

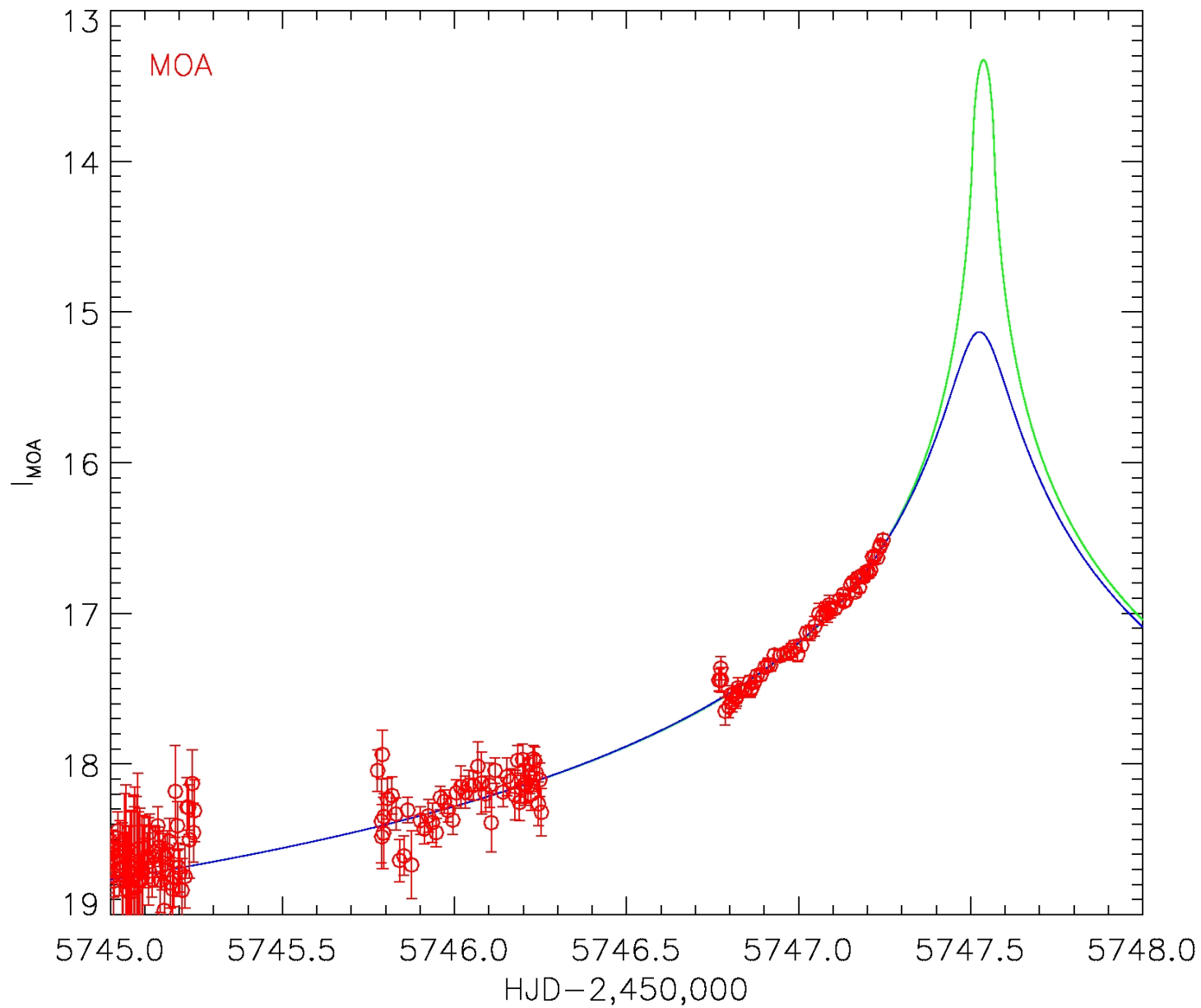


