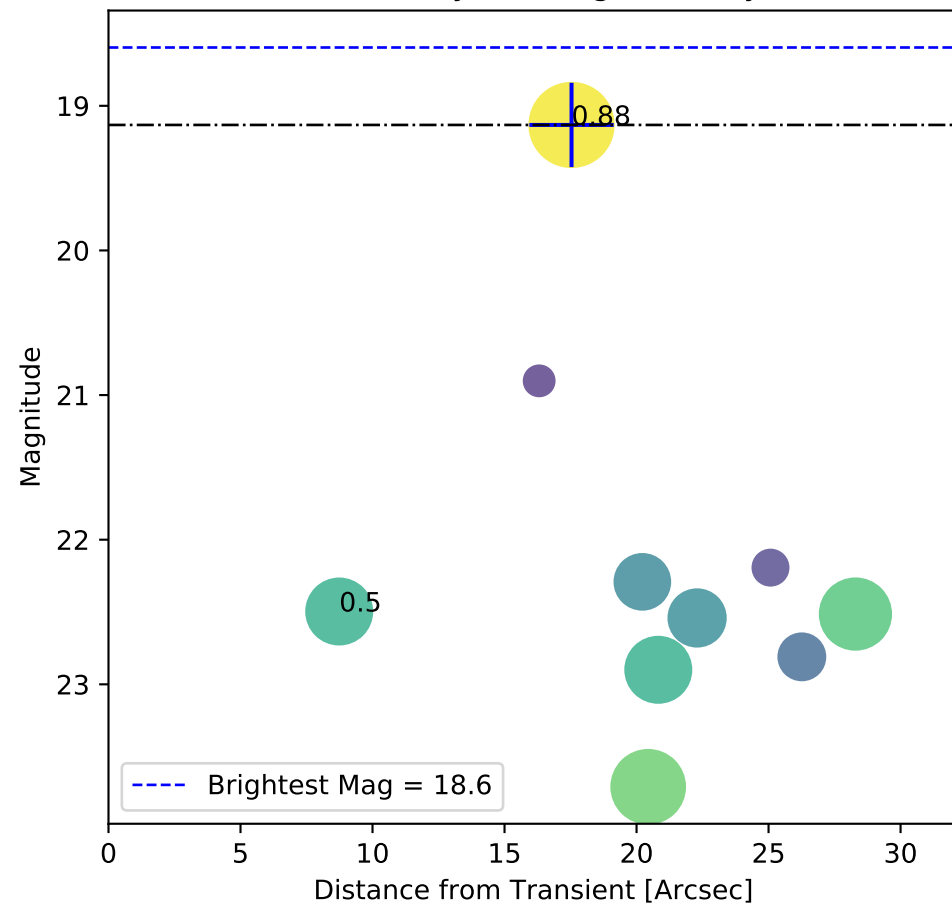
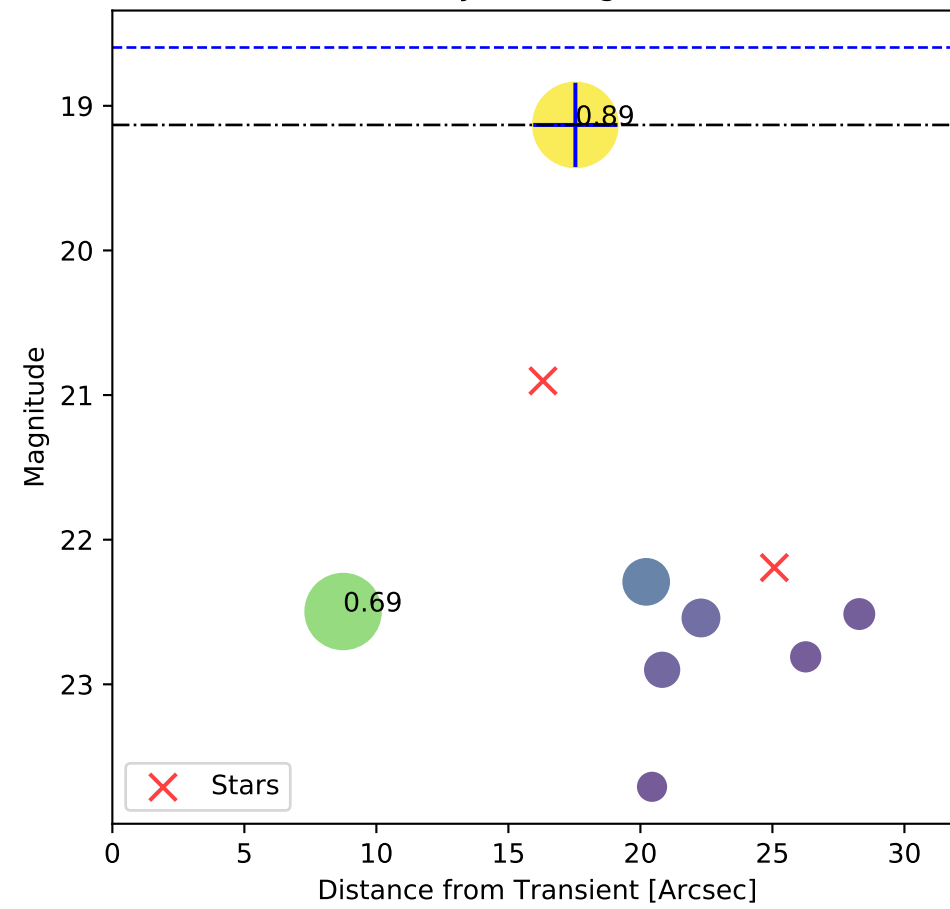


