Abundance studies in massive clusters: why and how

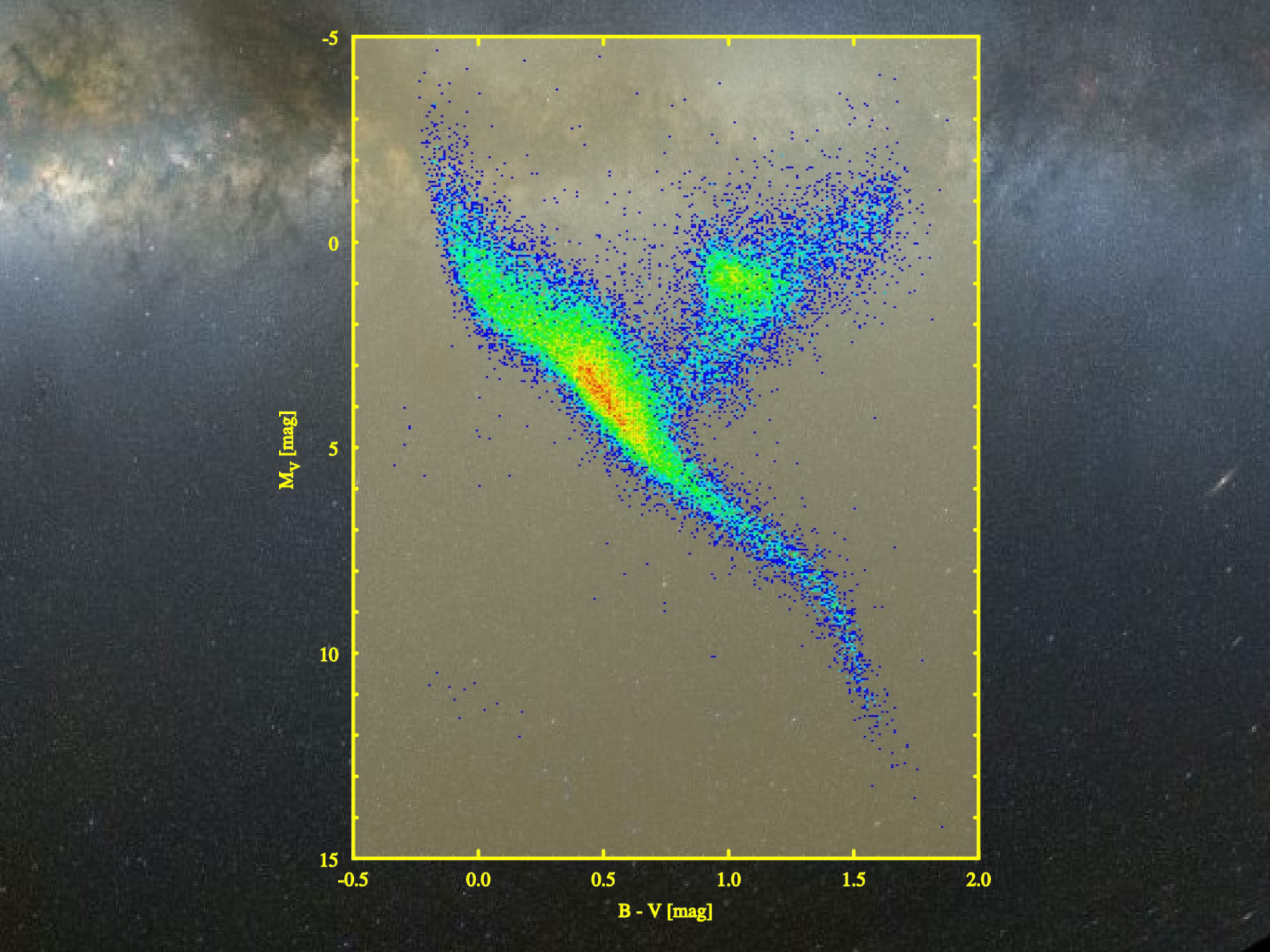
Carlos González Fernández
Ignacio Negueruela
Andrés Asensio Ramos

