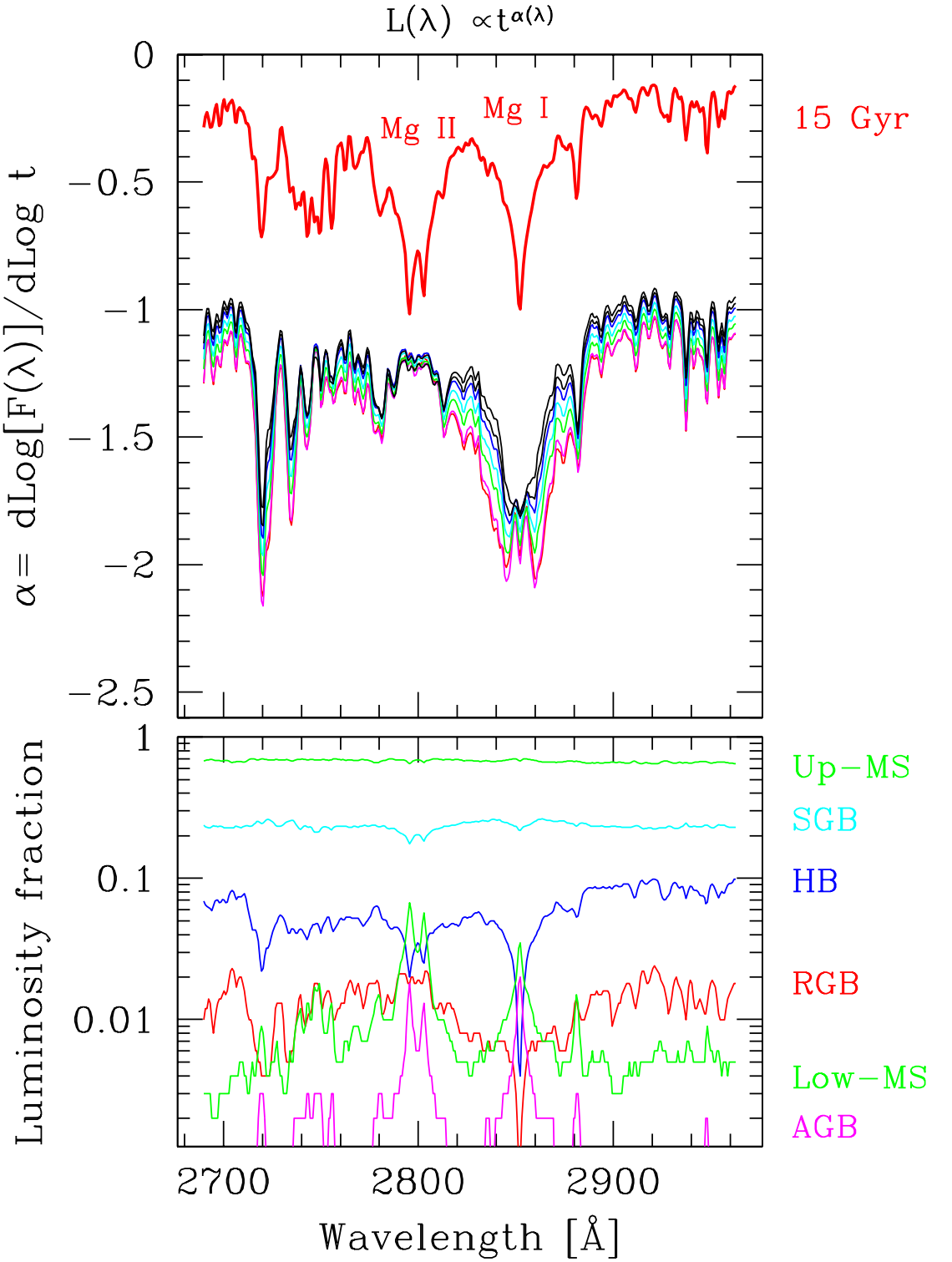
L(λ) ∝t^α(λ)
Mg II
Mg I
15 Gyr
α = dLog[F(λ)]/dLog t
0
−0.5
−1
−1.5
−2
−2.5
Luminosity fraction
1
0.1
0.01
Up−MS
SGB
HB
RGB
Low−MS
AGB
2700
2800
2900
Wavelength [Å]