Probability of being a Galaxy



Probability of being the Host



AT2019bie ZTF19aakphow 2019-02-27

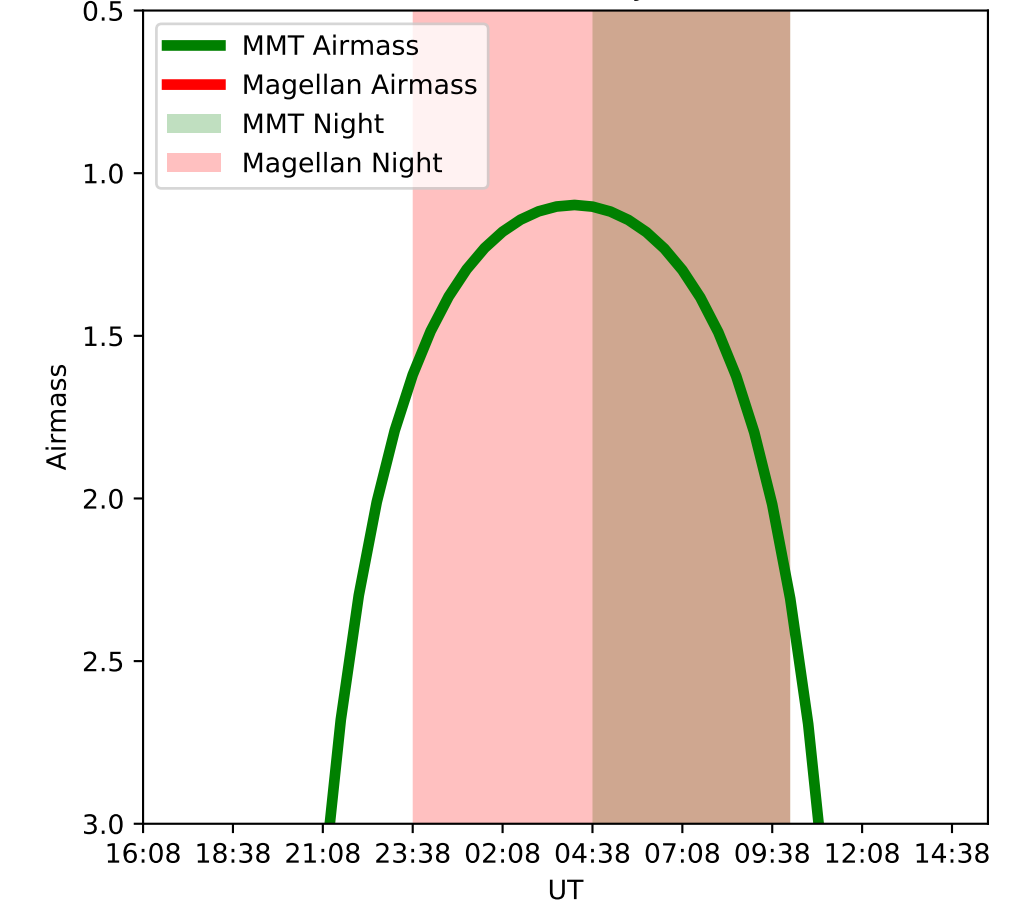
RA = 14:42:37.992 DEC = +56:08:11.04  
 220.6583 56.1364  
 l = 96.12317 b = 54.81713

