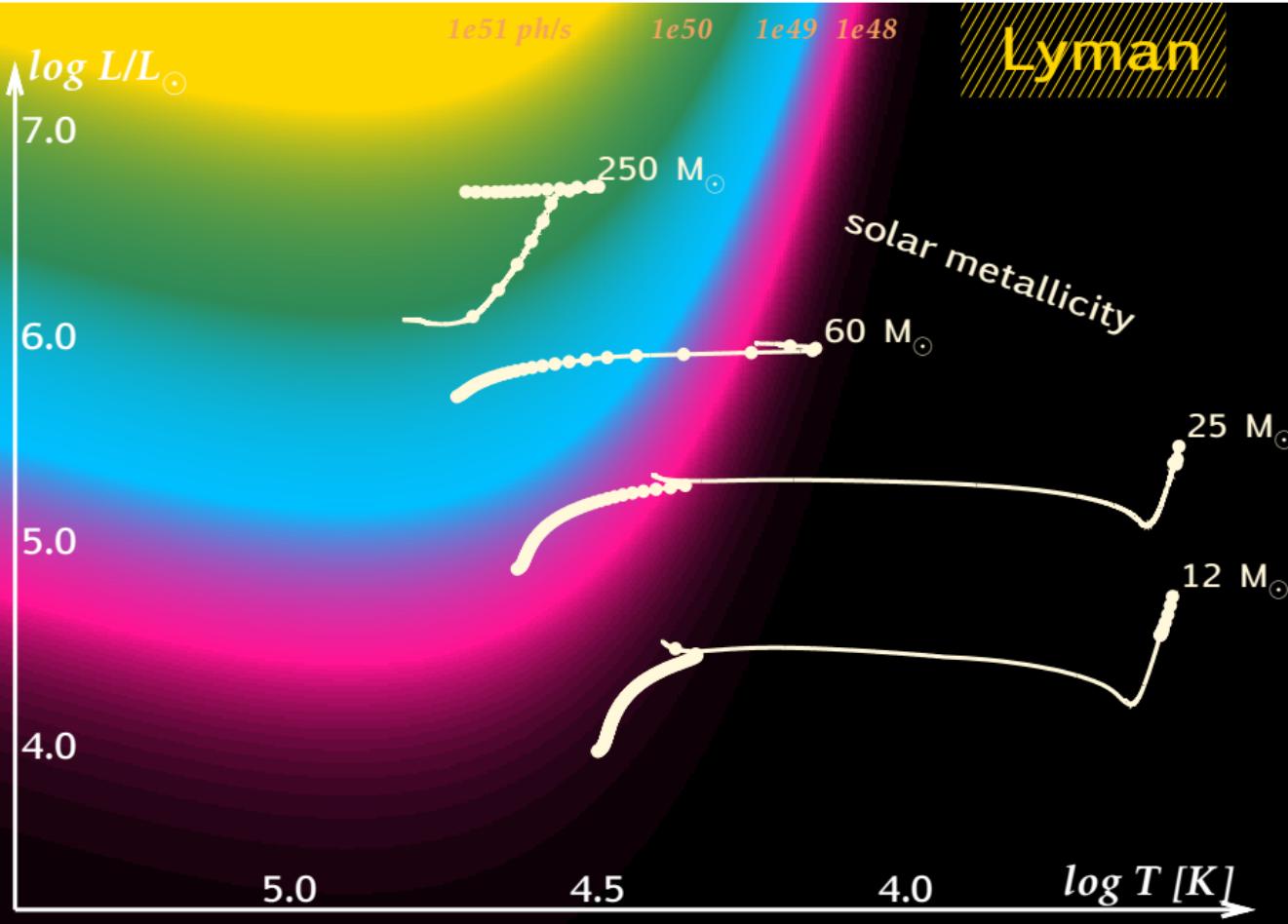


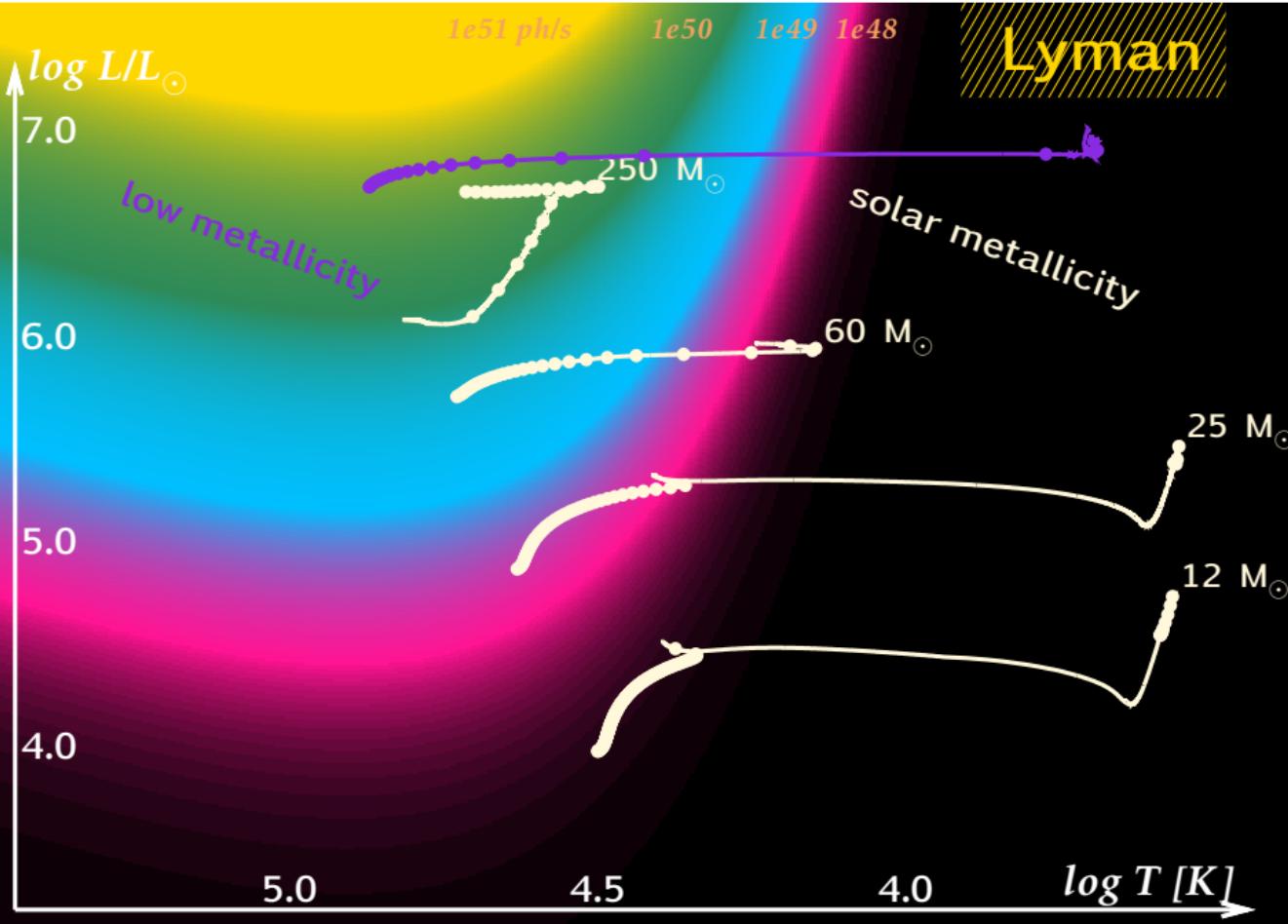


