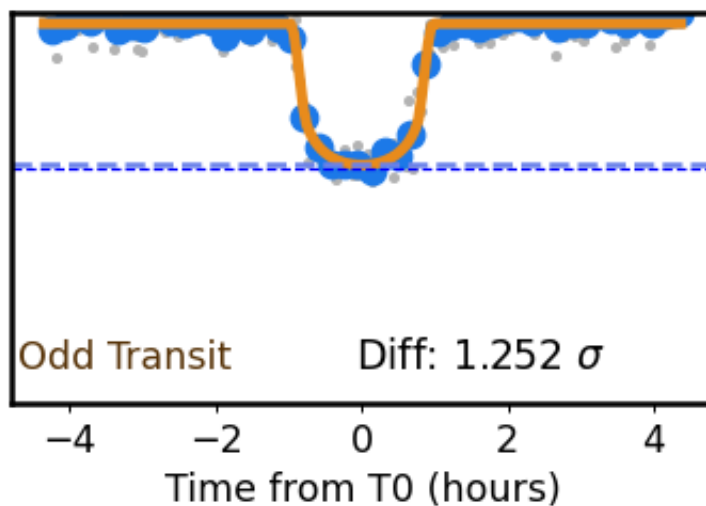
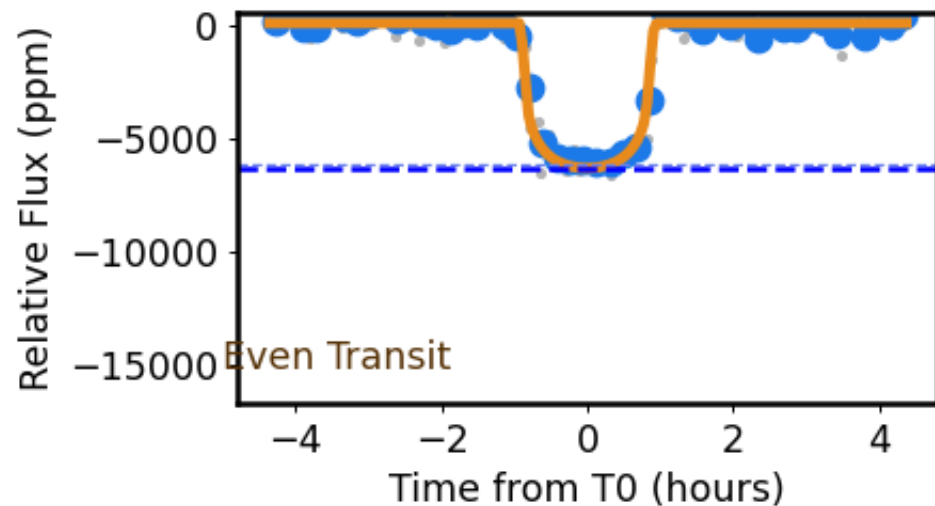
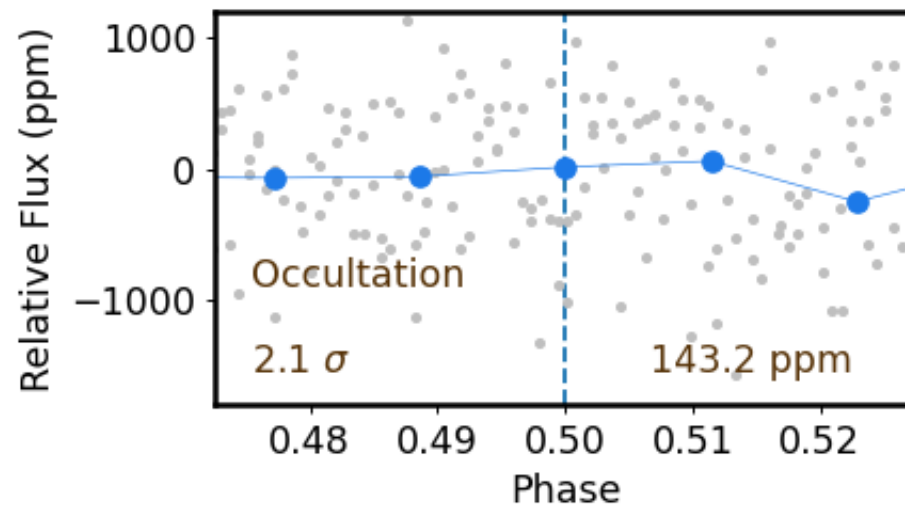