SLSN-II  
 Filter = g - ZTF  
 $\Delta M = 19.87 - 18.6 = 1.27$   
 Size = 1.16"  
 Separation = 17.54"  
 Offset = 15.15  $R_e$

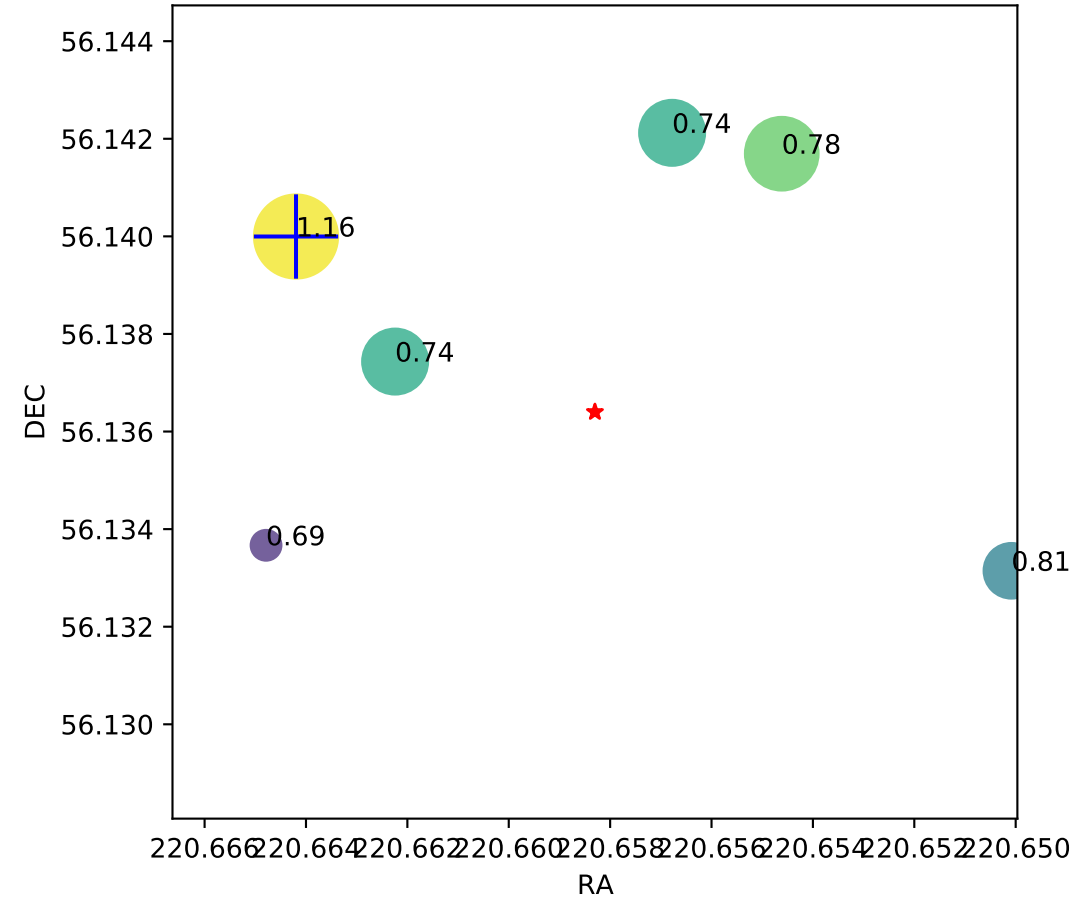
$z = 0.117$  (TNS)  
 $z = 0.157 \pm 0.038$  (SDSS)  
 Abs. Mag = -20.15