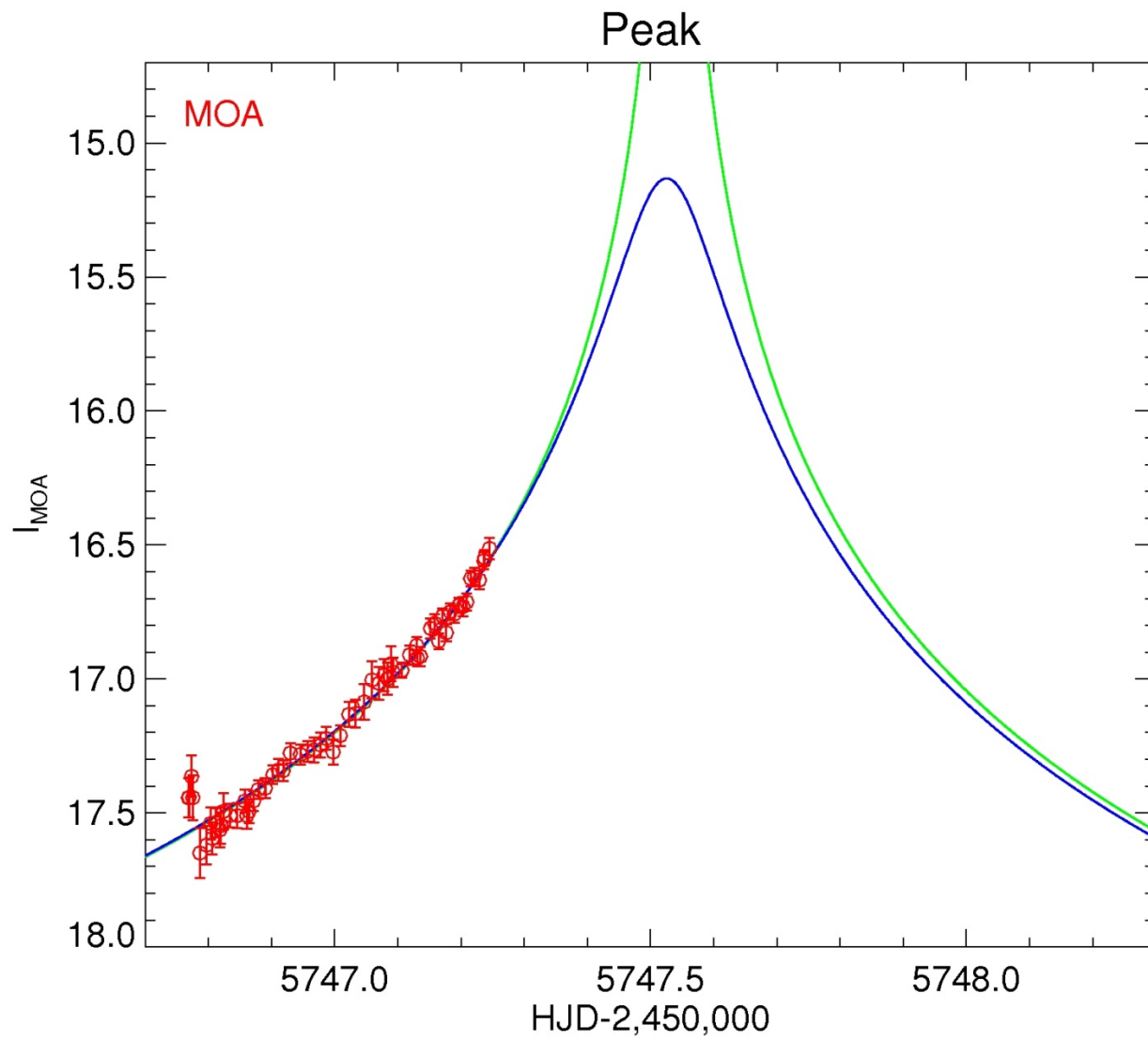
MOA-2011-BLG-293

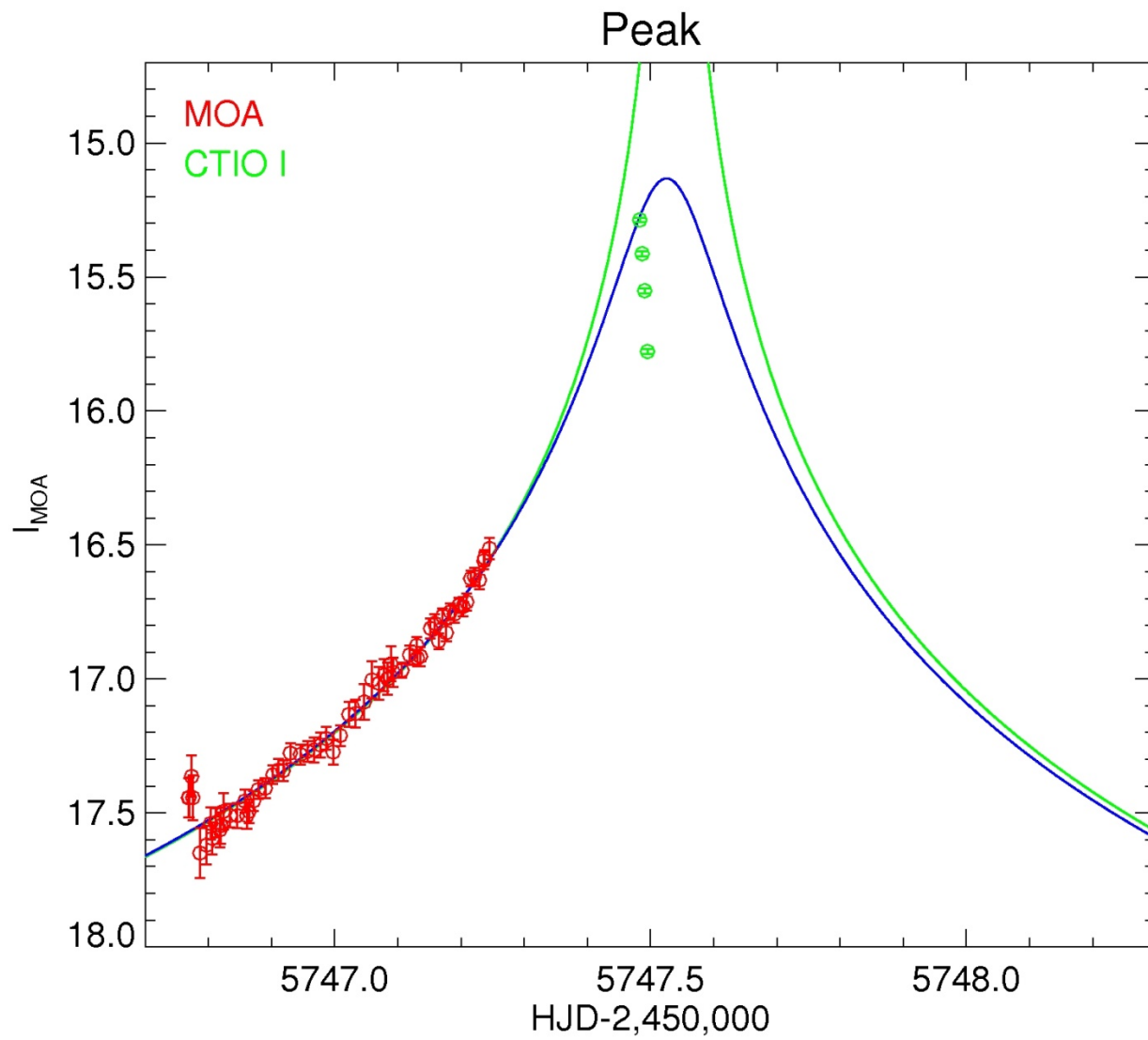