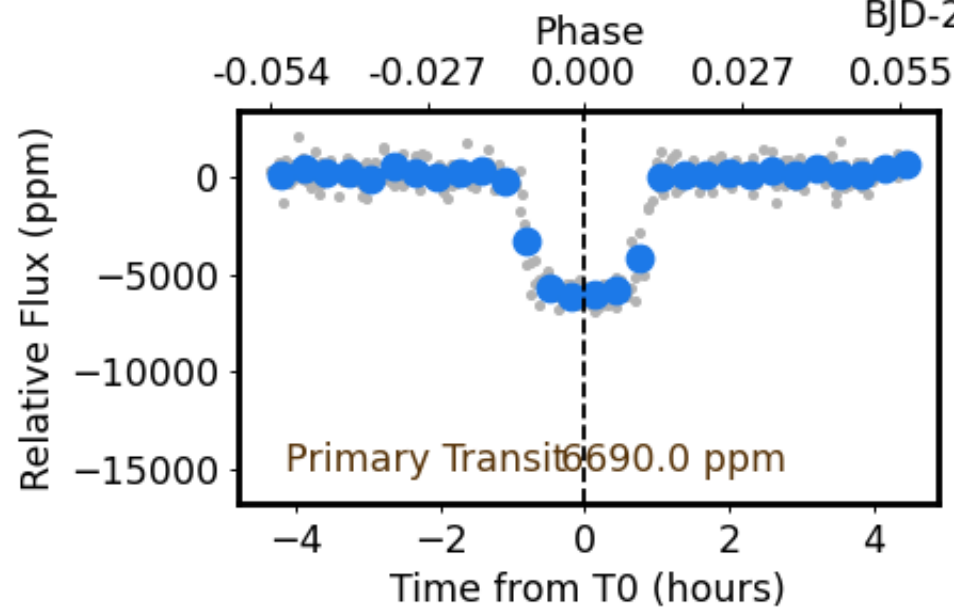
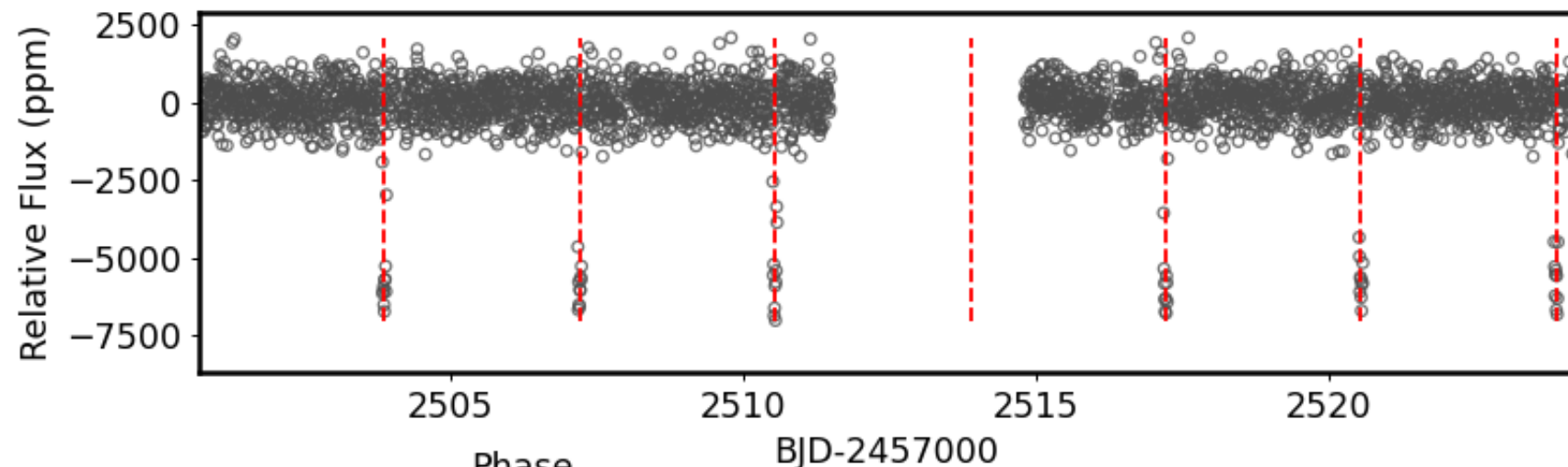


