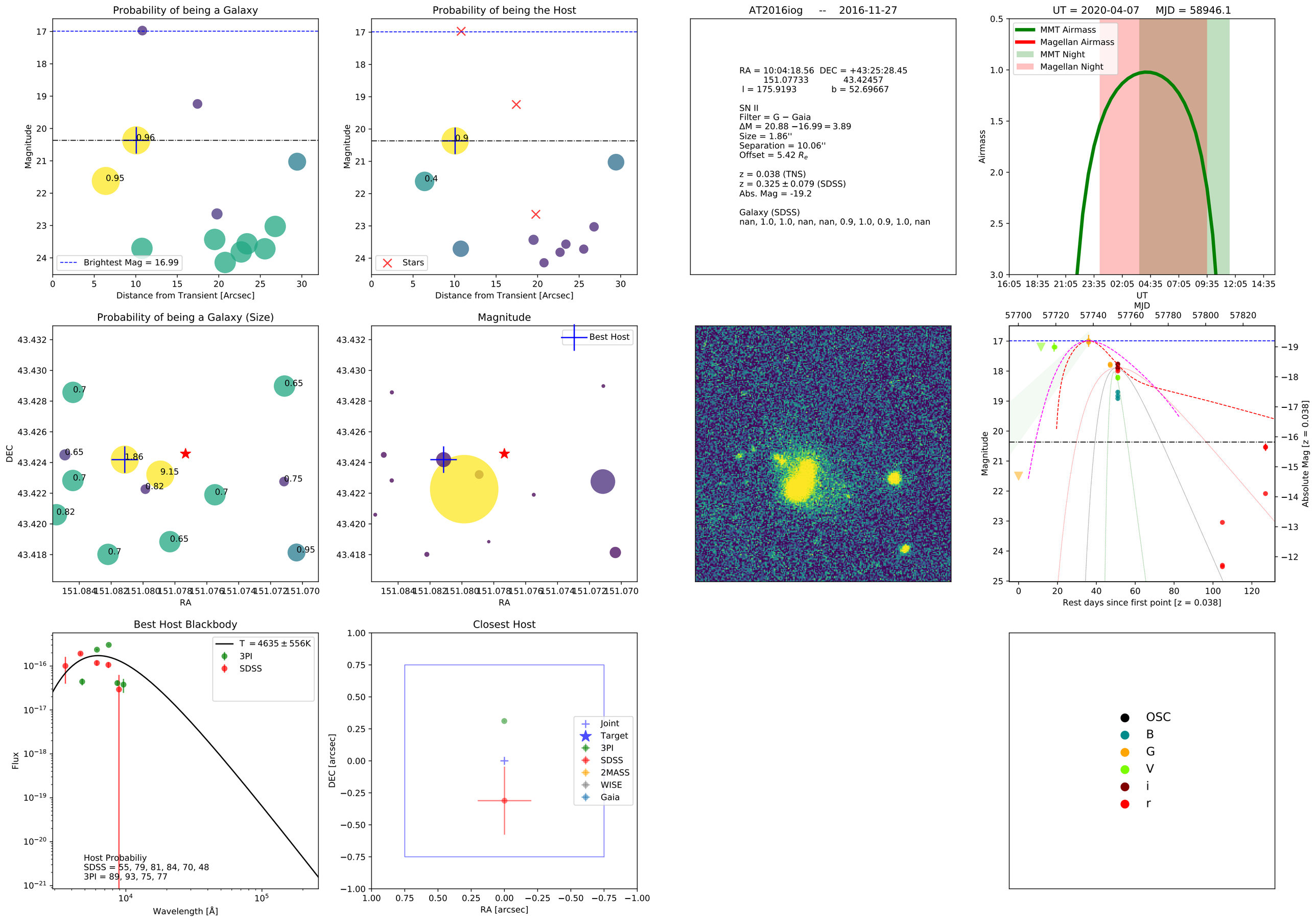
Probability of being a Galaxy
Magnitude
Distance from Transient [Arcsec]
Brightest Mag = 16.99
0.96
0.95
Probability of being the Host
Stars
0.9
0.4
AT2016iog -- 2016-11-27
RA = 10:04:18.56 DEC = +43:25:28.45
151.07733 43.42457
l = 175.9193 b = 52.69667
SN II
Filter = G − Gaia
ΔM = 20.88 −16.99 = 3.89
Size = 1.86''
Separation = 10.06''
Offset = 5.42 R_e
z = 0.038 (TNS)
z = 0.325 ± 0.079 (SDSS)
Abs. Mag = -19.2
Galaxy (SDSS)
nan, 1.0, 1.0, nan, nan, 0.9, 1.0, 0.9, 1.0, nan
UT = 2020-04-07 MJD = 58946.1
MMT Airmass
Magellan Airmass
MMT Night
Magellan Night
Airmass
UT
MJD
Probability of being a Galaxy (Size)
DEC
RA
1.86
9.15
0.82
0.7
0.65
0.75
0.95
Magnitude
Best Host
Absolute Mag [z = 0.038]
Rest days since first point [z = 0.038]
Best Host Blackbody
T = 4635 ± 556K
3PI
SDSS
Flux
Wavelength [Å]
Host Probabiliy
SDSS = 55, 79, 81, 84, 70, 48
3PI = 89, 93, 75, 77
Closest Host
DEC [arcsec]
RA [arcsec]
Joint
Target
3PI
SDSS
2MASS
WISE
Gaia
OSC
B
G
V
i
r