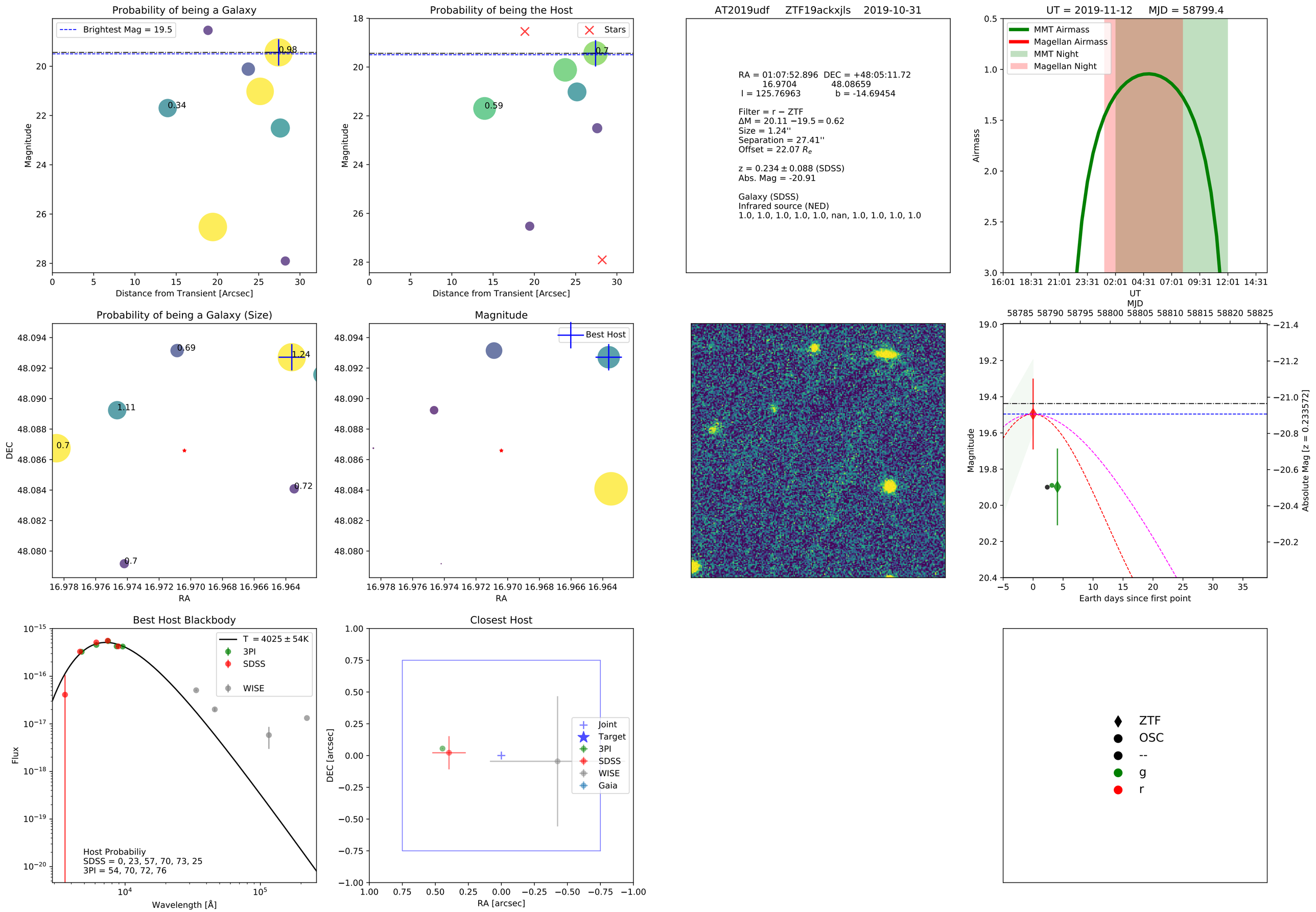
Probability of being a Galaxy
Brightest Mag = 19.5
0.98
0.34
Magnitude
Distance from Transient [Arcsec]
Probability of being the Host
Stars
0.7
0.59
Magnitude
Distance from Transient [Arcsec]
AT2019udf ZTF19ackxjls 2019-10-31
RA = 01:07:52.896 DEC = +48:05:11.72
16.9704 48.08659
l = 125.76963 b = -14.69454
Filter = r − ZTF
ΔM = 20.11 −19.5 = 0.62
Size = 1.24''
Separation = 27.41''
Offset = 22.07 R_e
z = 0.234 ± 0.088 (SDSS)
Abs. Mag = -20.91
Galaxy (SDSS)
Infrared source (NED)
1.0, 1.0, 1.0, 1.0, 1.0, nan, 1.0, 1.0, 1.0, 1.0
UT = 2019-11-12 MJD = 58799.4
MMT Airmass
Magellan Airmass
MMT Night
Magellan Night
Airmass
UT
MJD
Probability of being a Galaxy (Size)
0.69
1.24
1.11
0.7
0.72
0.7
DEC
RA
Magnitude
Best Host
RA
Magnitude
Absolute Mag [z = 0.233572]
Earth days since first point
Best Host Blackbody
T = 4025 ± 54K
3PI
SDSS
WISE
Host Probabiliy
SDSS = 0, 23, 57, 70, 73, 25
3PI = 54, 70, 72, 76
Flux
Wavelength [Å]
Closest Host
Joint
Target
3PI
SDSS
WISE
Gaia
DEC [arcsec]
RA [arcsec]
ZTF
OSC
--
g
r