Detrended Full LC



TCE: *tess*19028197.01

$P = 3.336$ Day

$T_0 = 2503.874$ BJD

$R_p \sim 4.463$

$R_p/R_{star} \sim 0.082$

$T_{dur}/P \sim 0.025$

$T_{dur} \sim 1.998$ hr

$T_{12}/T_{14} \sim 0.185$

$SN_{BLS} \sim 35.4$ $SNR \sim 83.5$

Star: TIC19028197

$R_* \sim 0.5R_{\odot}$ $M_* \sim 0.5M_{\odot}$

$T_{eff} \sim 3552K$ $logg \sim 4.74$

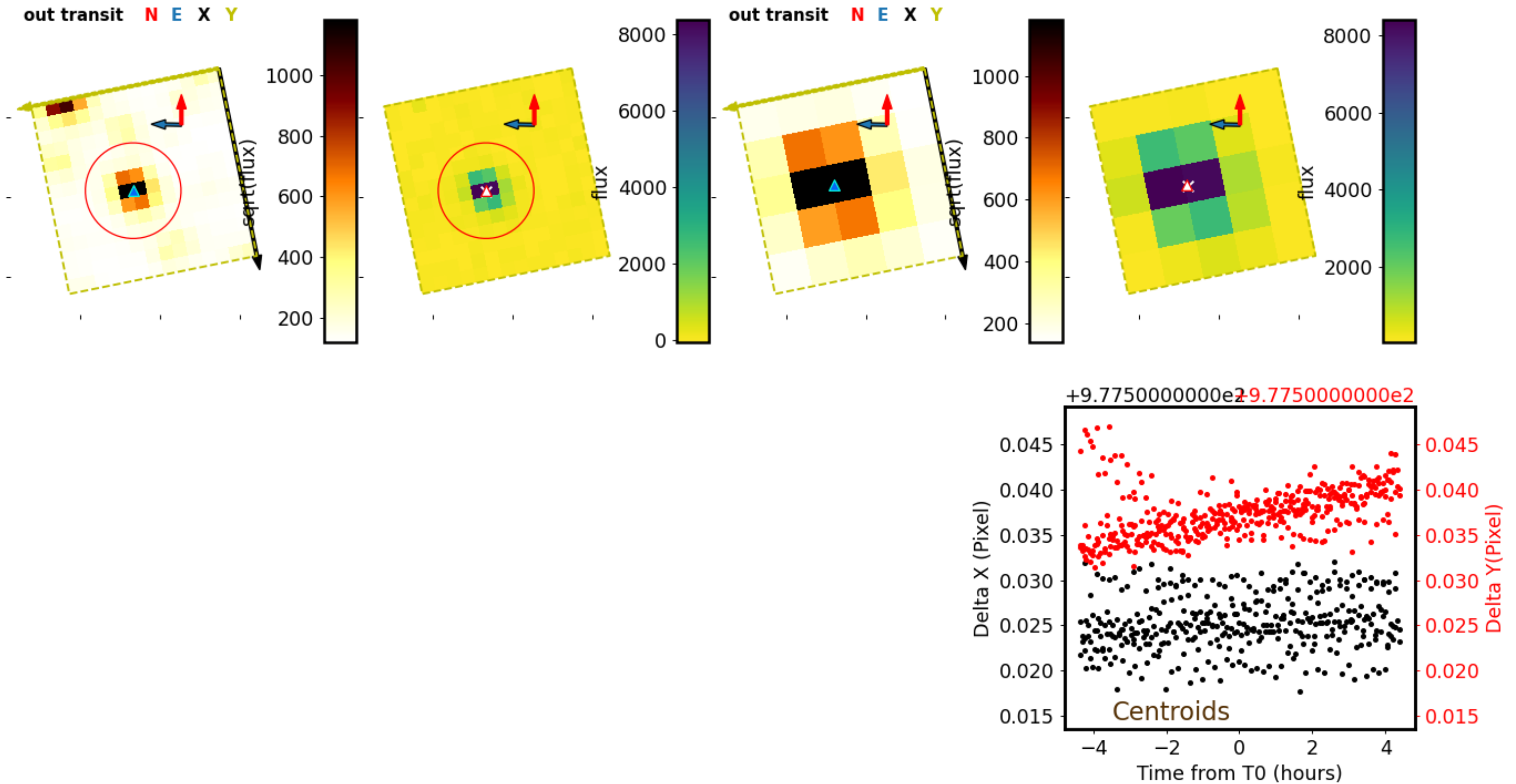
RA = 119.774 DEC = 15.391

TMag = 10.2 $J - K = 0.81$

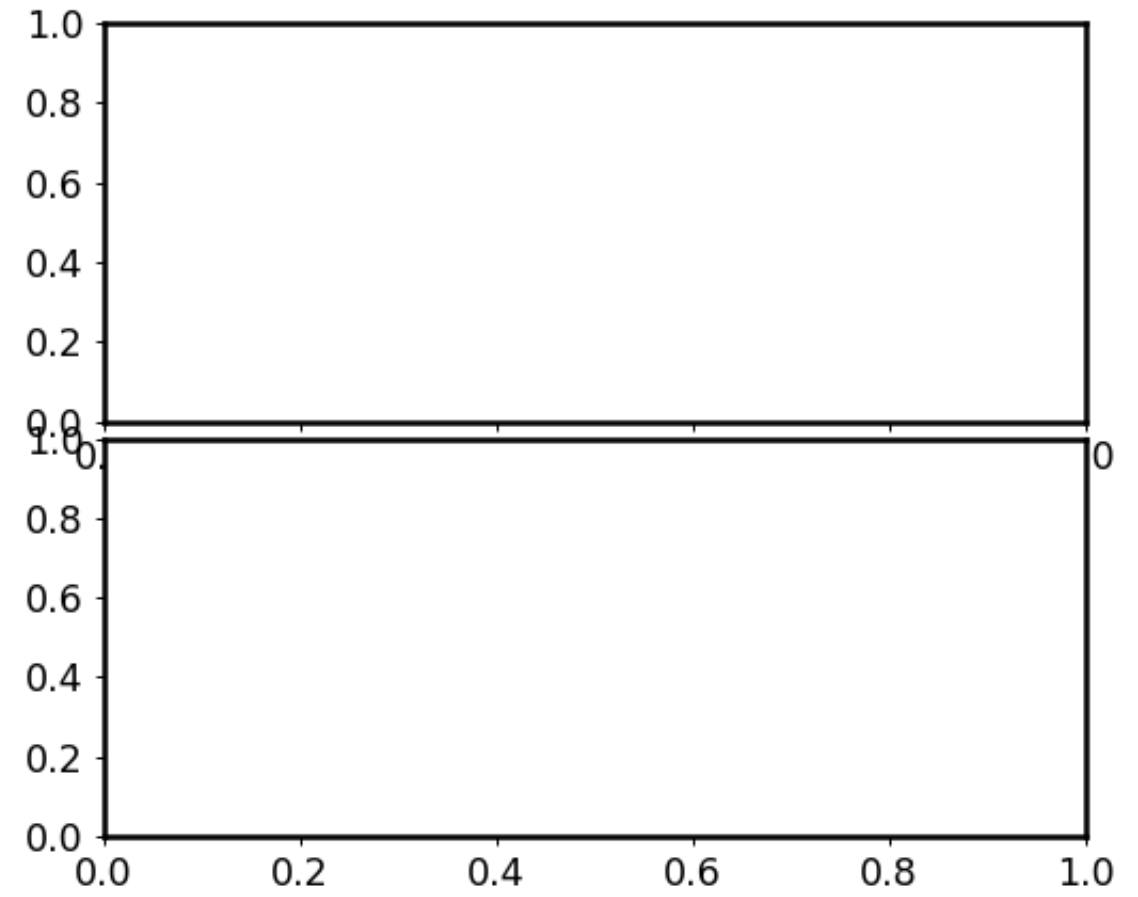
$gb - gr = nan$ $par = 34.0$

$pmra = -185.7$ $pmdec = -57.3$

19028197.01: Centroid Shift and Ephemeris Match (to most significant object)