Jennifer Yee
Ohio State University

in collaboration with
OGLE, MOA, MicroFUN

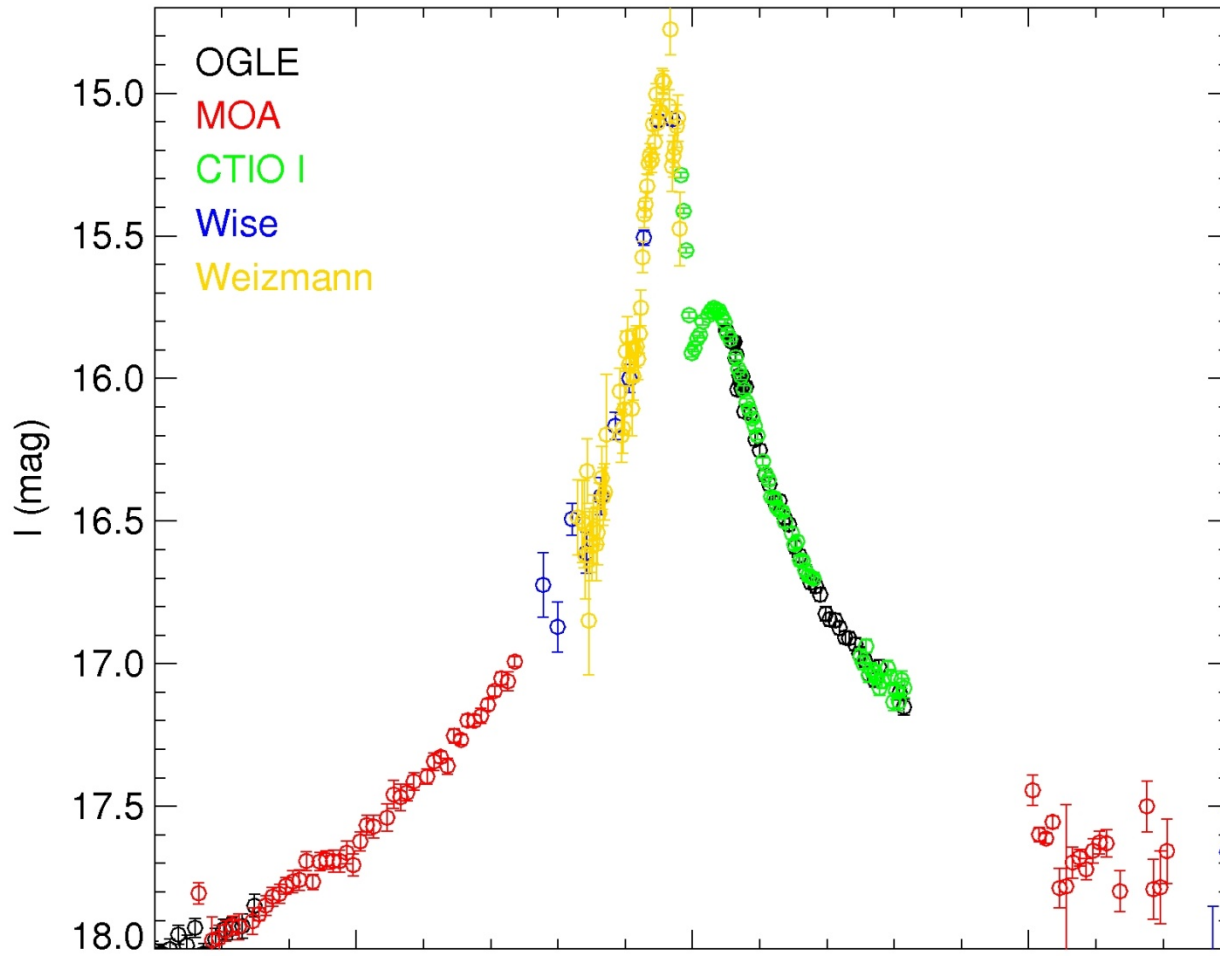