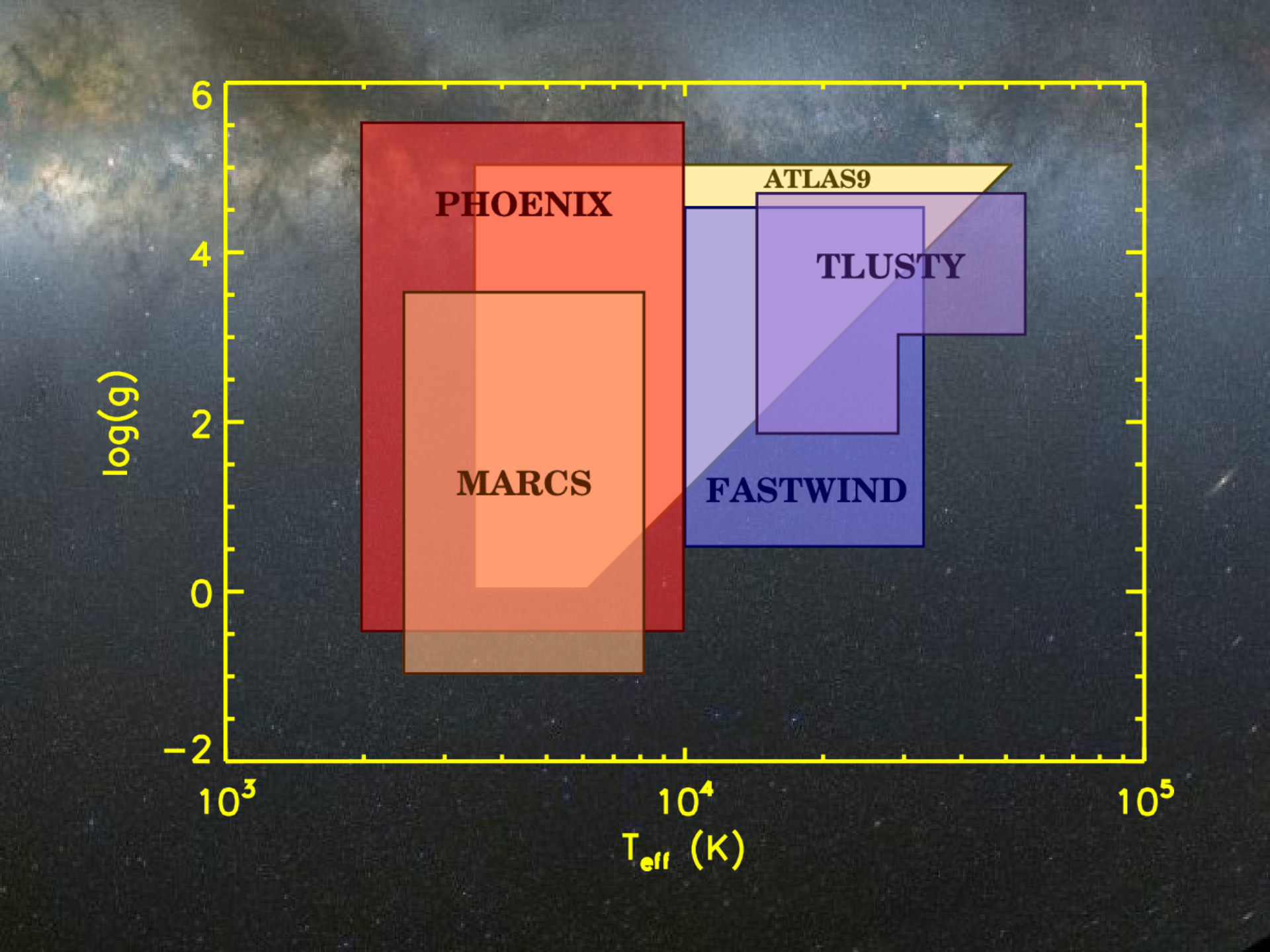
Nice, November 2nd, 2010





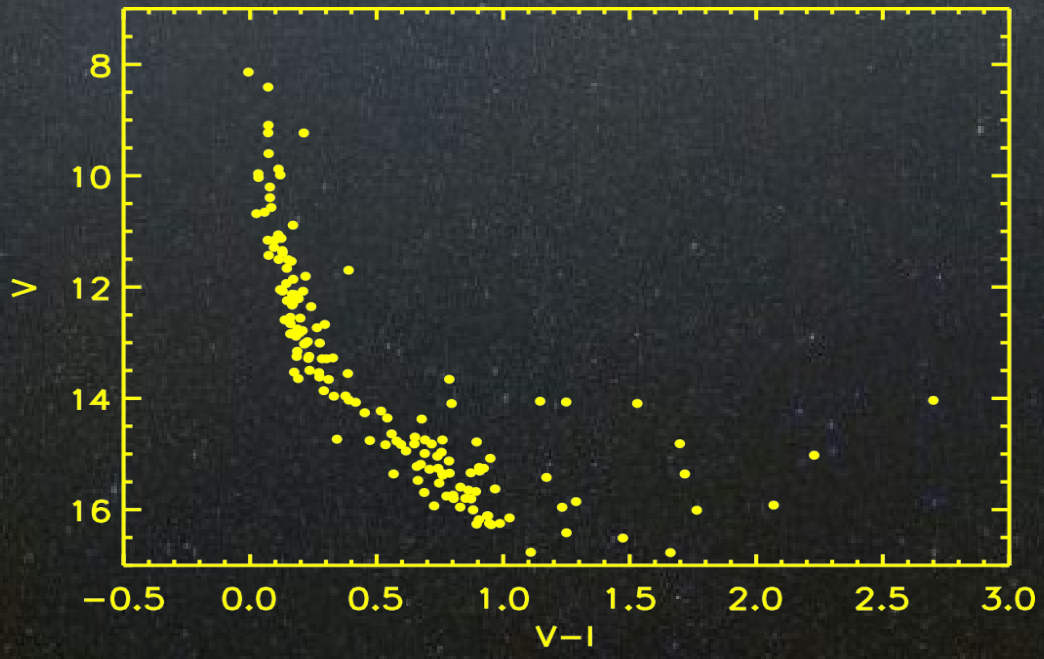
Universitat d'Alacant
Universidad de Alicante


-5
0
5
10
15
M_V [mag]
-0.5
0.0
0.5
1.0
1.5
2.0
B - V [mag]


6
4
2
0
−2
log(g)
PHOENIX
ATLAS9
TLUSTY
MARCS
FASTWIND
10^3
10^4
10^5
T_eff (K)