19028197.01: Centroid Shift and Ephemeris Match (to most significant object)

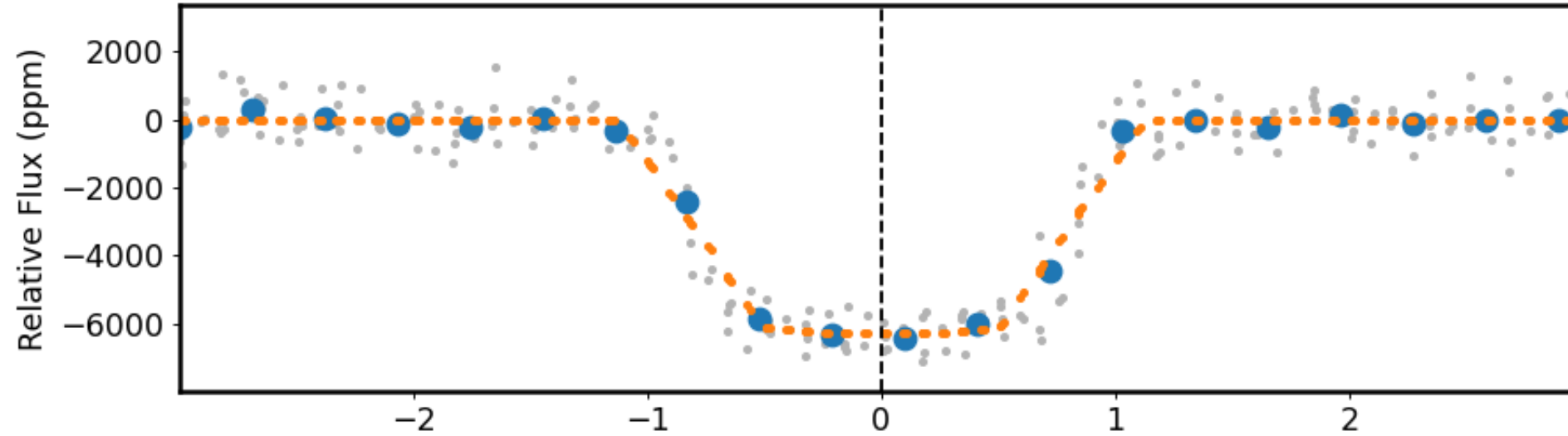


Epoch matching result: None

Near GJ 3470, P = 3.336650, Epoch = 55983.704210

M: RA: 119.774, DEC: 15.391 Mag: 10.2 x: 978.6 y: 913.0

19028197.01: Detailed transit fitting information



MCMC parameters

per: 3.336992853916289

inc: 89.25166329145624

ecc: 0.0

w: 90

u: [0.06324172827741881, 0.15403008549288916]

fp: None

t0: 2523.8928205 [2523.8922269, 2523.8934056]

b: 0.1981066 [0.0616243, 0.3602438]

a: 15.1682975 [14.3917646, 15.5976486]

rp: 0.0776522 [0.0764869, 0.0787138]

