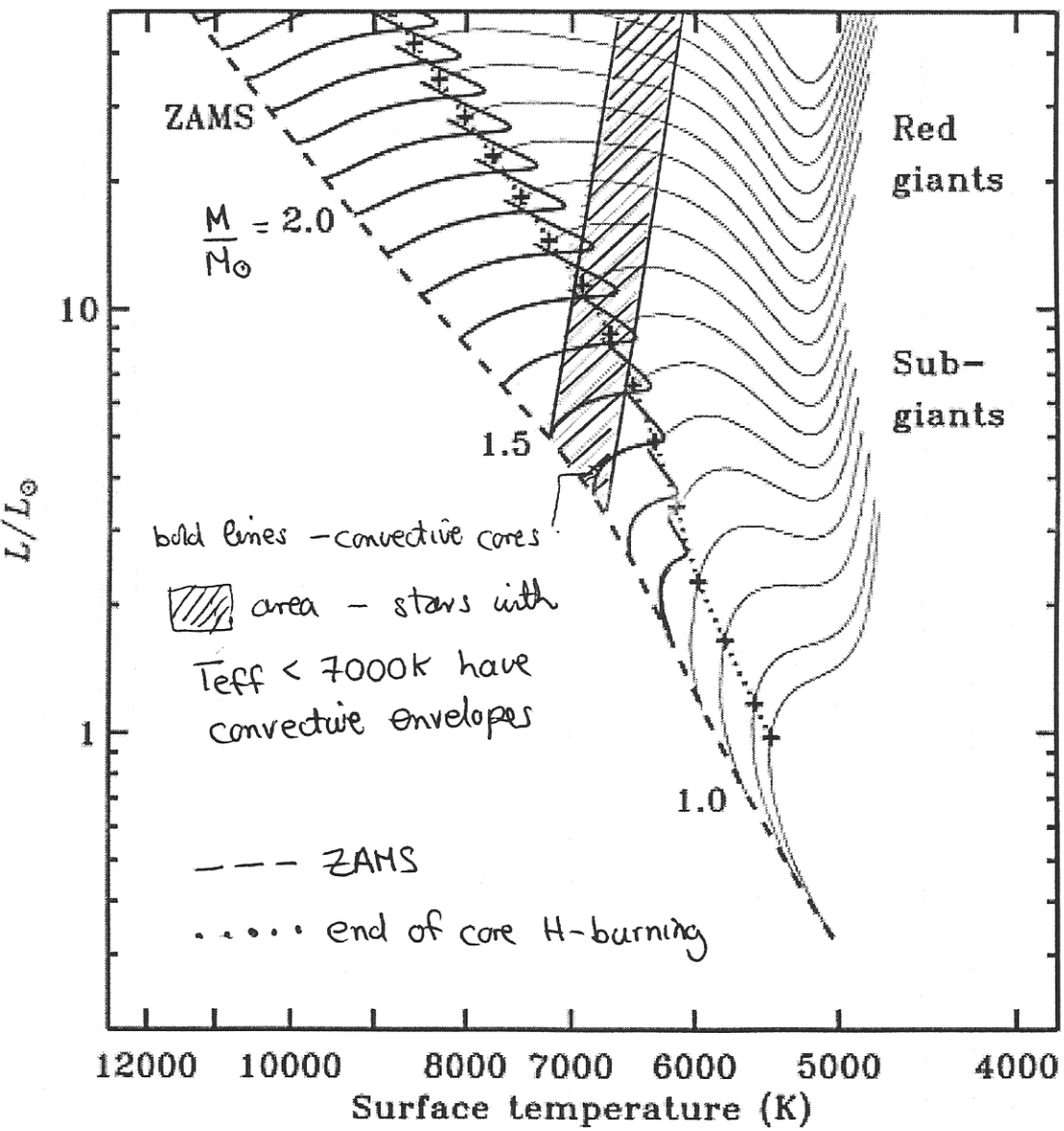
ZAMS
M/M⊙ = 2.0
1.5
1.0
Red giants
Sub-giants
bold lines – convective cores
area – stars with Teff < 7000K have convective envelopes
ZAMS
end of core H-burning
10
1
L/L⊙
12000
10000
8000
7000
6000
5000
4000
Surface temperature (K)