Galaxy (SDSS)  
 Galaxy (NED)  
 0.8, 1.0, 0.9, 0.8, 1.0, 0.9, 0.8, 0.9, 0.8, 0.9

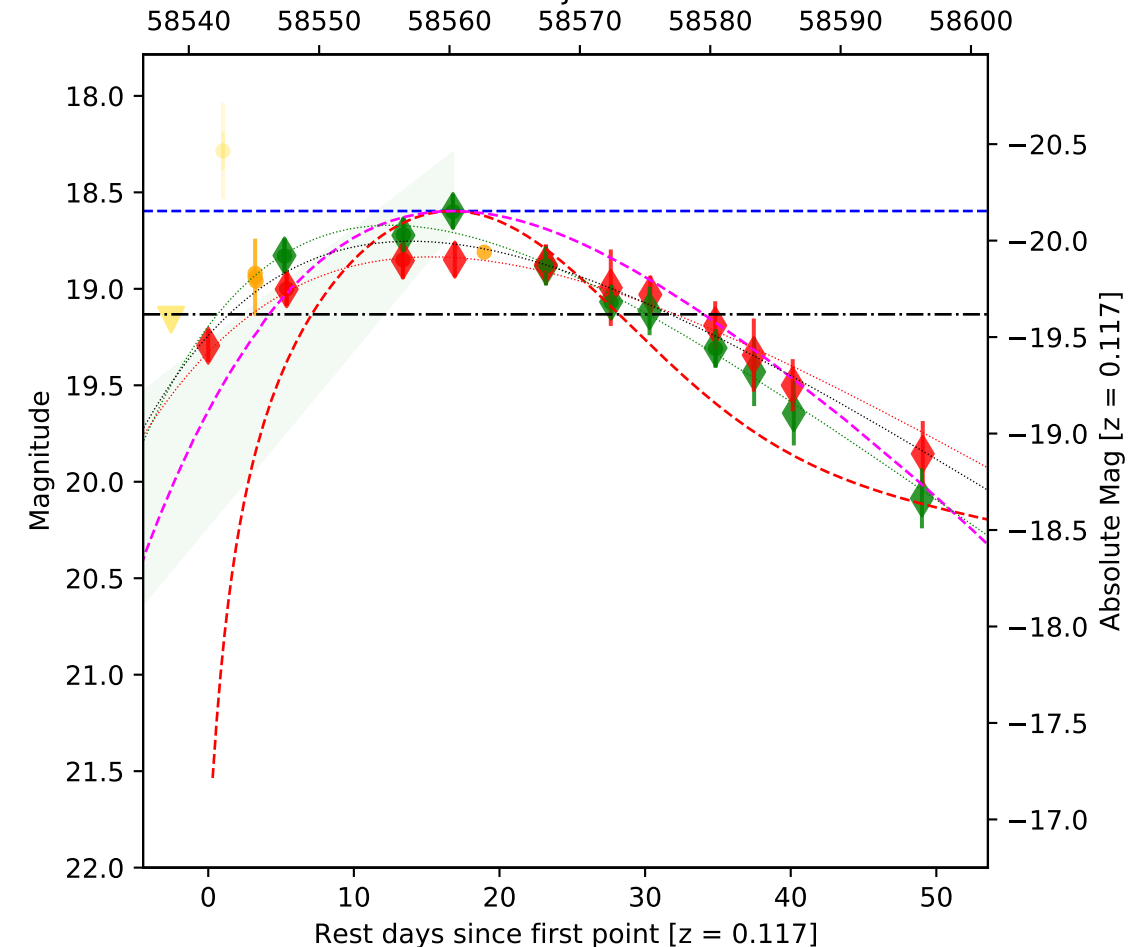
