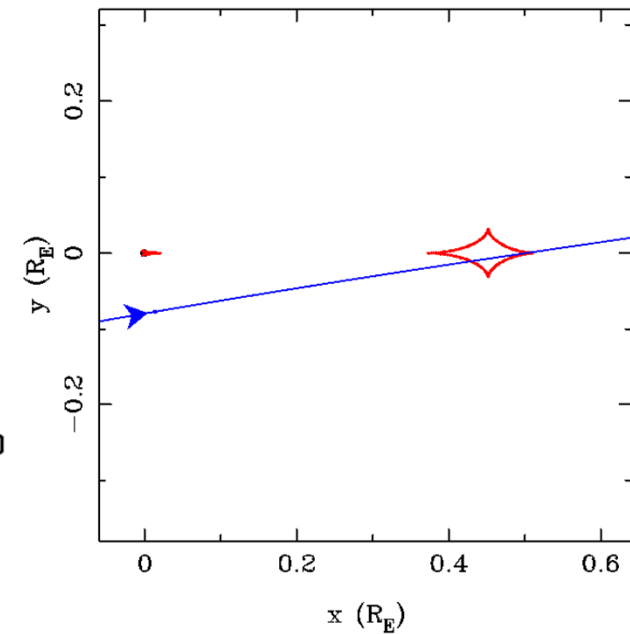
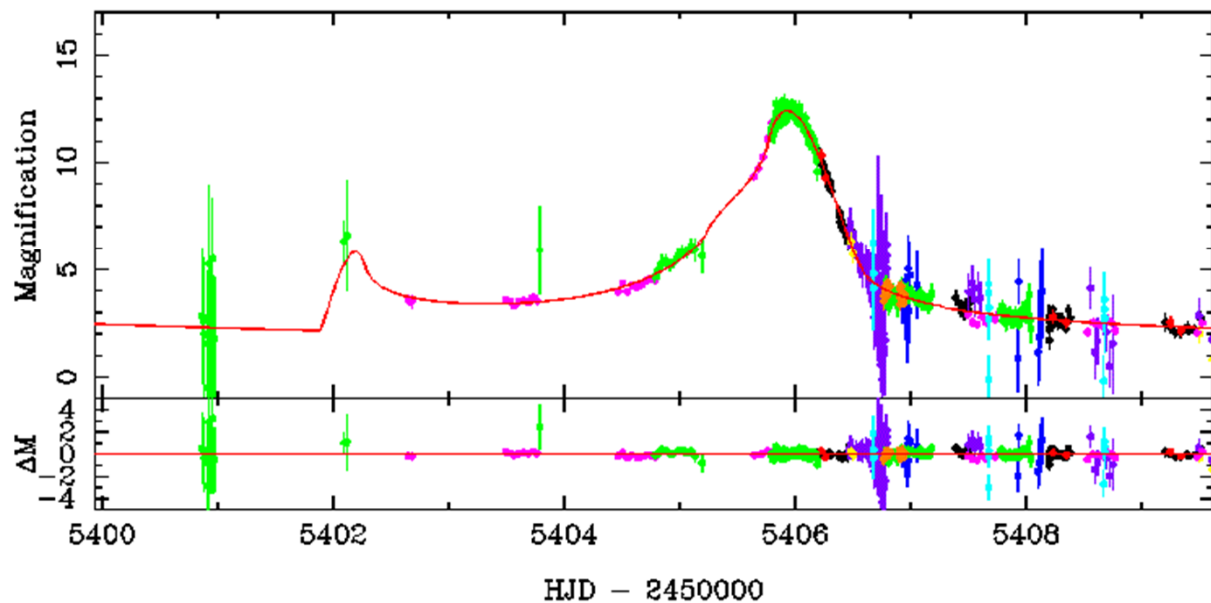
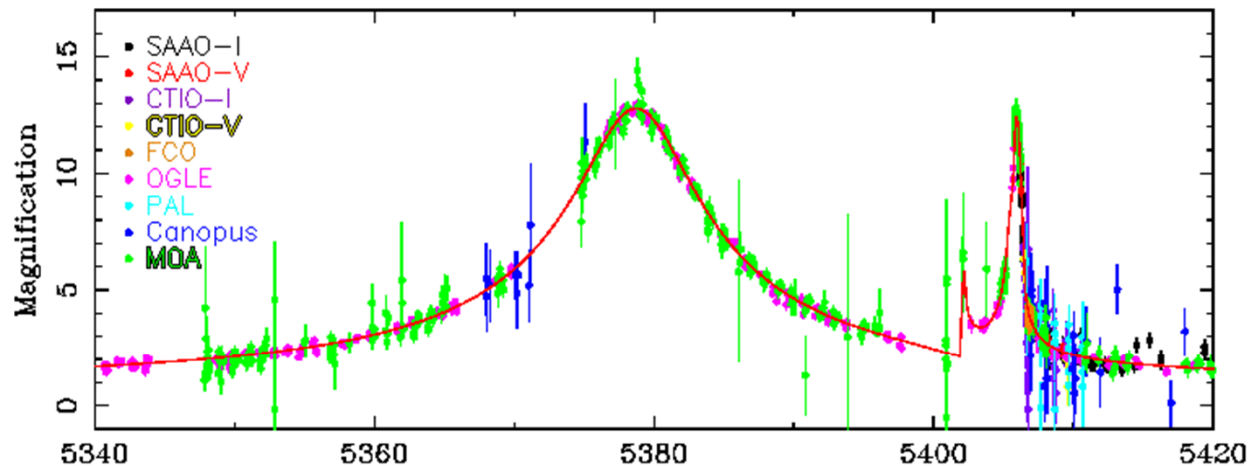


Planetary microlensing event MOA-2010-BLG-328

Kei Furusawa (Nagoya University)



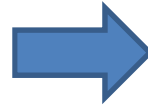
$$q = 8.8 \times 10^{-4}$$
$$s = 1.25$$

Including finite,
Limb darkening, parallax

Physical parameter

parameter	value
t_0	5378.77
t_E	58.2
u_0	-7.7×10^{-2}
q	8.8×10^{-4}
d	1.25
α	-0.17
ρ	1.8×10^{-3}
$\underline{\pi}_E$	0.50

preliminary



parameter	value	error
$M(M_\odot)$	0.14	0.02
$m(M_{\text{Earth}})$	40	5
separation(AU)	1.7	0.3
$\mu(\text{mas/year})$	3.5	0.4
$D_l(\text{kpc})$	2.5	0.2

Primary star is a M dwarf.
Planet mass is $40 M_{\text{Earth}}$