NGC 3766



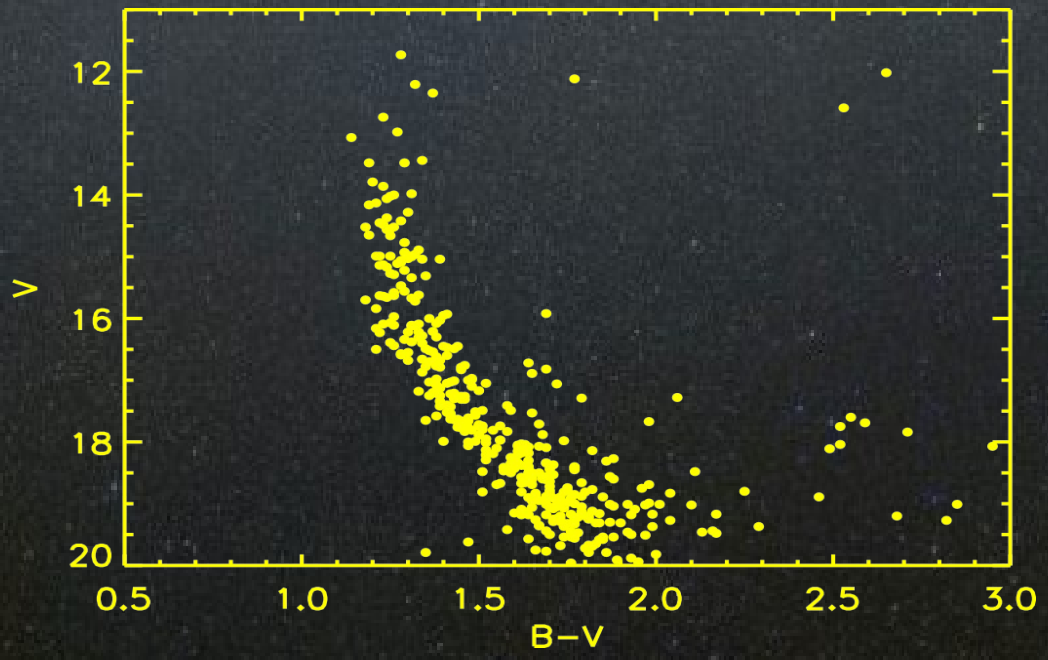
Age~20 Myr

(l,b)=(249.11, 0.0)

d=1.7 kpc



NGC 6649



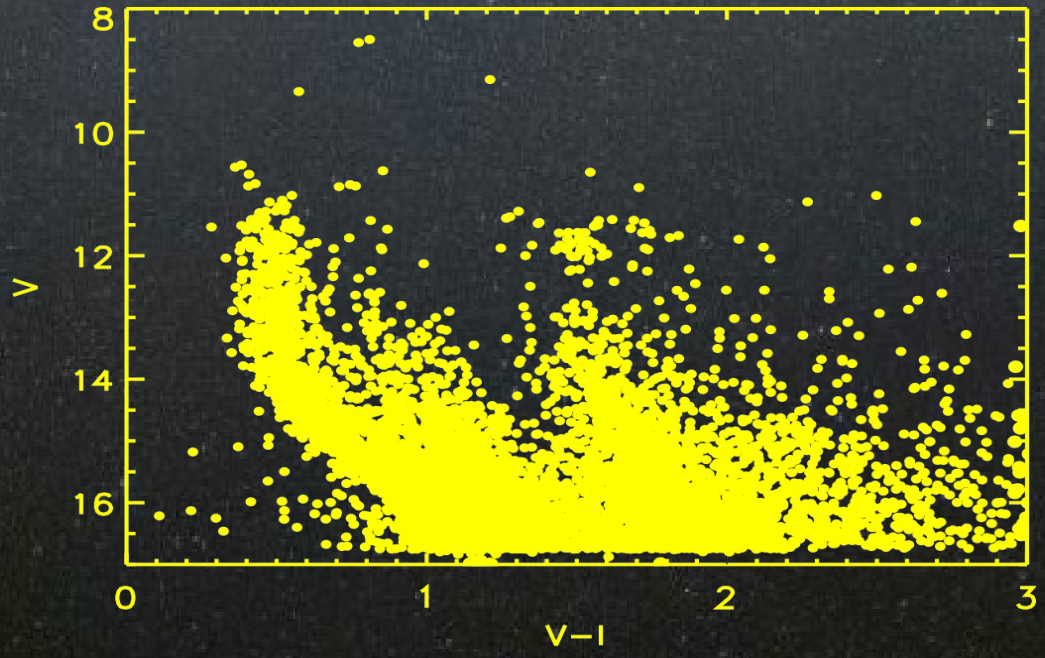
Age~40 Myr

(l,b)=(21.64, -0.79)