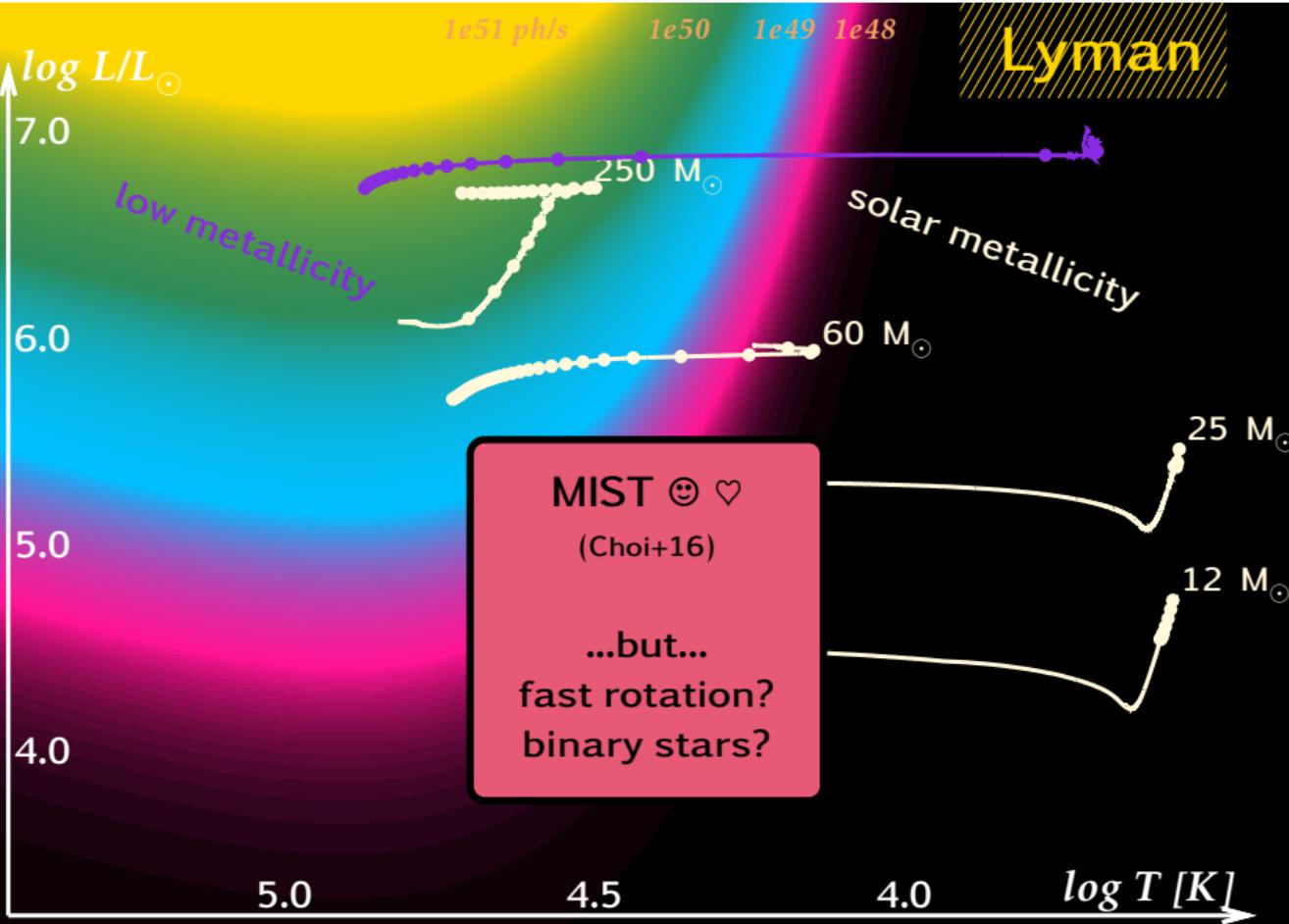


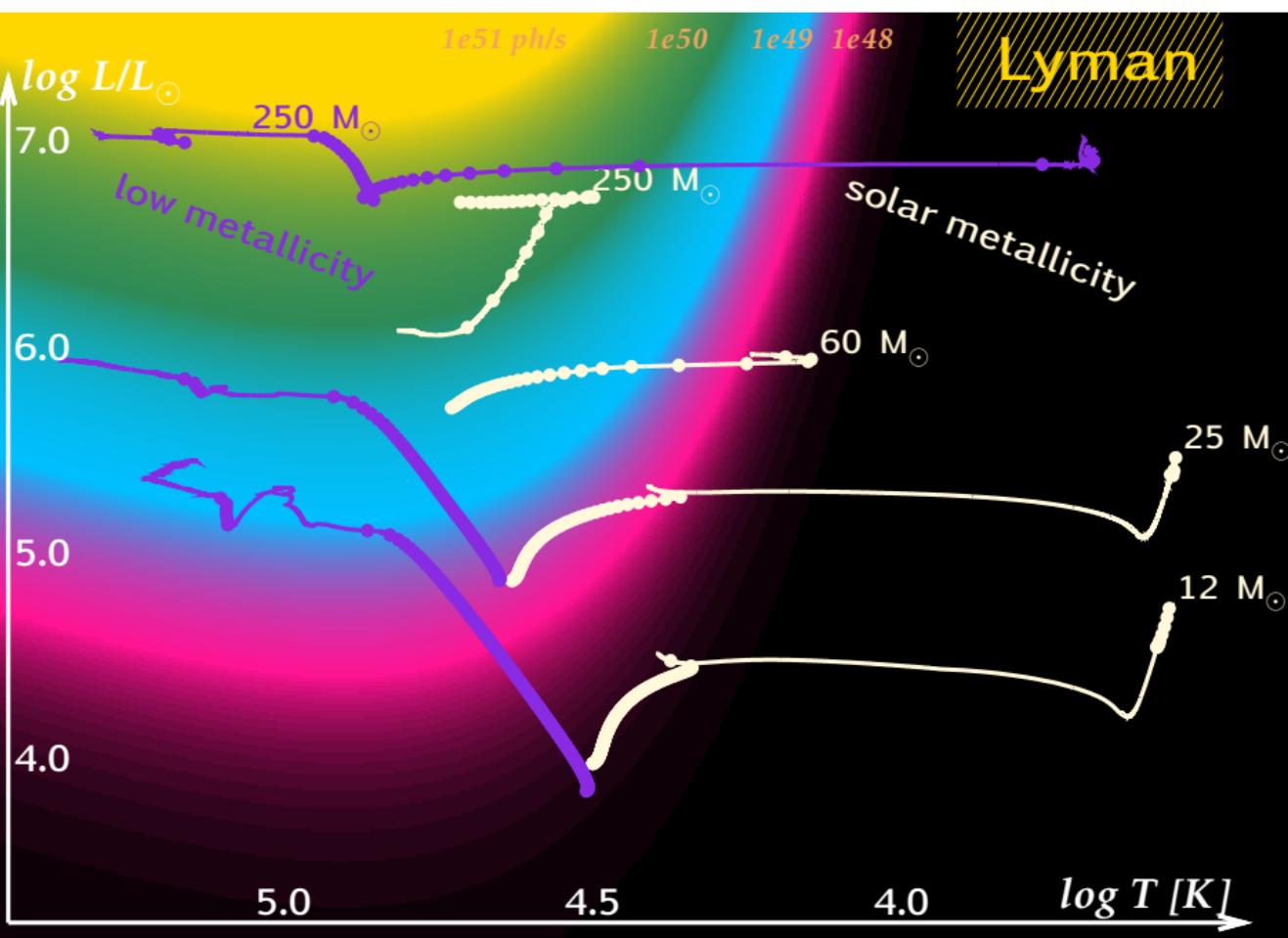


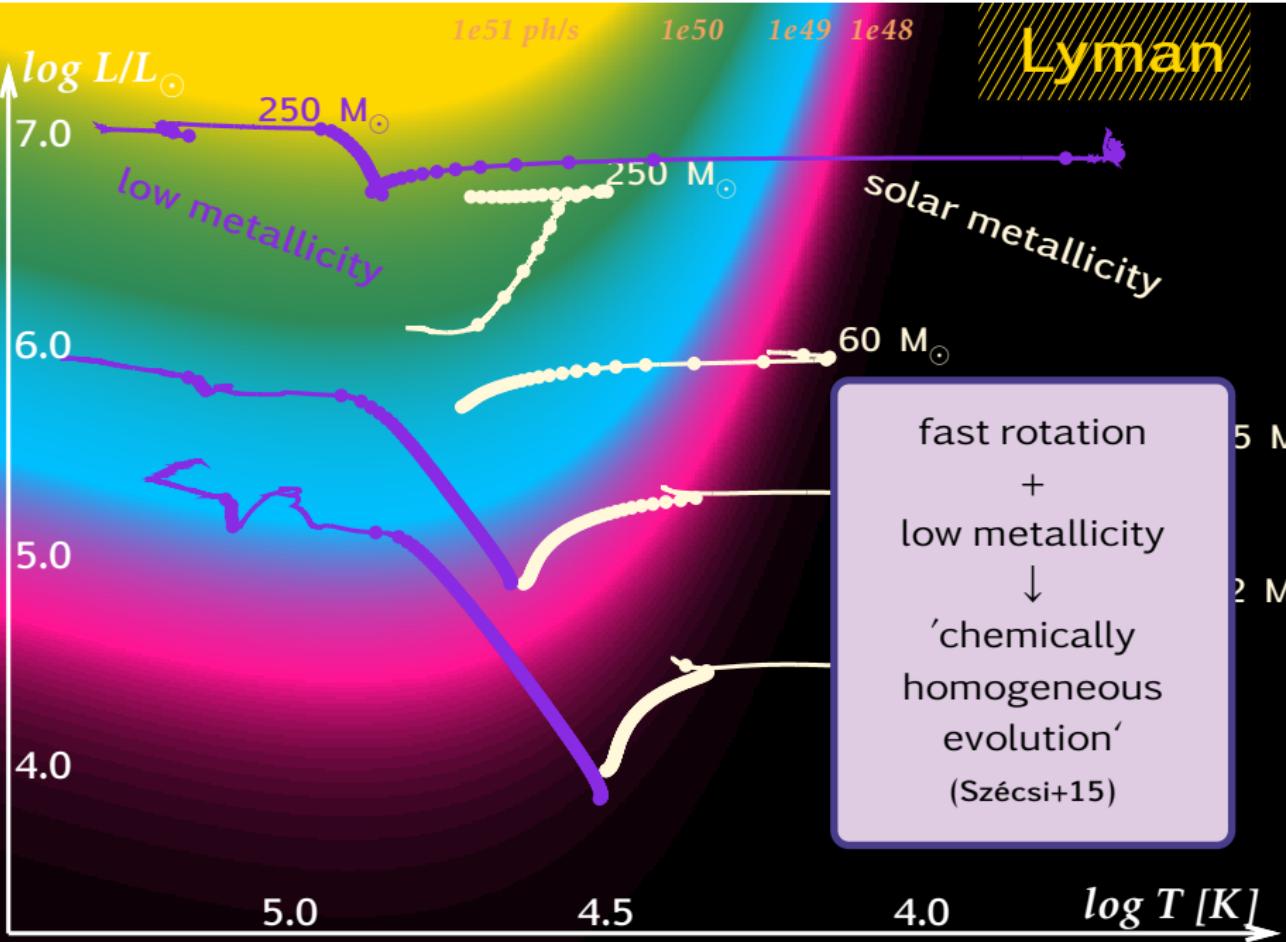










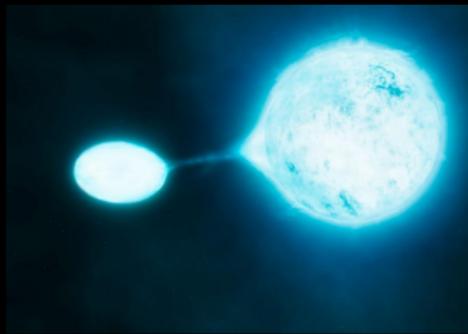
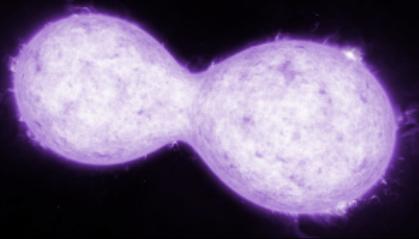


