

GD230ats – Model: Binary Lens with orbital motion 1

30 May 2023 UT 19:38:53

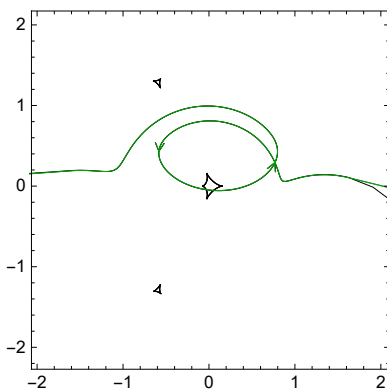
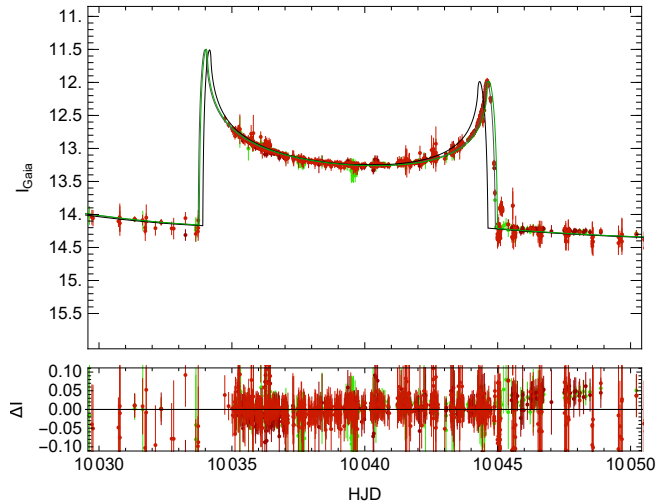
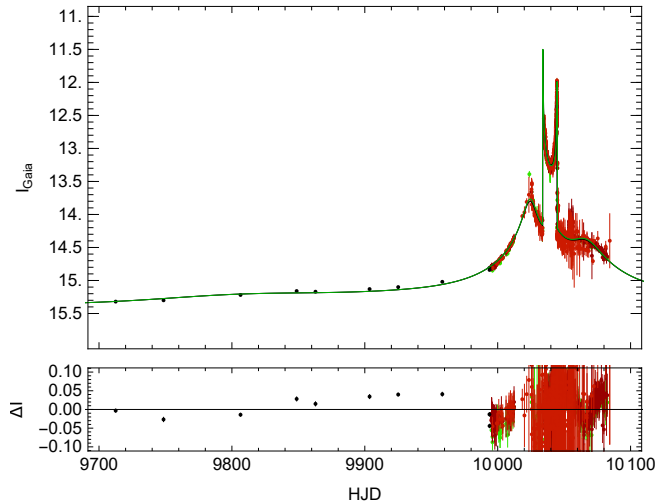
$s=0.56499\pm 0.000286584$ $q=0.340224\pm 0.00351144$ $u_0=-0.0473818\pm 0.0000381516$

$\alpha=3.01231\pm 0.00977912$ $\rho^*=0.00110289\pm 0.0000271352$ $tE=120.53\pm 0.550025$

$t_0=10037.1\pm 0.0196453$ $\pi N=0.175569\pm 0.00739997$ $\pi E=-0.136313\pm 0.0113061$

$(ds/dt)/s=0.00147762\pm 0.000172977$ $d\alpha/dt=0.0011195\pm 0.000413076$ $w_3=0.00751405\pm 0.000327471$

$\chi^2= 2828.04$



| Telescope | BaseLine | FB/FS |
|-------------|-------------------------|------------------------|
| g(DECAPS) g | 15.8694 ± 0.00687031 | 4.92874 ± 0.0480676 |
| i(DECAPS) i | 14.6123 ± 0.0048681 | 4.15281 ± 0.0289094 |
| r(APASS) r | 14.8015 ± 0.0188547 | 5.91053 ± 0.164633 |
| r r | 14.9796 ± 0.00573126 | 4.48795 ± 0.036185 |
| Gaia 2 | 15.3868 ± 0.0116913 | 1.5521 ± 0.0359934 |