d=1.4 kpc



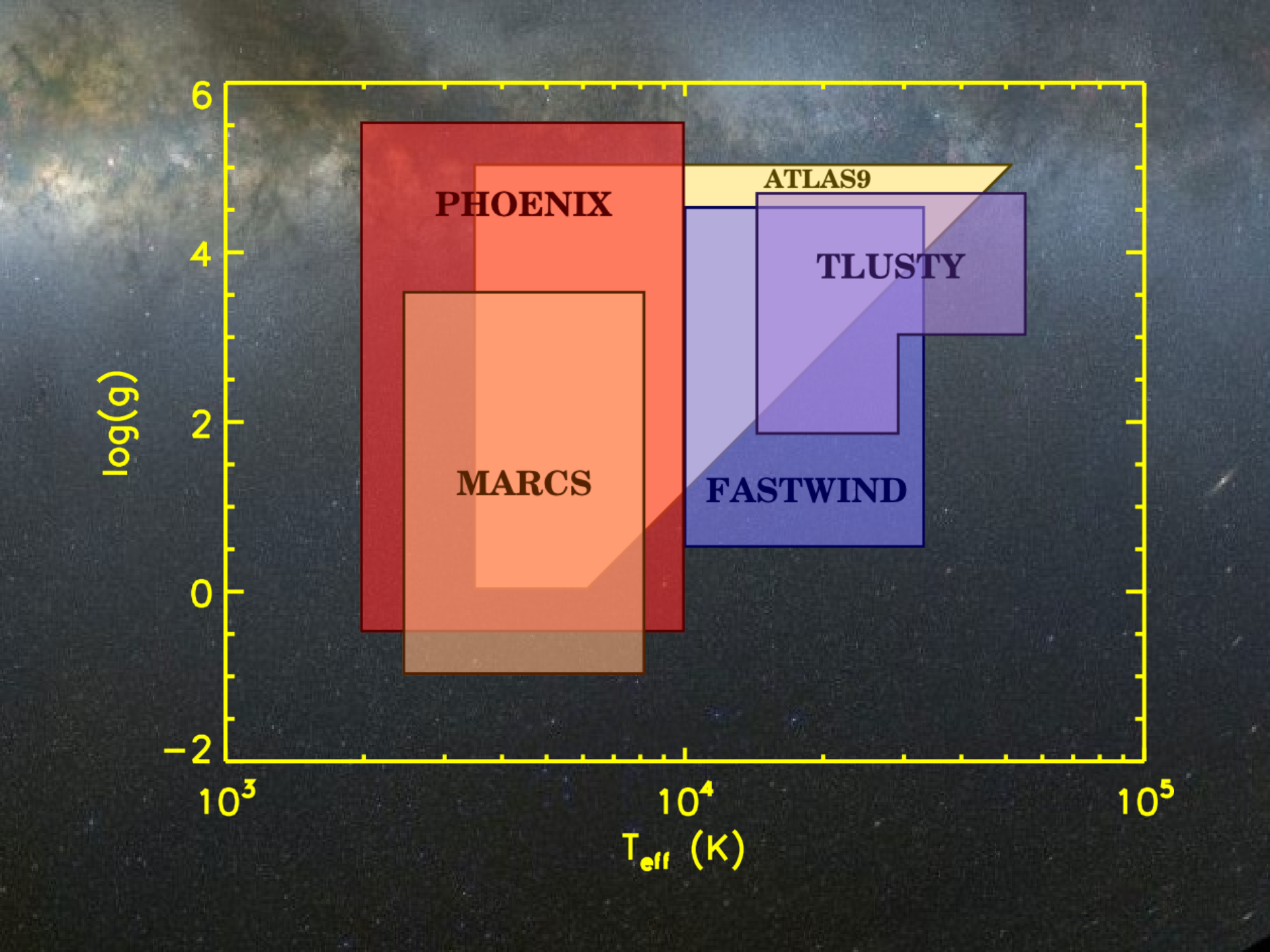
M11



Age~200 Myr

(l,b)=(27.31, -2.78)

d=1.9 kpc


6
4
2
0
−2
log(g)
PHOENIX
ATLAS9
TLUSTY
MARCS
FASTWIND
10^3
10^4
10^5
T_eff (K)

BIQUINI

Bayesian **I**nference & **QU**ick **I**nterpolator for the **N**ear **I**nfrared

