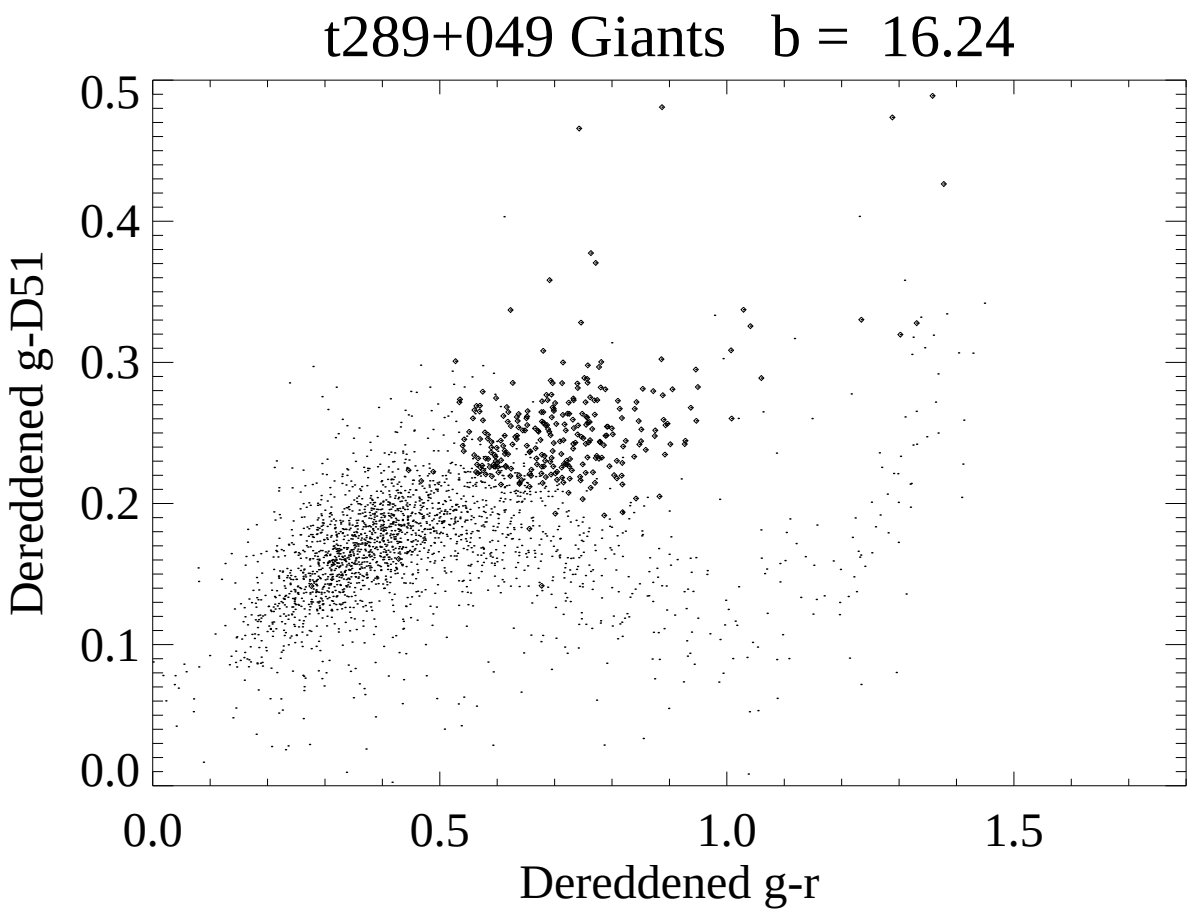
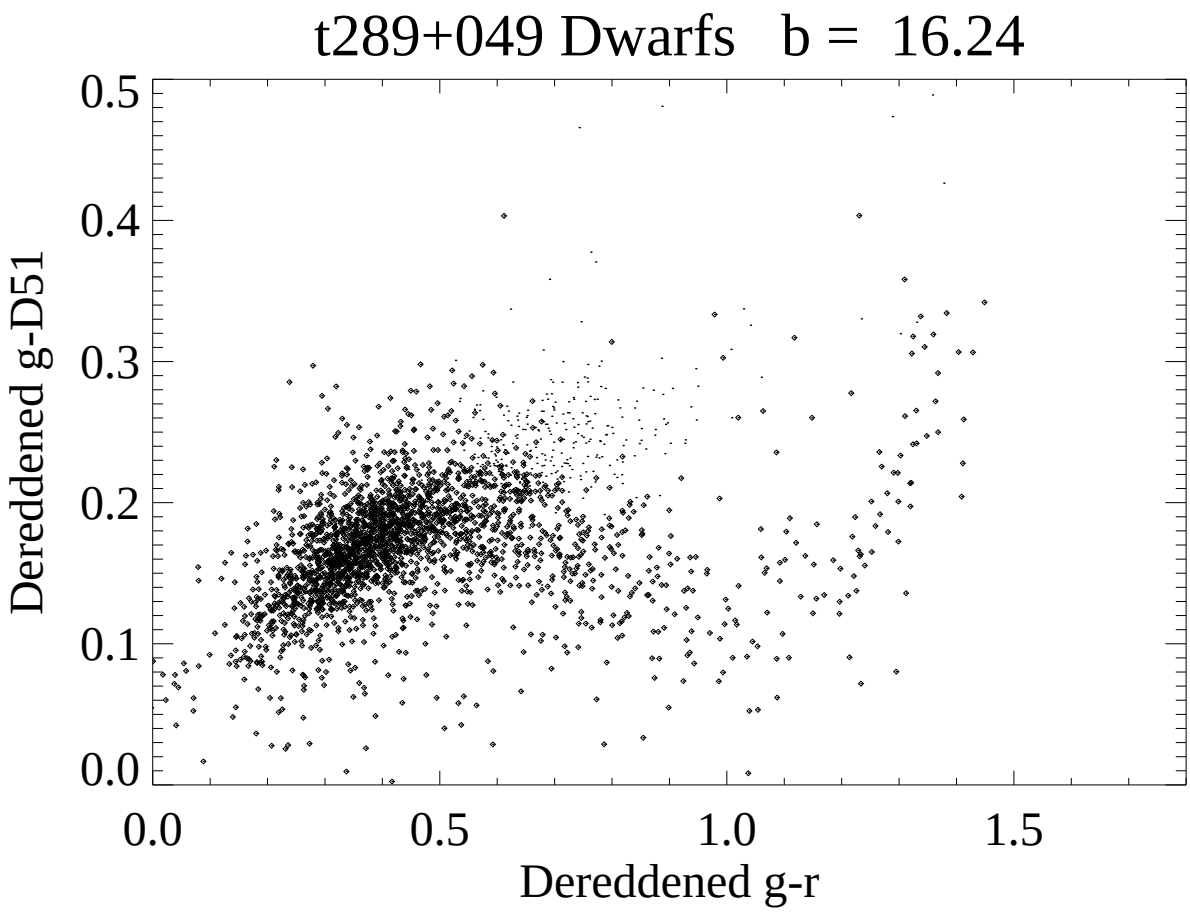
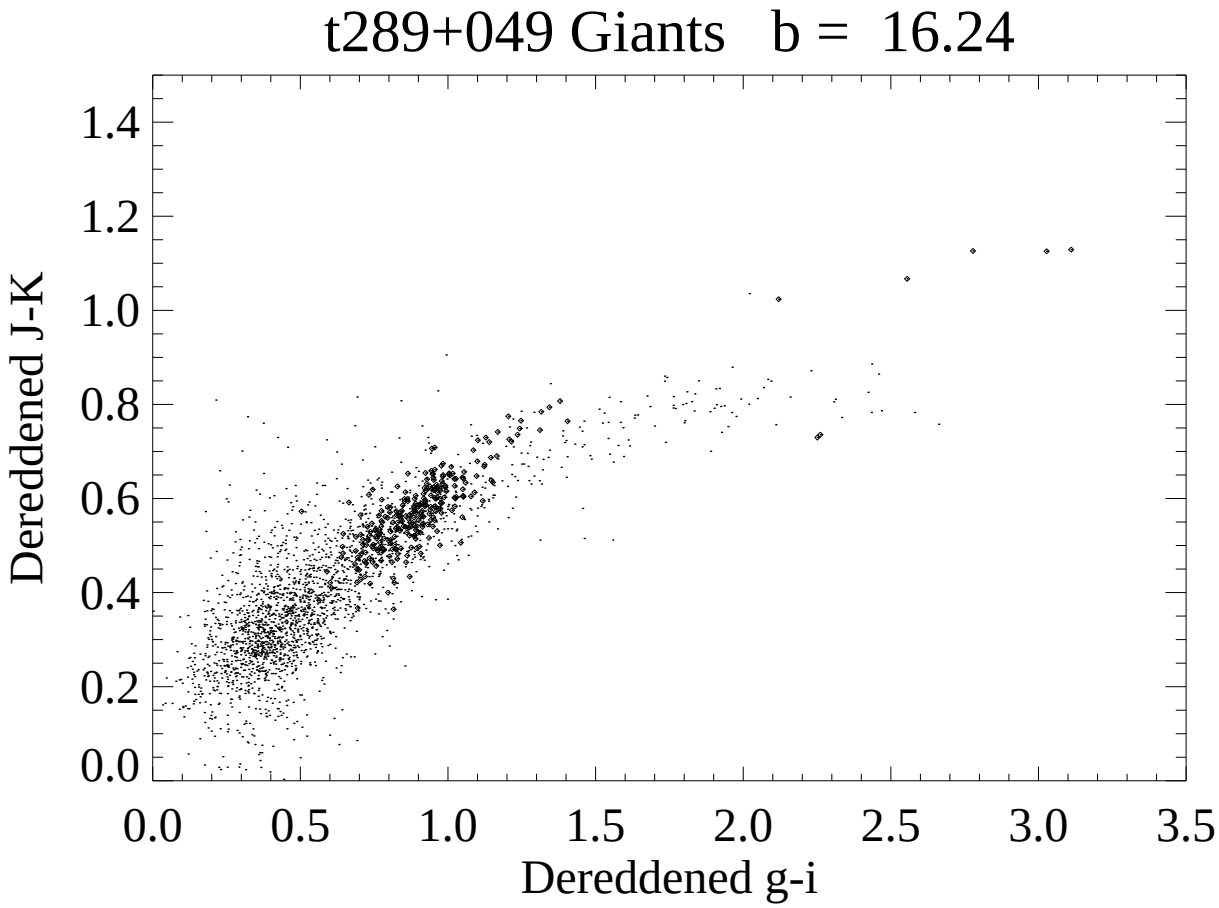
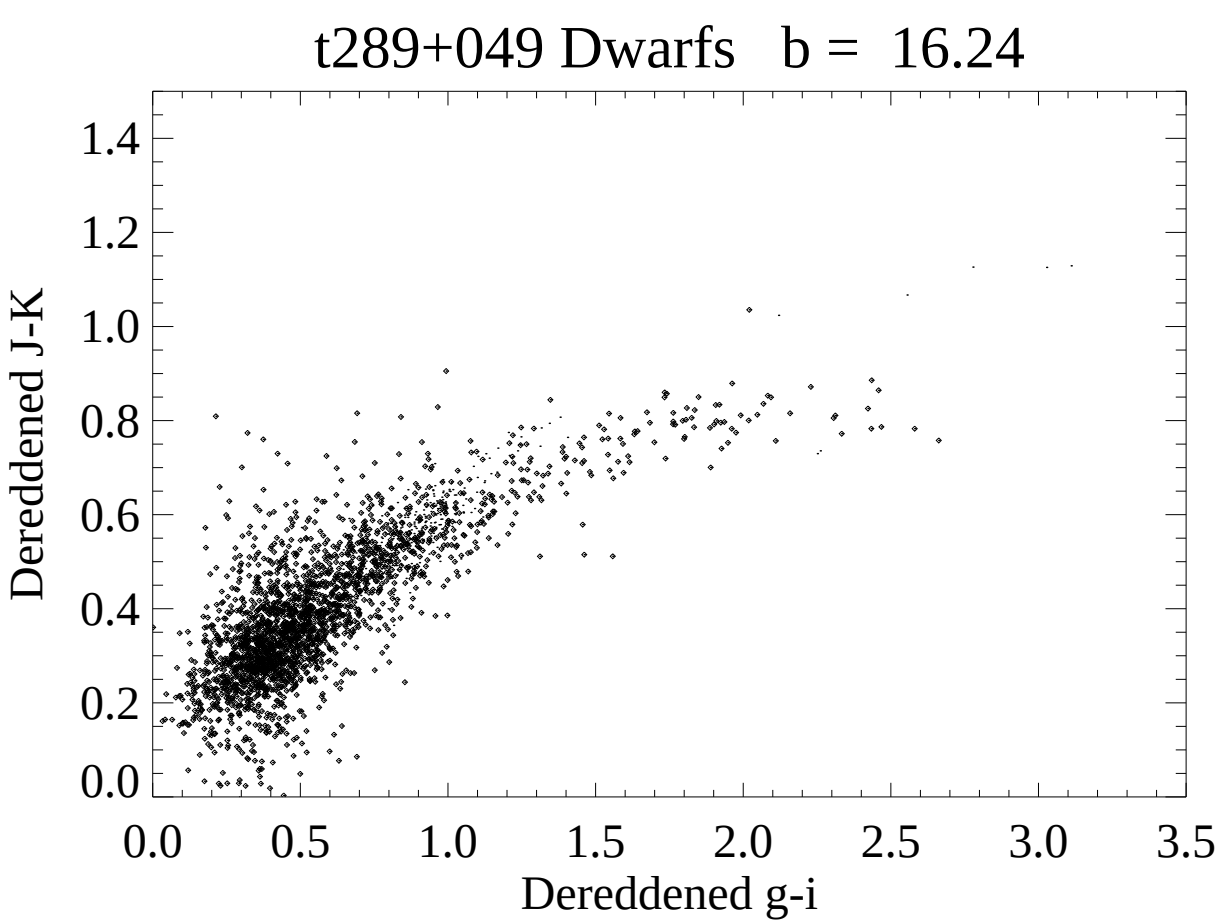
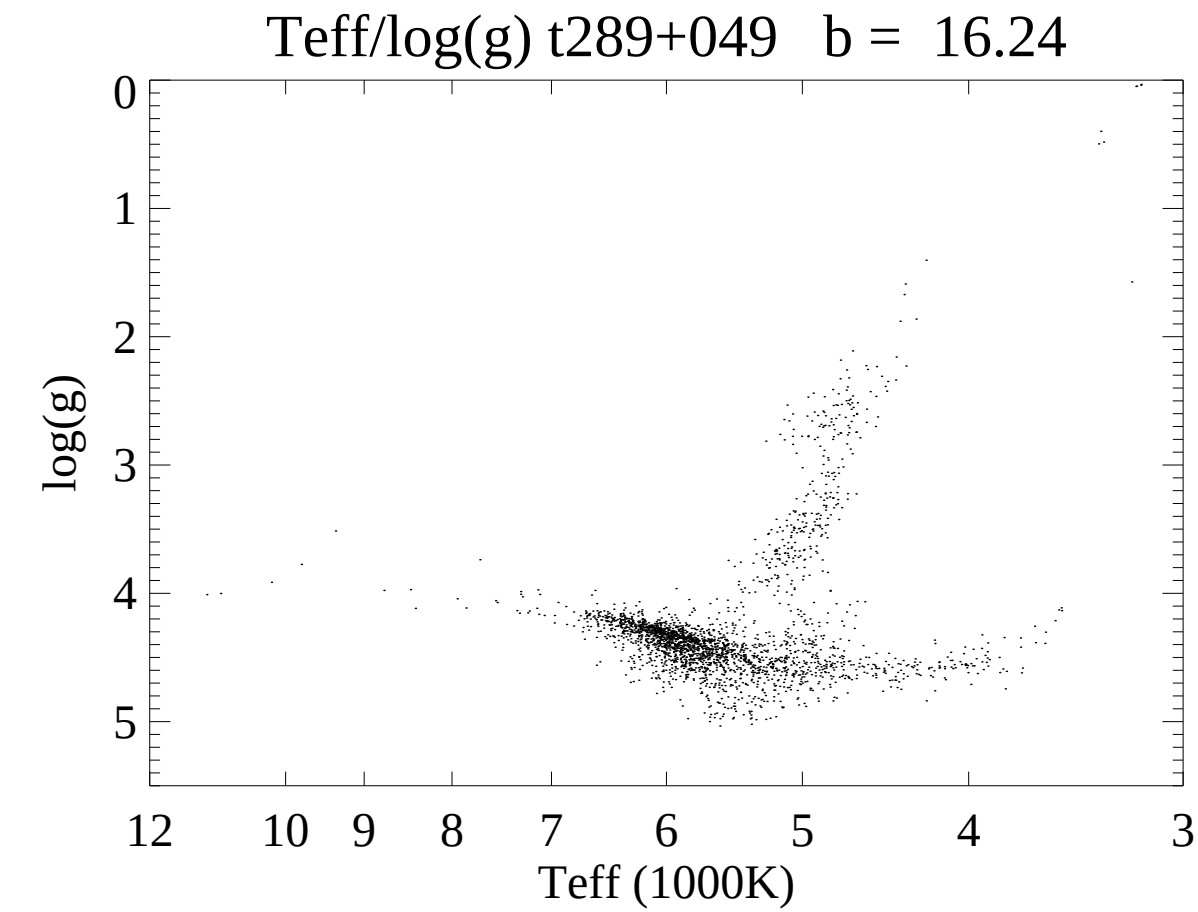