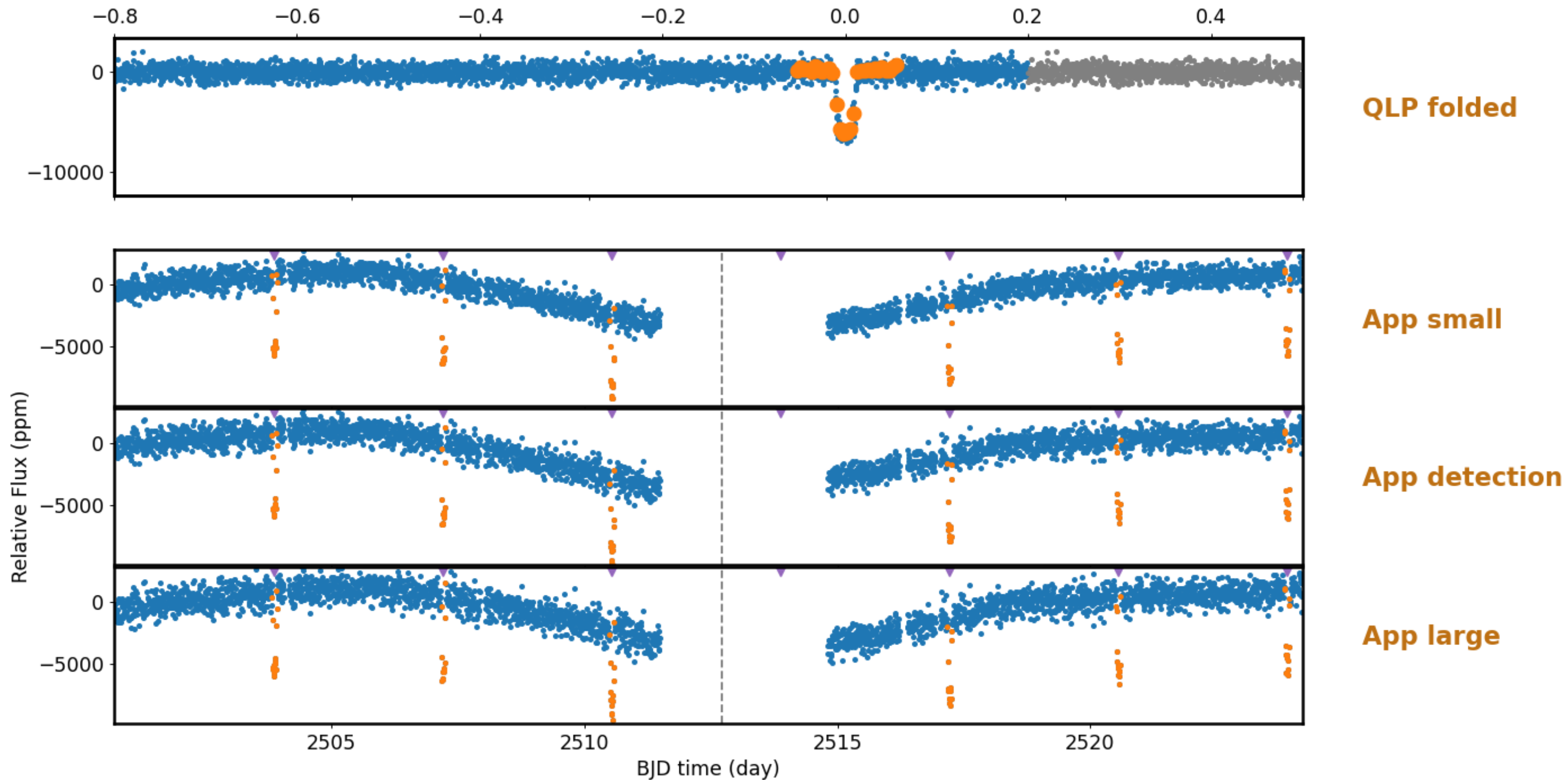
u1: 0.0632417 [0.0150695, 0.1499360]

u2: 0.1540301 [0.0457970, 0.3445337]

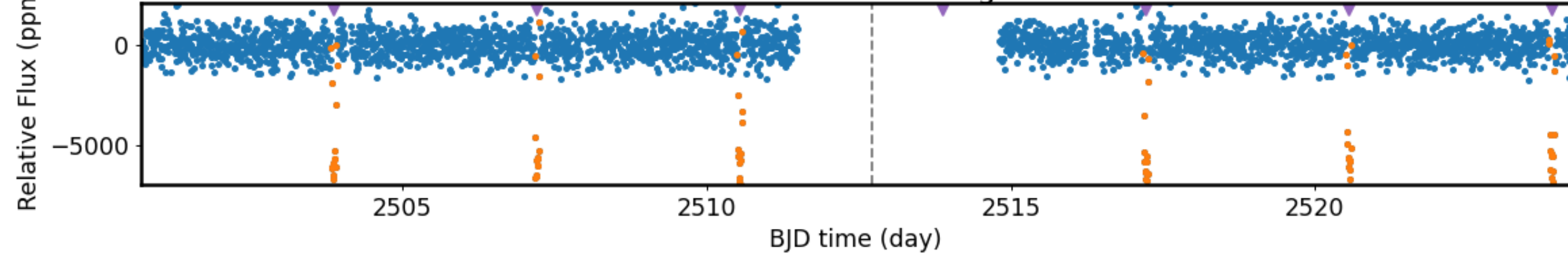
period: 3.3369929 [3.3368056, 3.3371665]

rhostarobs: 24.8 [21.2, 27]