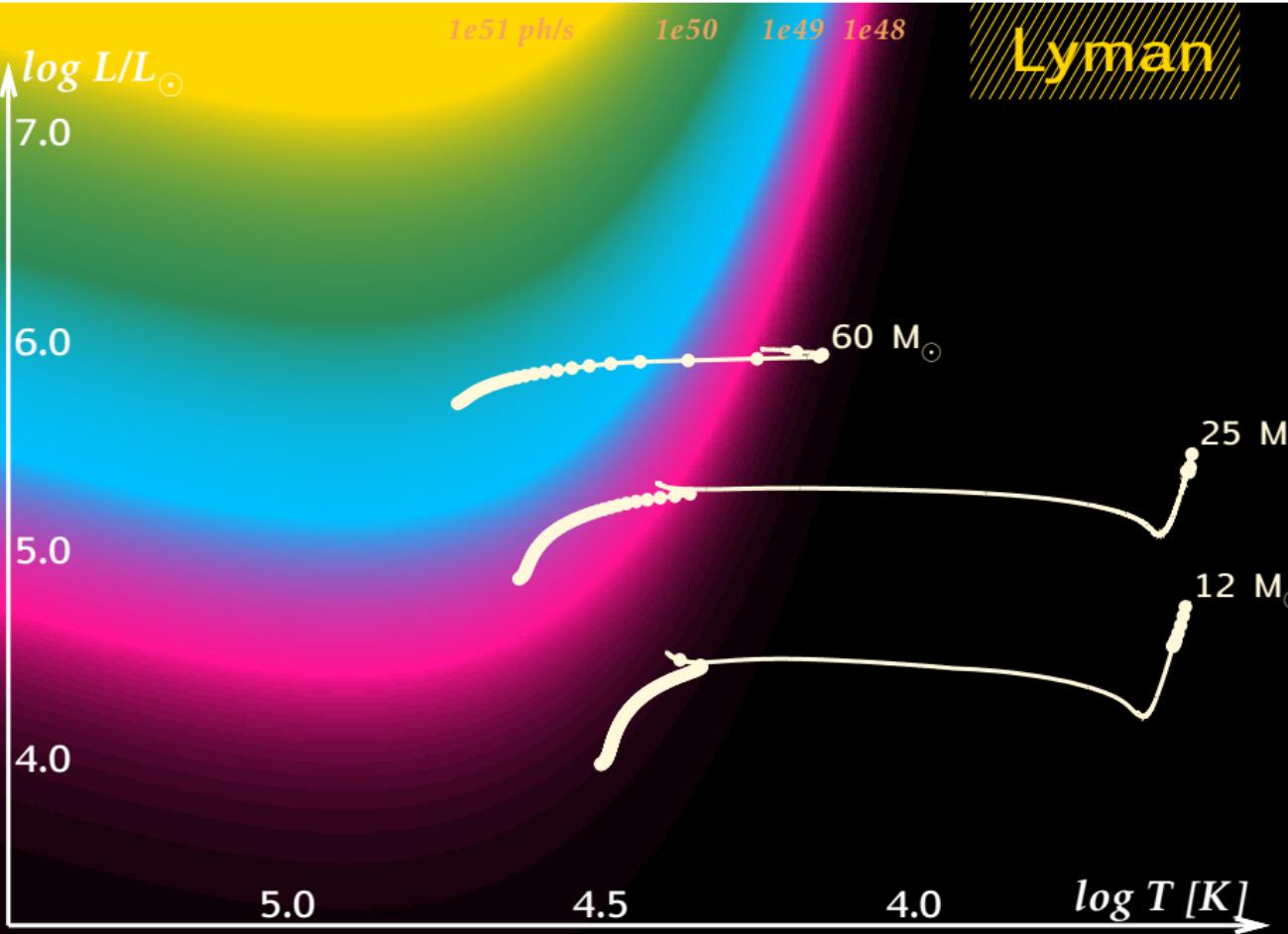
Binary stars!

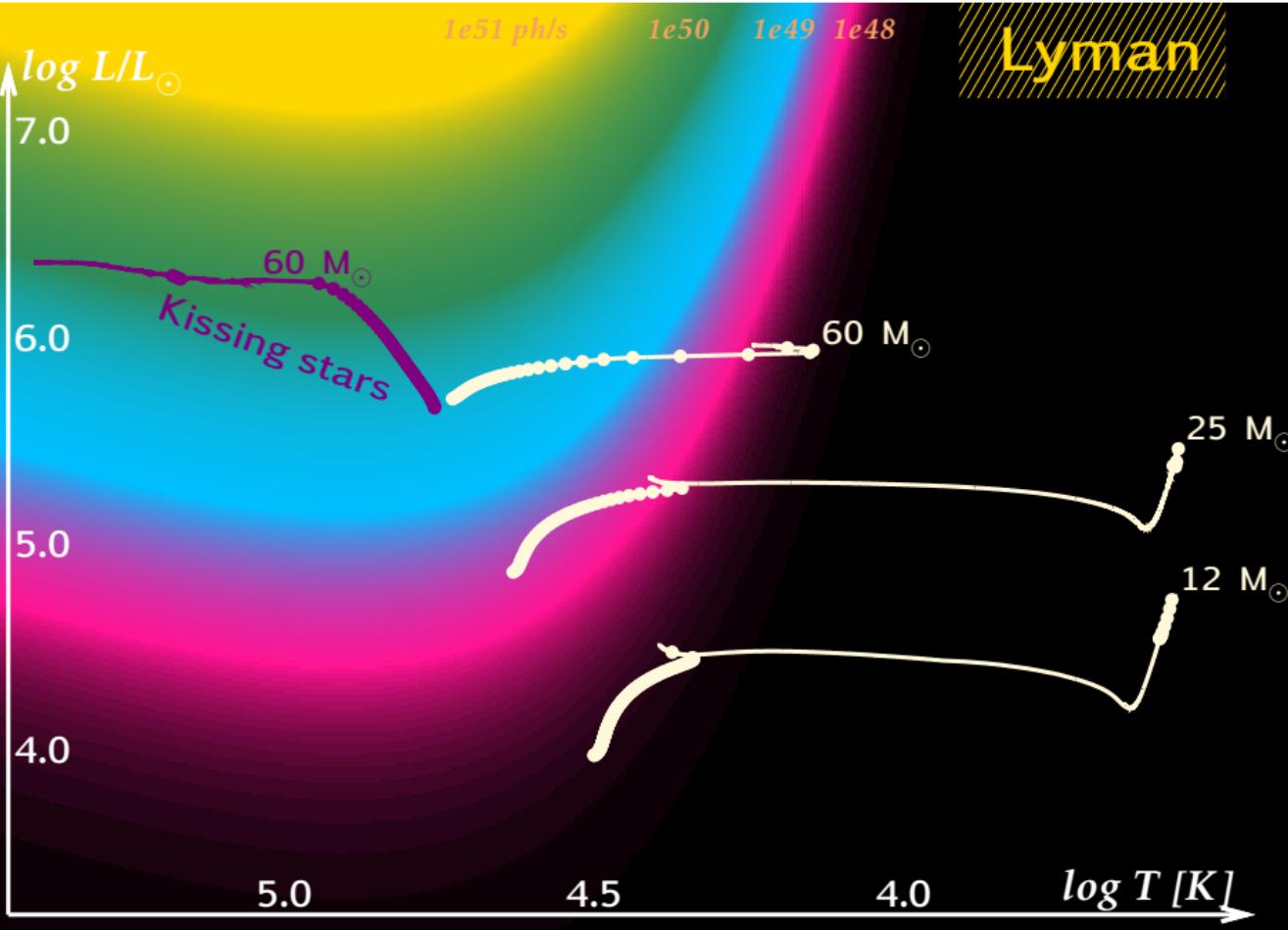
(Sana+12)