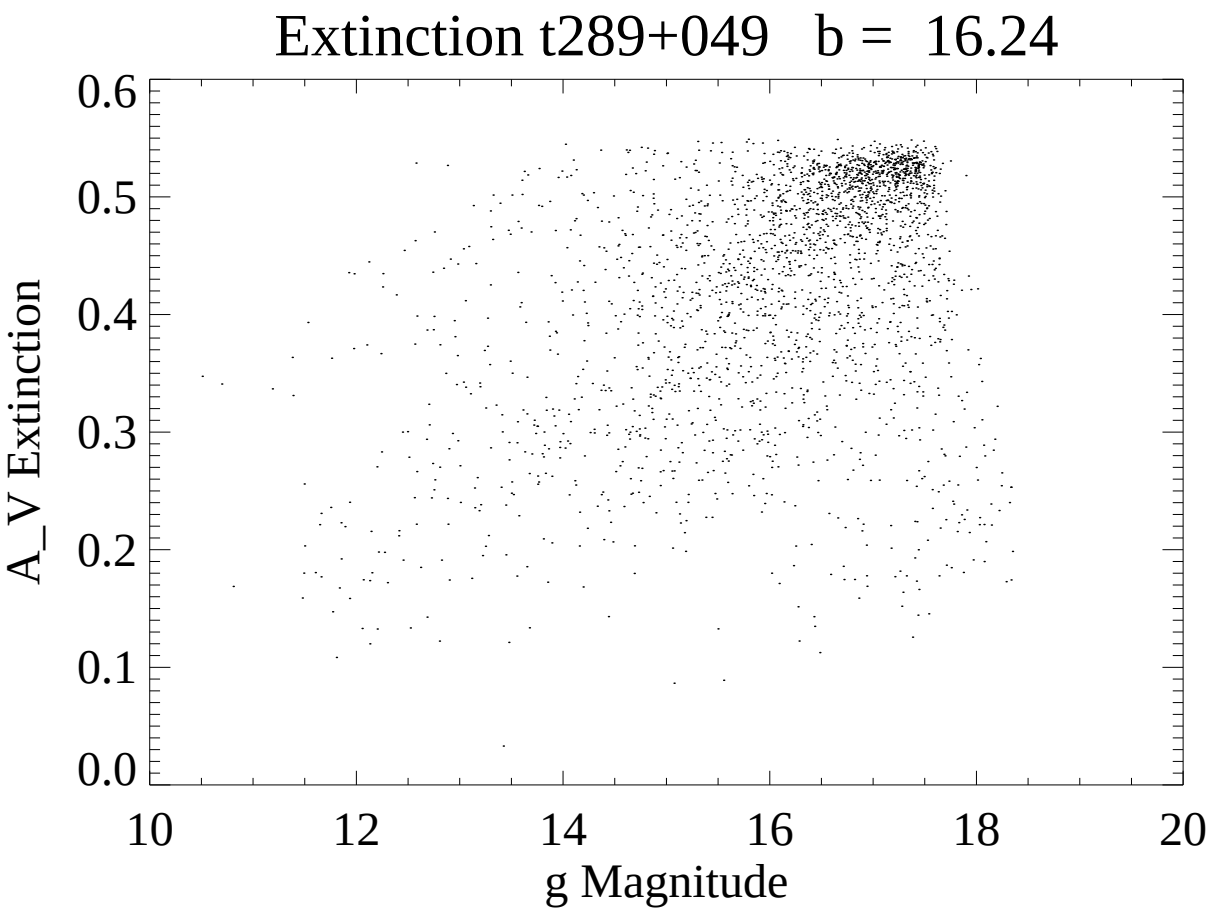

t289+049 Giants b = 16.24
Dereddened g-D51
Dereddened g-r
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5

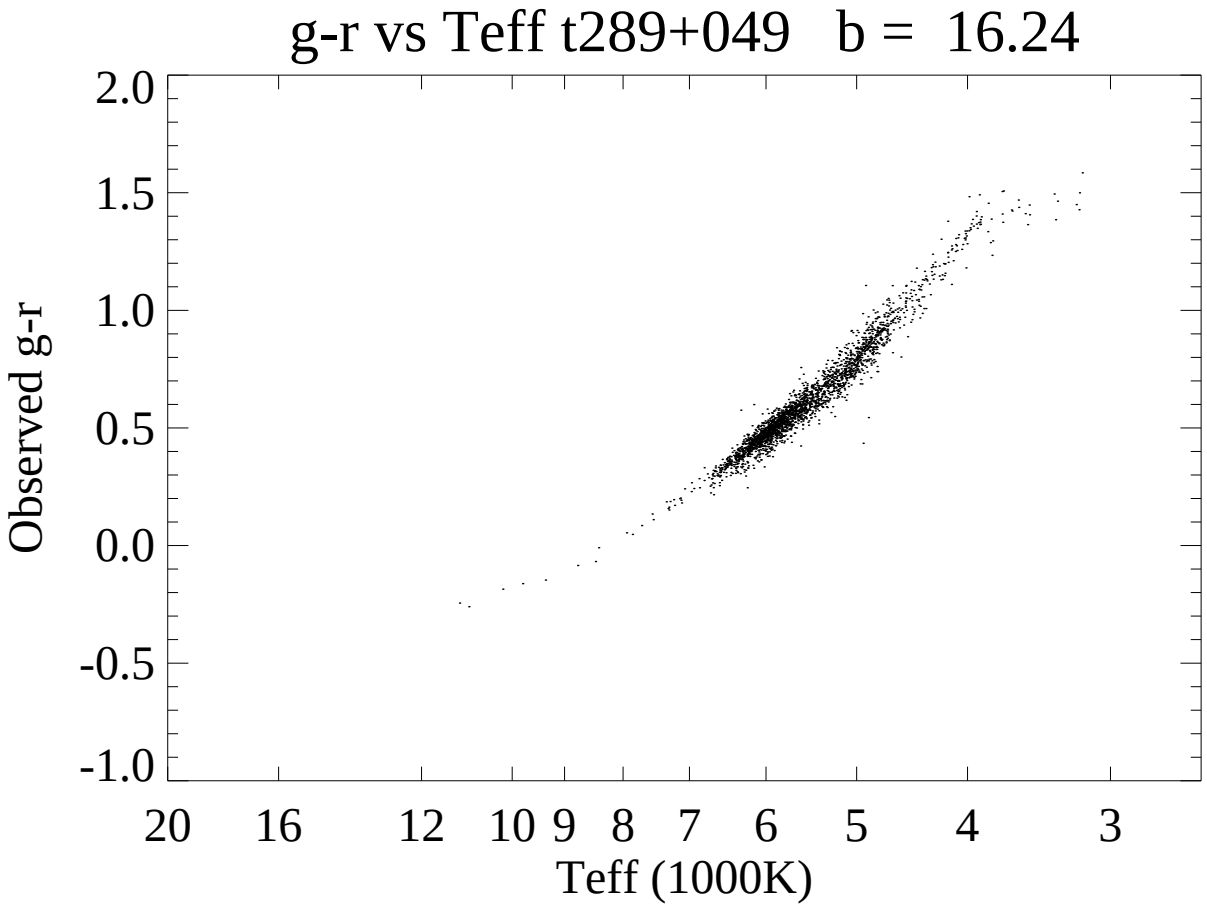