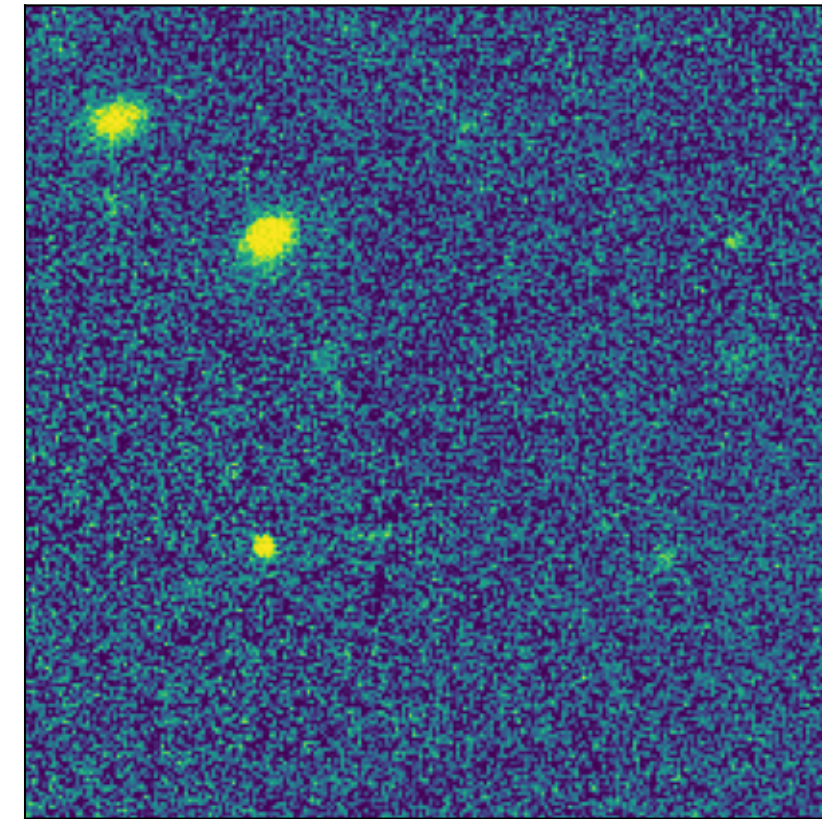
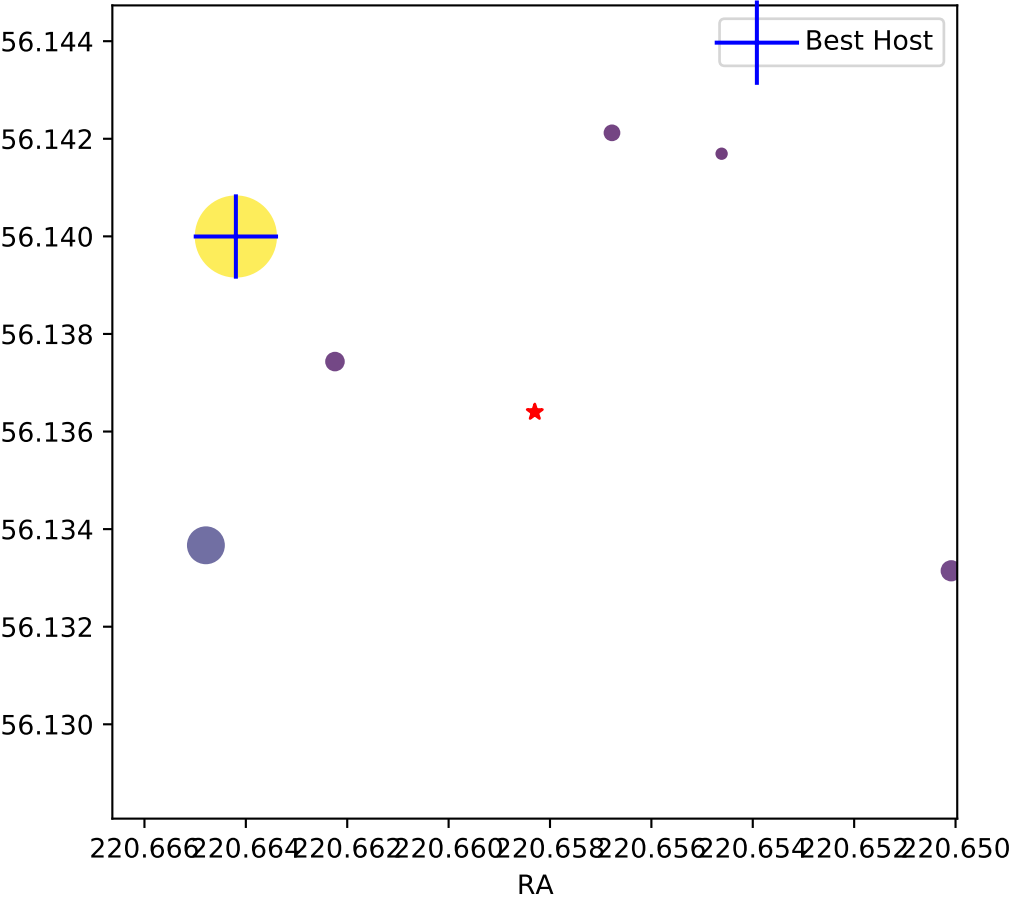
UT = 2020-06-18 MJD = 59018.7