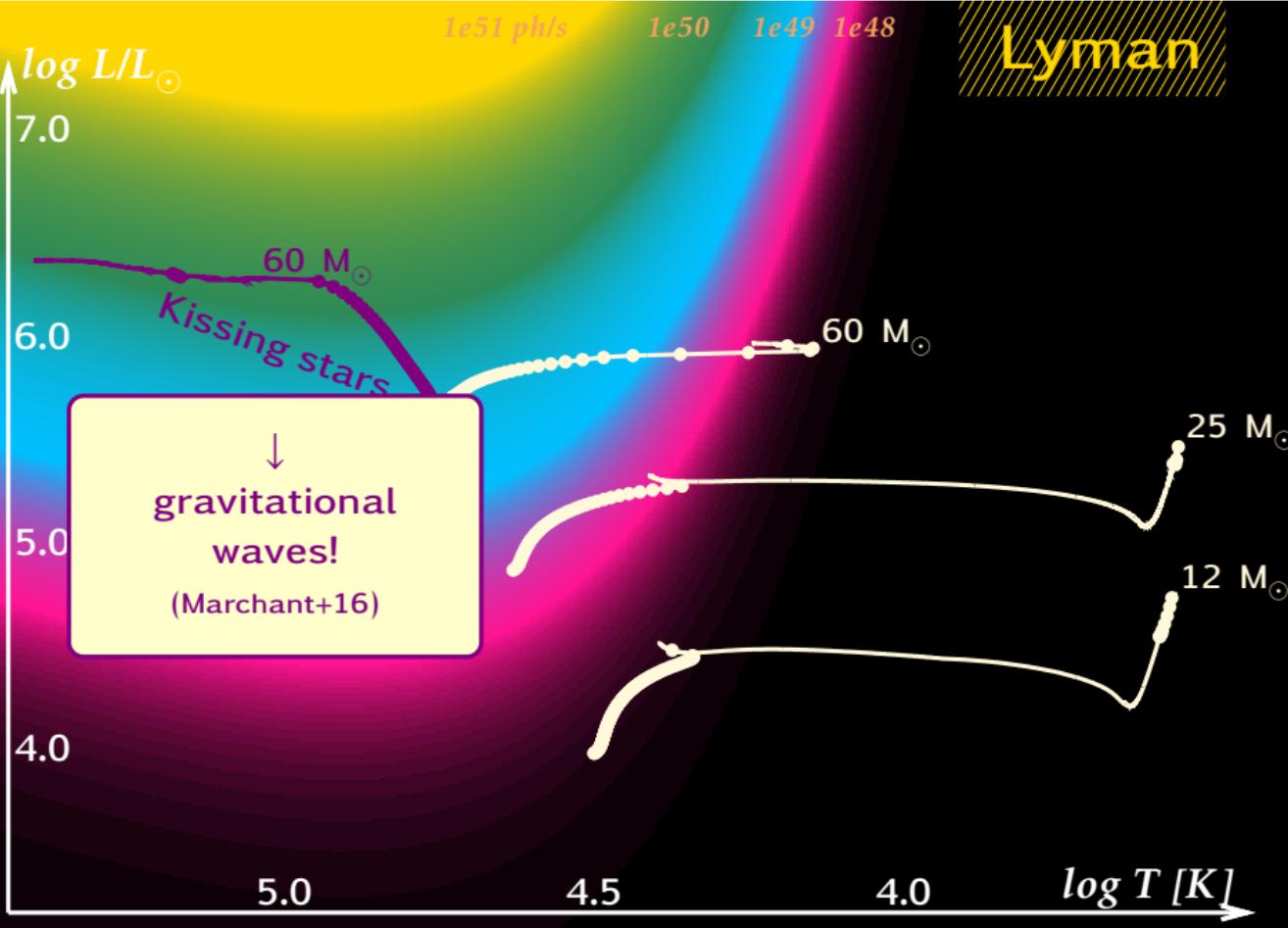
Binary stars!