19028197.01: Detailed raw light curve information



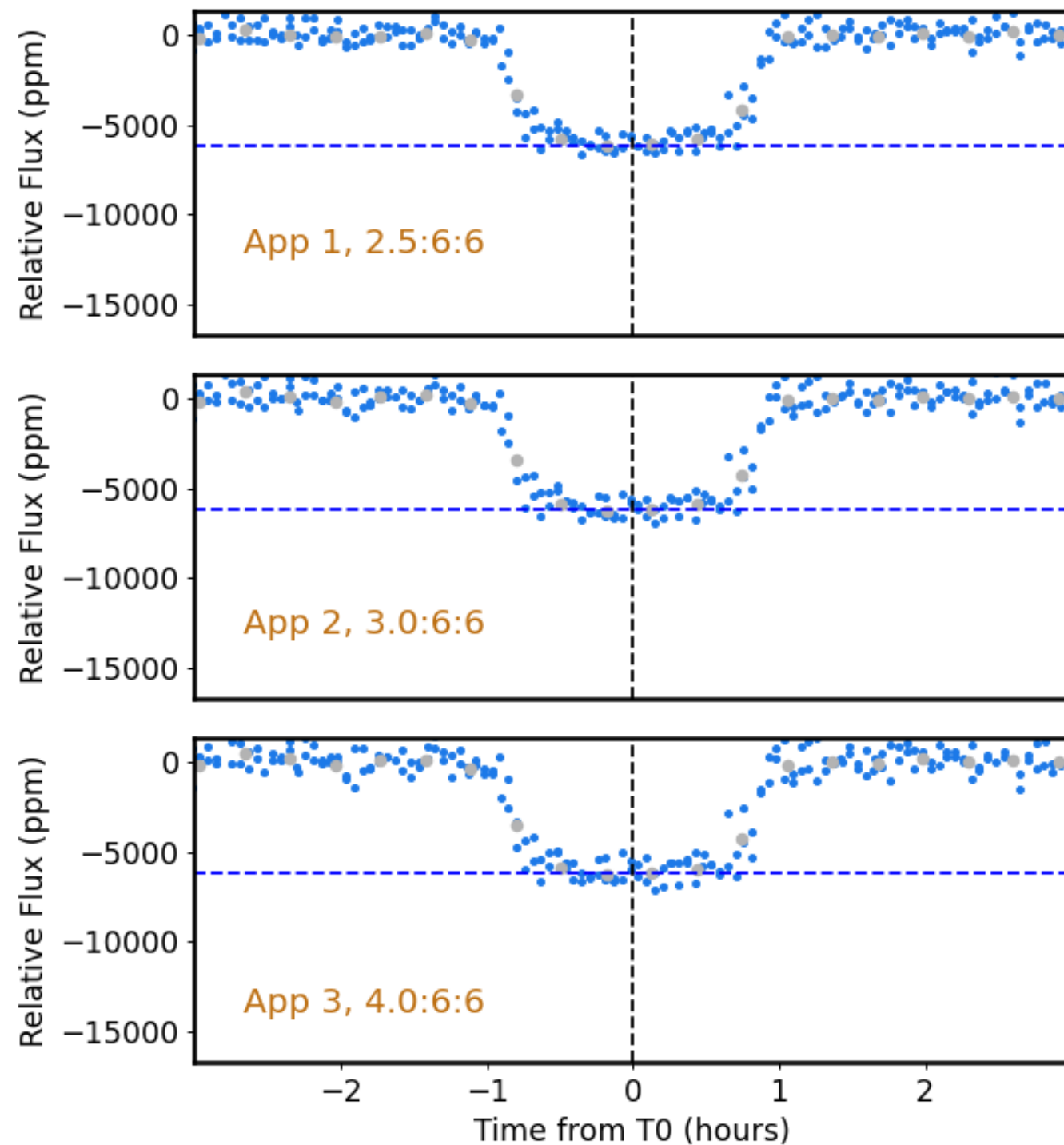