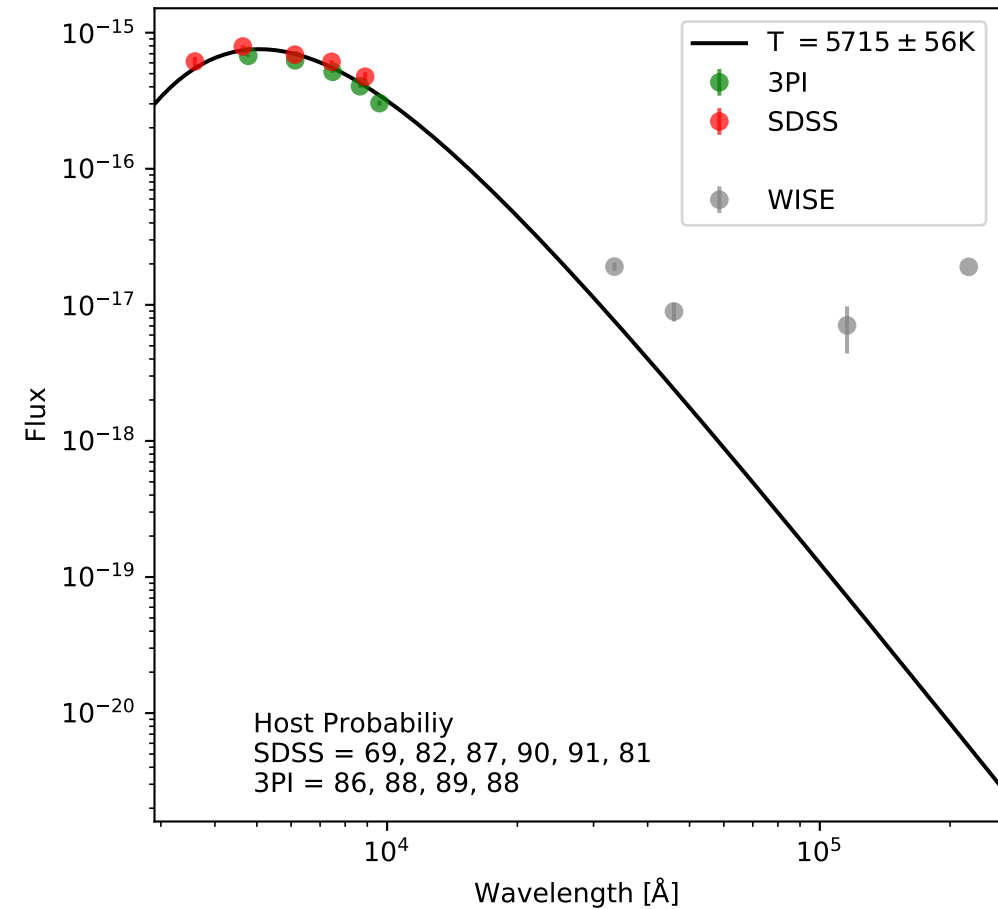
Probability of being a Galaxy (Size)