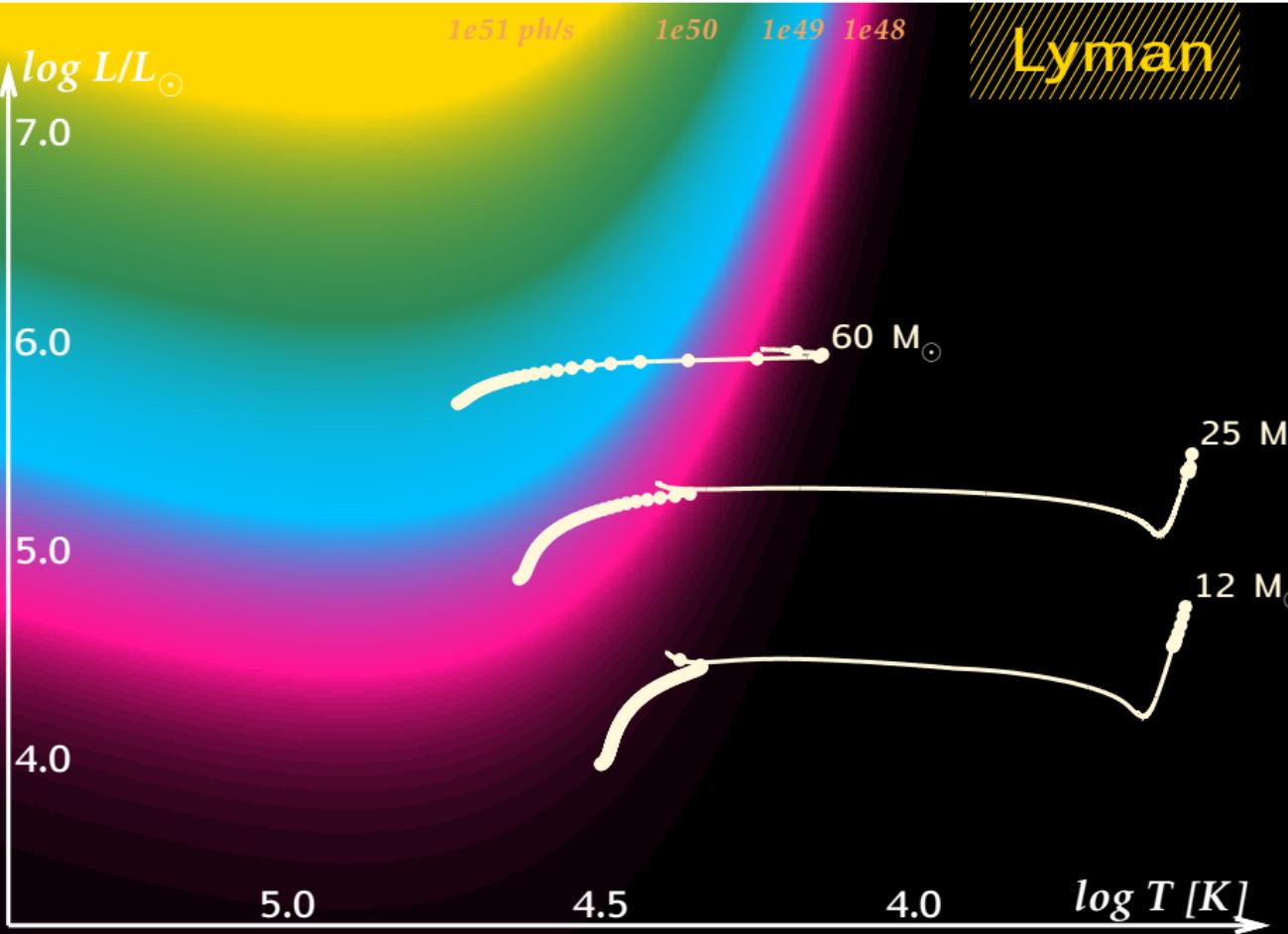
(Sana+12)