Peak



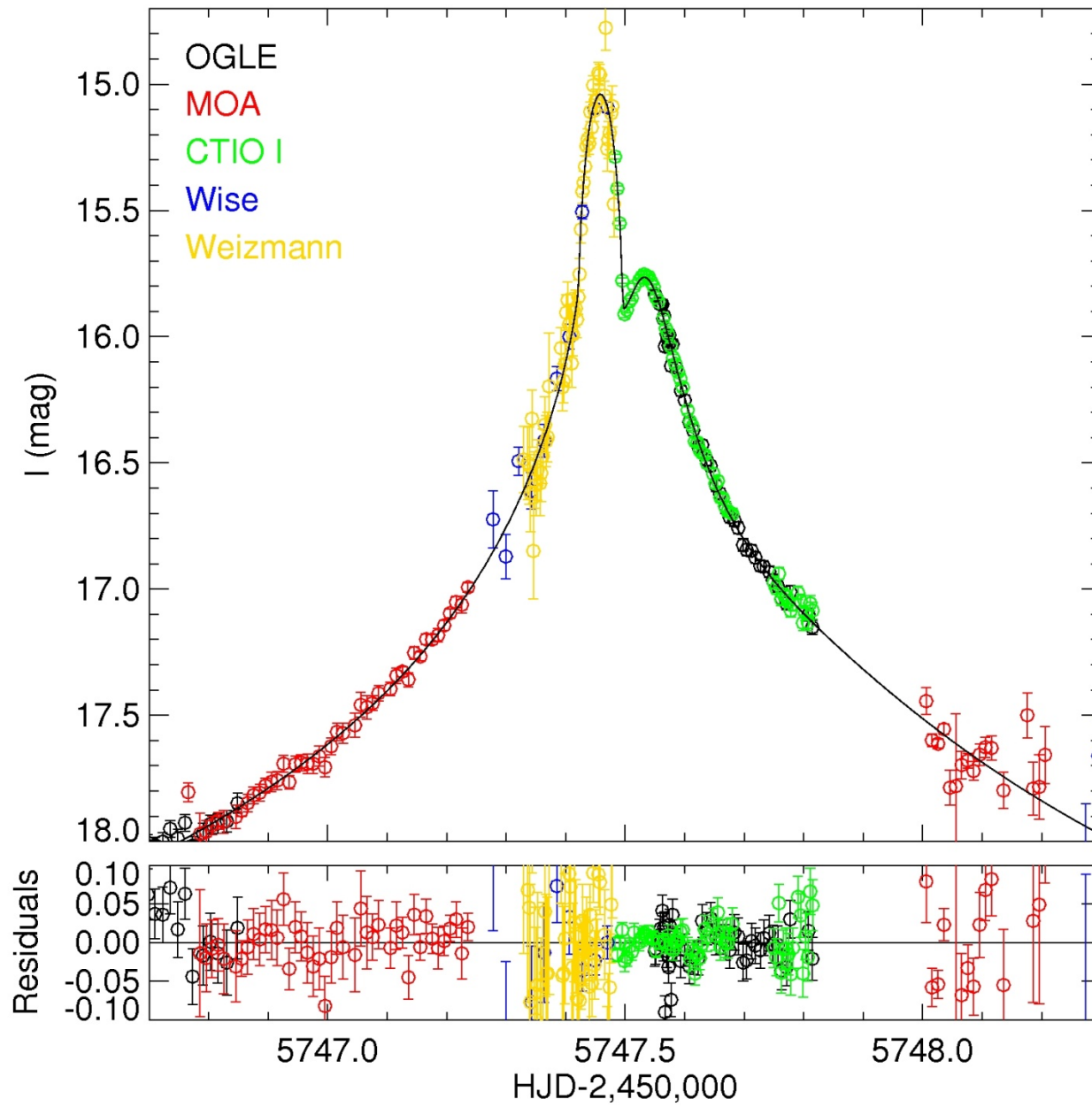