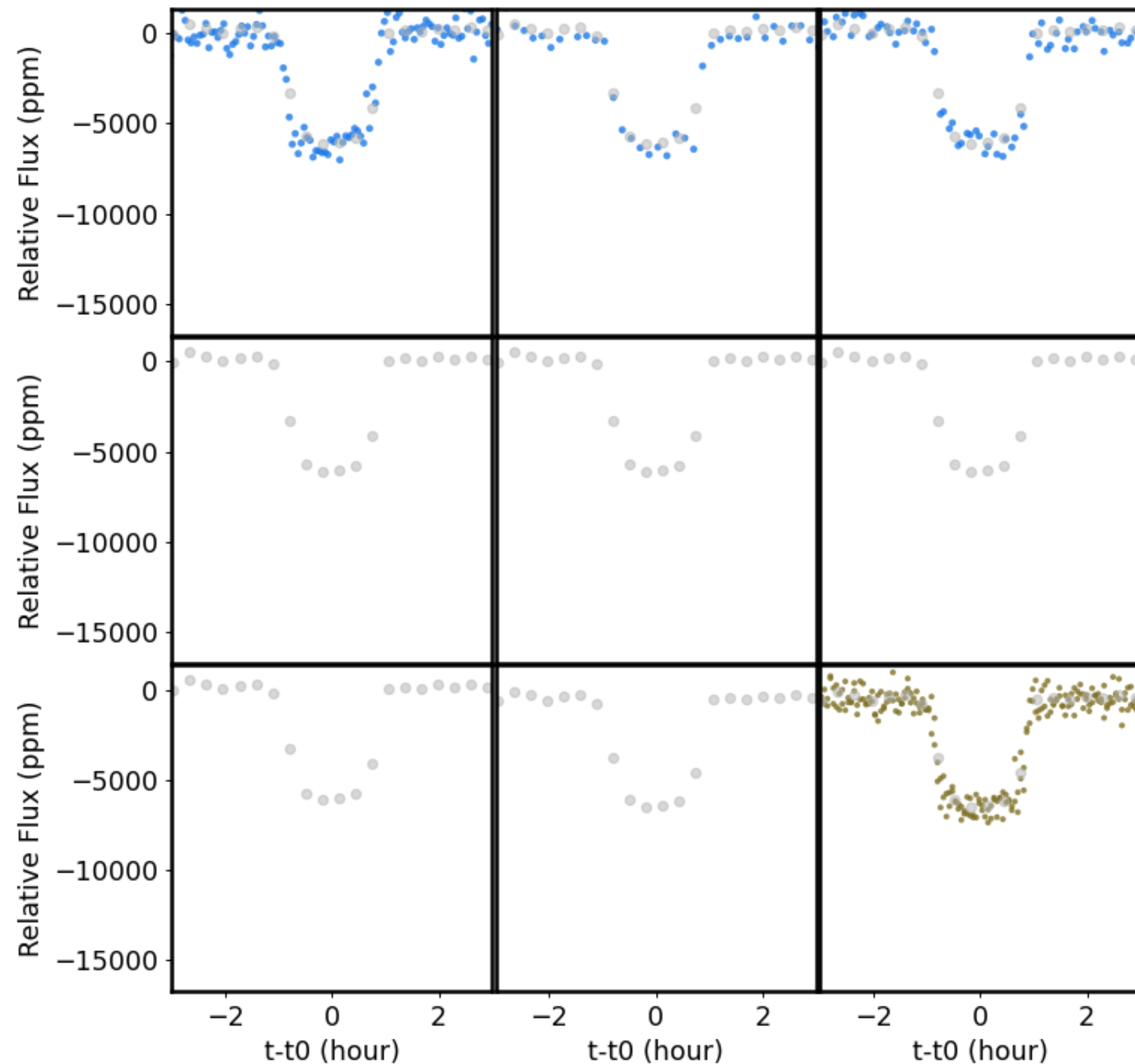
19028197.01: Detailed raw light curve information