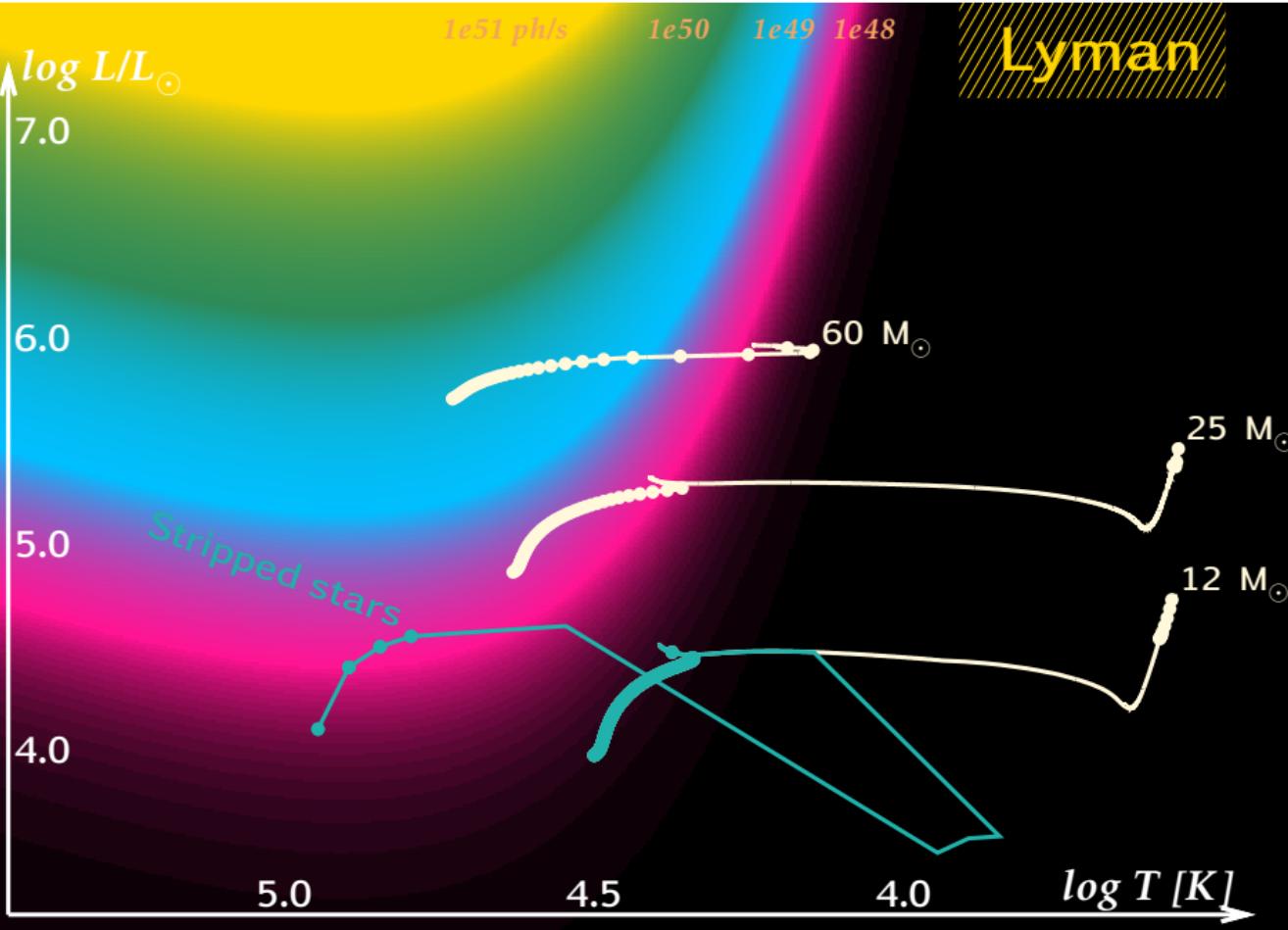


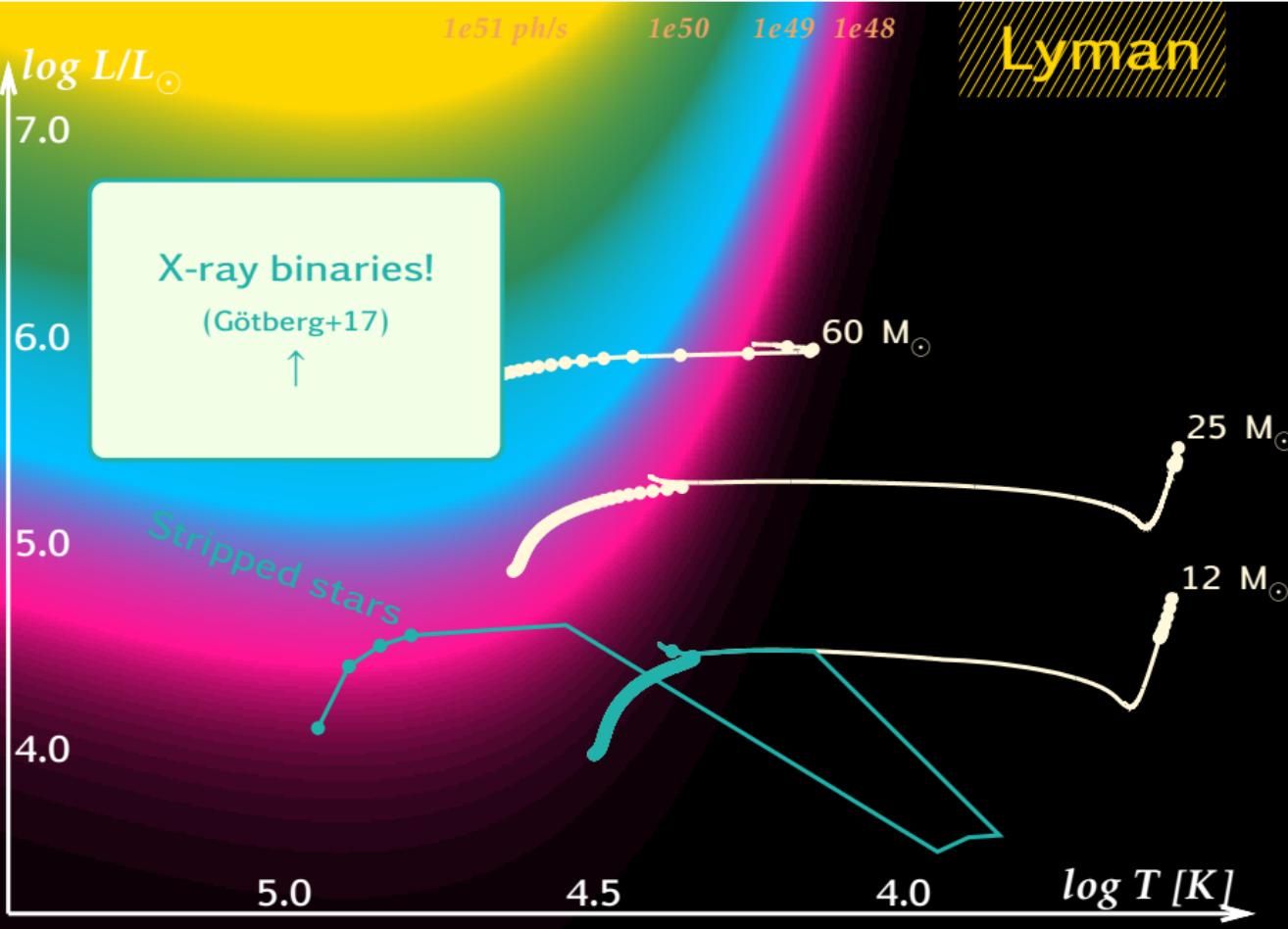












Some notes...

Some notes...