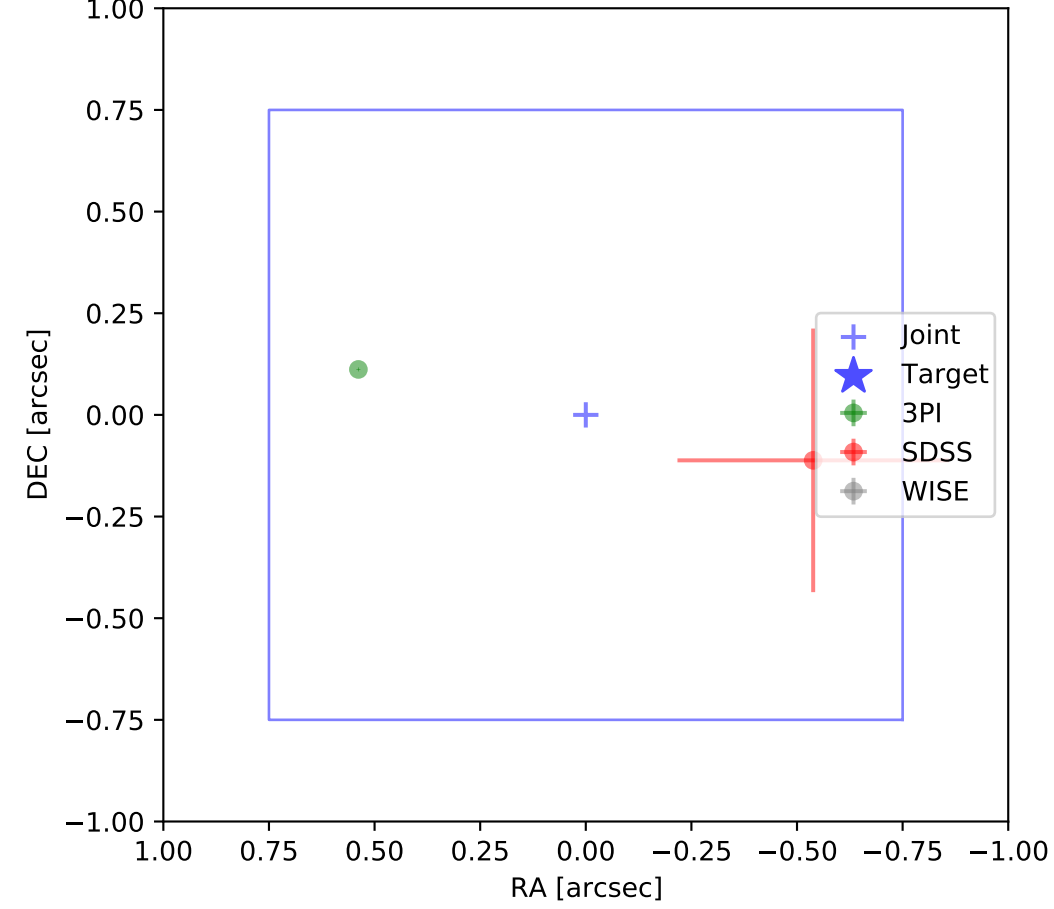
Magnitude



Best Host Blackbody



Closest Host



- ◆ ZTF
- OSC
- G
- g
- orange
- r