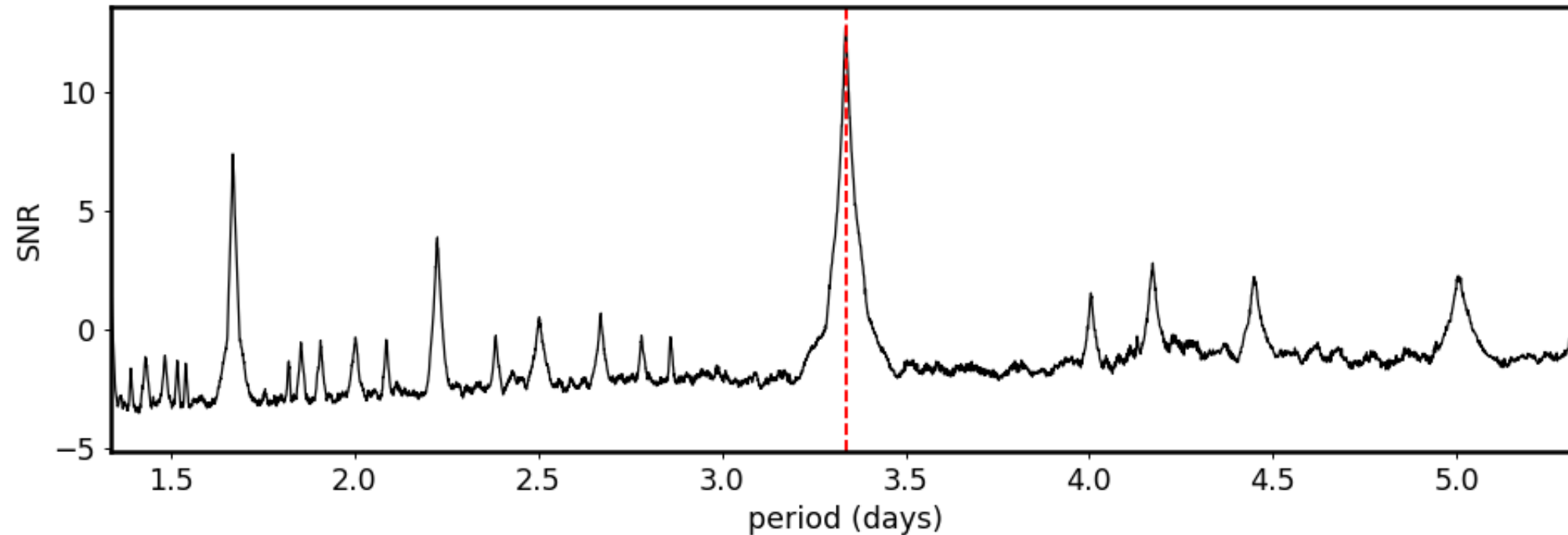
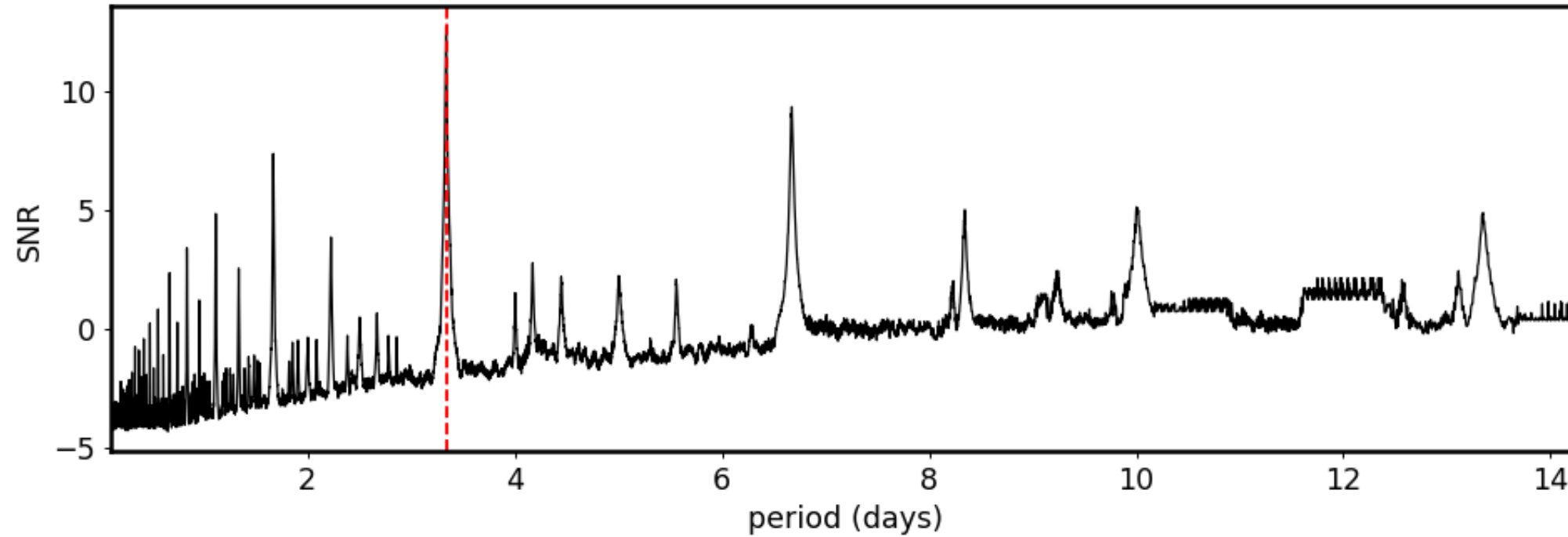
19028197.01: Detailed transit information

average of neighboring 2 transits

binned flux of all data



19028197.01: BLS Analysis



19028197: BLS Data:

Depth: 0.0067
Npointsaftertransit: 72
Npointsbeforetransit: 72
Npointsintransit: 72
Ntransits: 6
OOTmag: 10.2
Period: 3.336
Qingress: 0.185
Qtran: 0.025
Rednoise: 6e-05
SDE: 12.4
SN: 35.4
SR: 0.00089
SignaltoPinknoise: 83.51
Tc: 2503.8741
Whitenoise: 0.00065
deltaChi2: -0.0024
fraconenight: 0.19
i1: 0.94
i2: 0.96