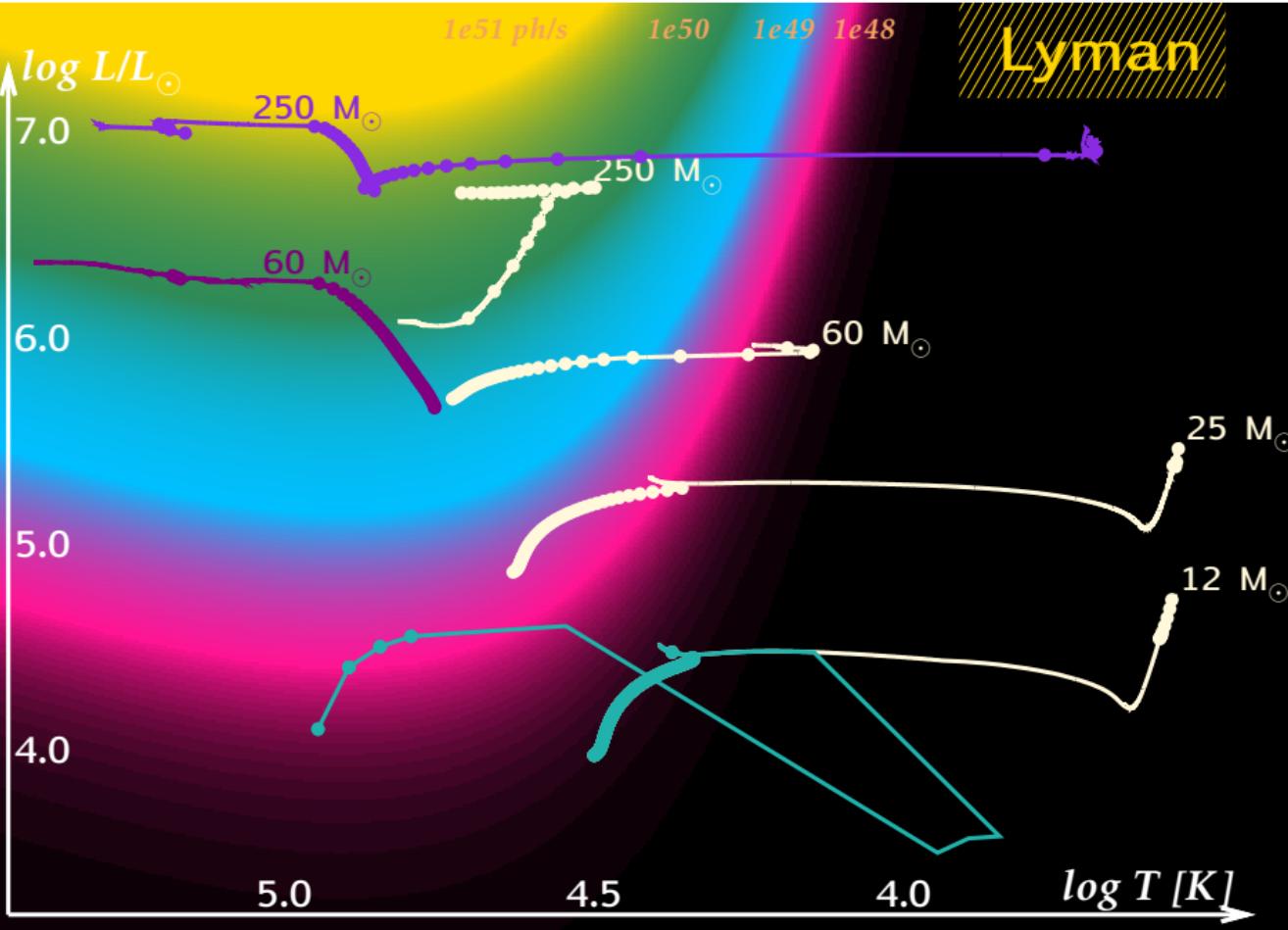
- lowest metallicity ★-detection ever: $0.1 Z_{\odot}$

Some notes...

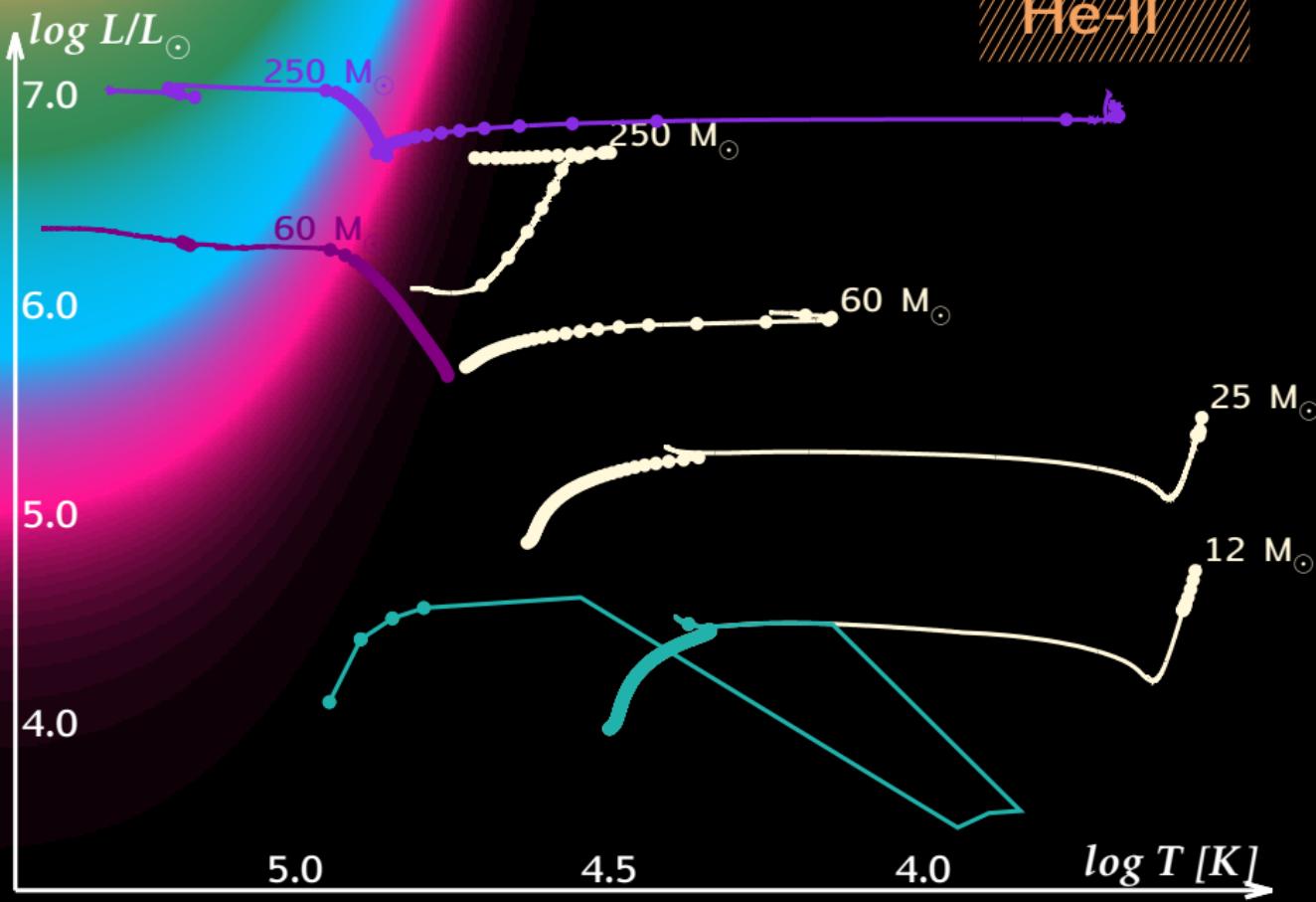
- lowest metallicity ★-detection ever: $0.1 Z_{\odot}$
- use BPASS ☺

Some notes...

- lowest metallicity ★-detection ever: $0.1 Z_{\odot}$
- use BPASS ☺
- be flexible!



He-II



He-II

$\log L/L_{\odot}$

7.0

$250 M_{\odot}$

6.0

$60 M_{\odot}$

5.0

$25 M_{\odot}$

4.0

$2 M_{\odot}$

5.0

4.5

4.0

$\log T [K]$

Dorottya Szécsi

Thank you for your attention!