t289+049 Dwarfs b = 16.24
Dereddened g-D51
Dereddened g-r
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5

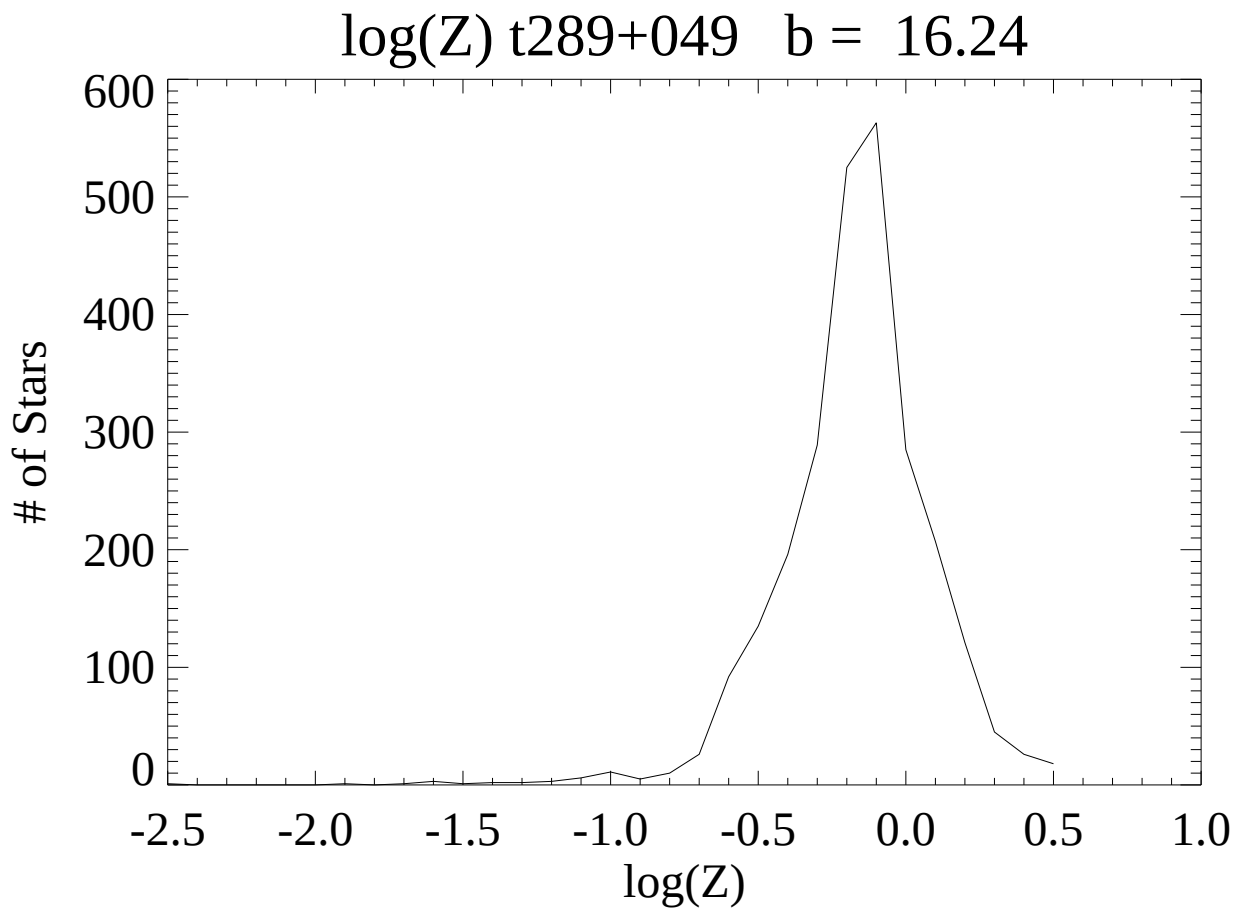

t289+049 Giants b = 16.24
Dereddened J-K
Dereddened g-i
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5

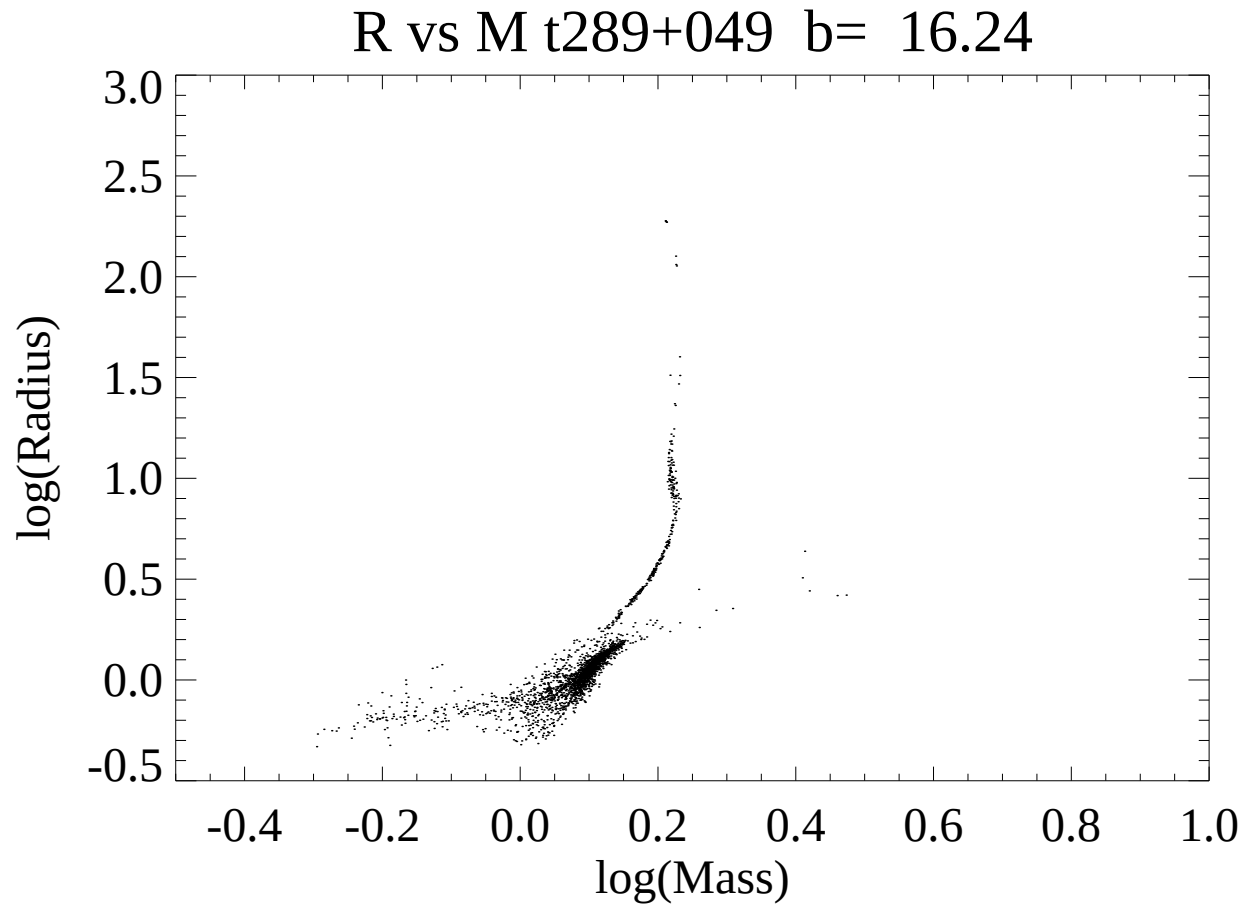

t289+049 Dwarfs b = 16.24
Dereddened J-K
Dereddened g-i
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5

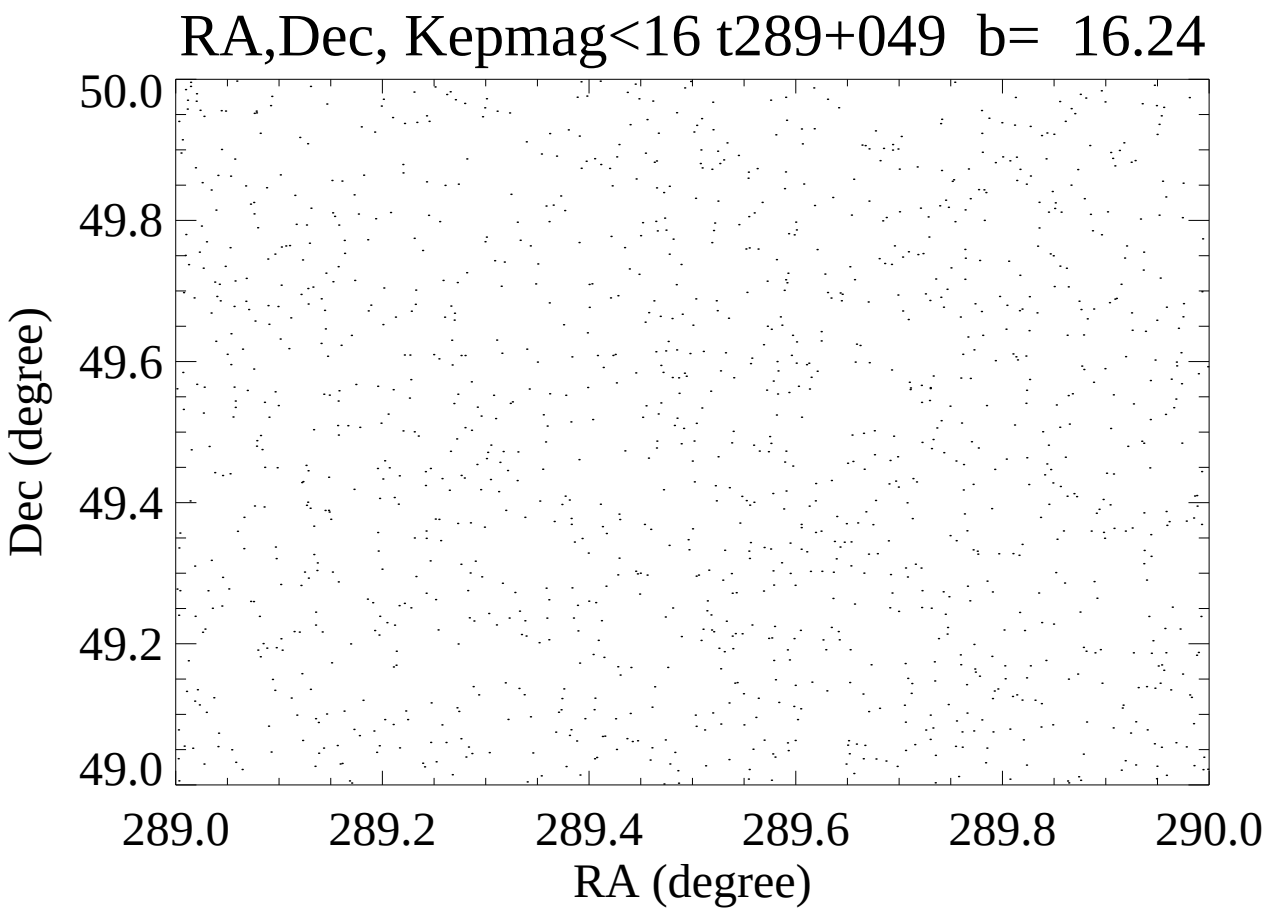

Teff/log(g) t289+049 b = 16.24
log(g)
0
1
2
3
4
5
12
10
9
8
7
6
5
4
3
Teff (1000K)


Extinction t289+049 b = 16.24
A_V Extinction
0.6
0.5
0.4
0.3
0.2
0.1
0.0
10
12
14
16
18
20
g Magnitude


g-r vs Teff t289+049 b = 16.24
Observed g-r
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
20
16
12
10
9
8
7
6
5
4
3
Teff (1000K)


log(Z) t289+049 b = 16.24
# of Stars
600
500
400
300
200
100
0
-2.5
-2.0
-1.5
-1.0
-0.5
0.0
0.5
1.0
log(Z)


R vs M t289+049 b= 16.24
log(Radius)
log(Mass)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-0.4
-0.2
0.0
0.2
0.4
0.6
0.8
1.0


RA,Dec, Kepmag<16 t289+049 b= 16.24
Dec (degree)
RA (degree)
50.0
49.8
49.6
49.4
49.2
49.0
289.0
289.2
289.4
289.6
289.8
290.0