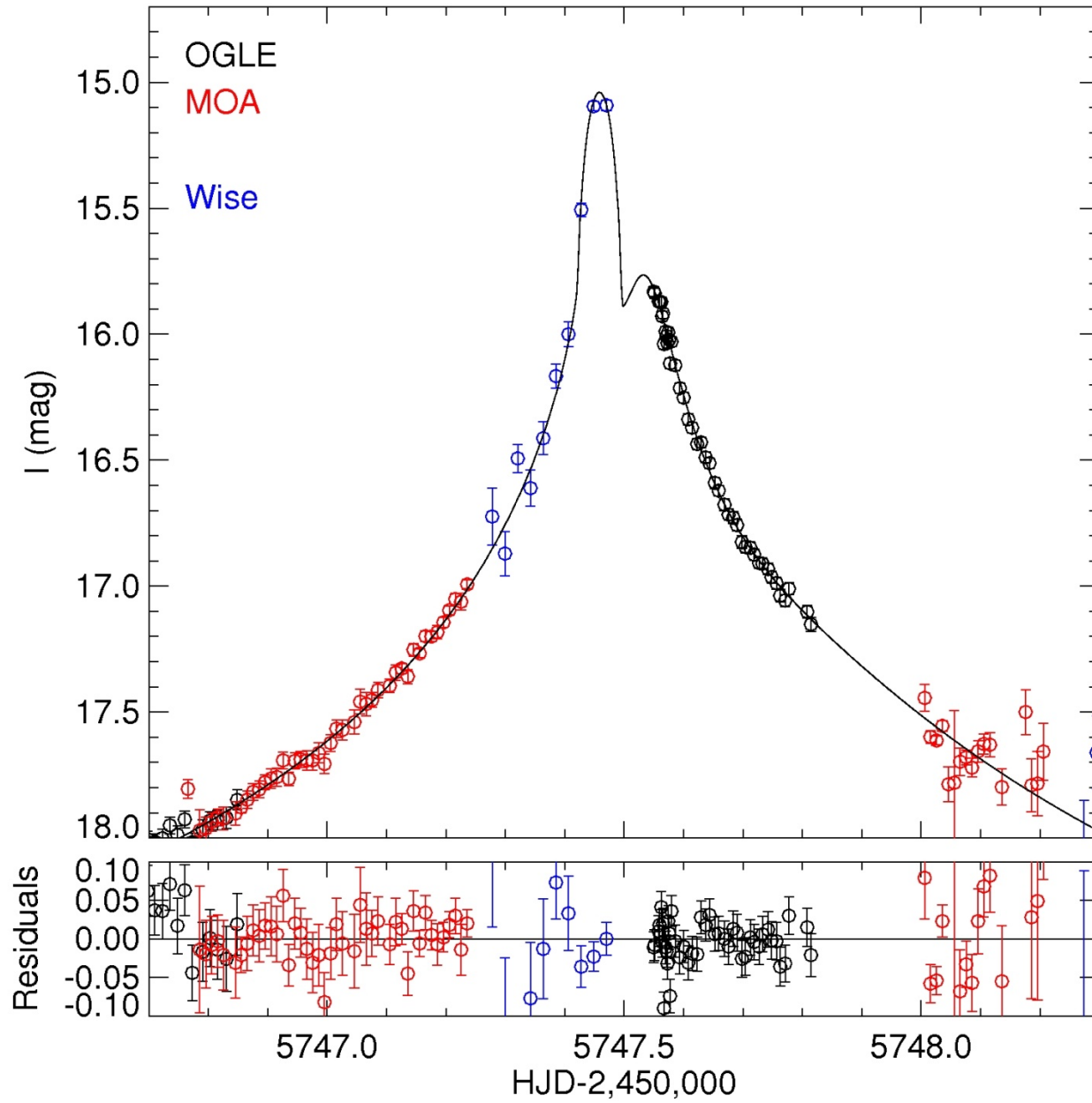
MOA-2011-BLG-293



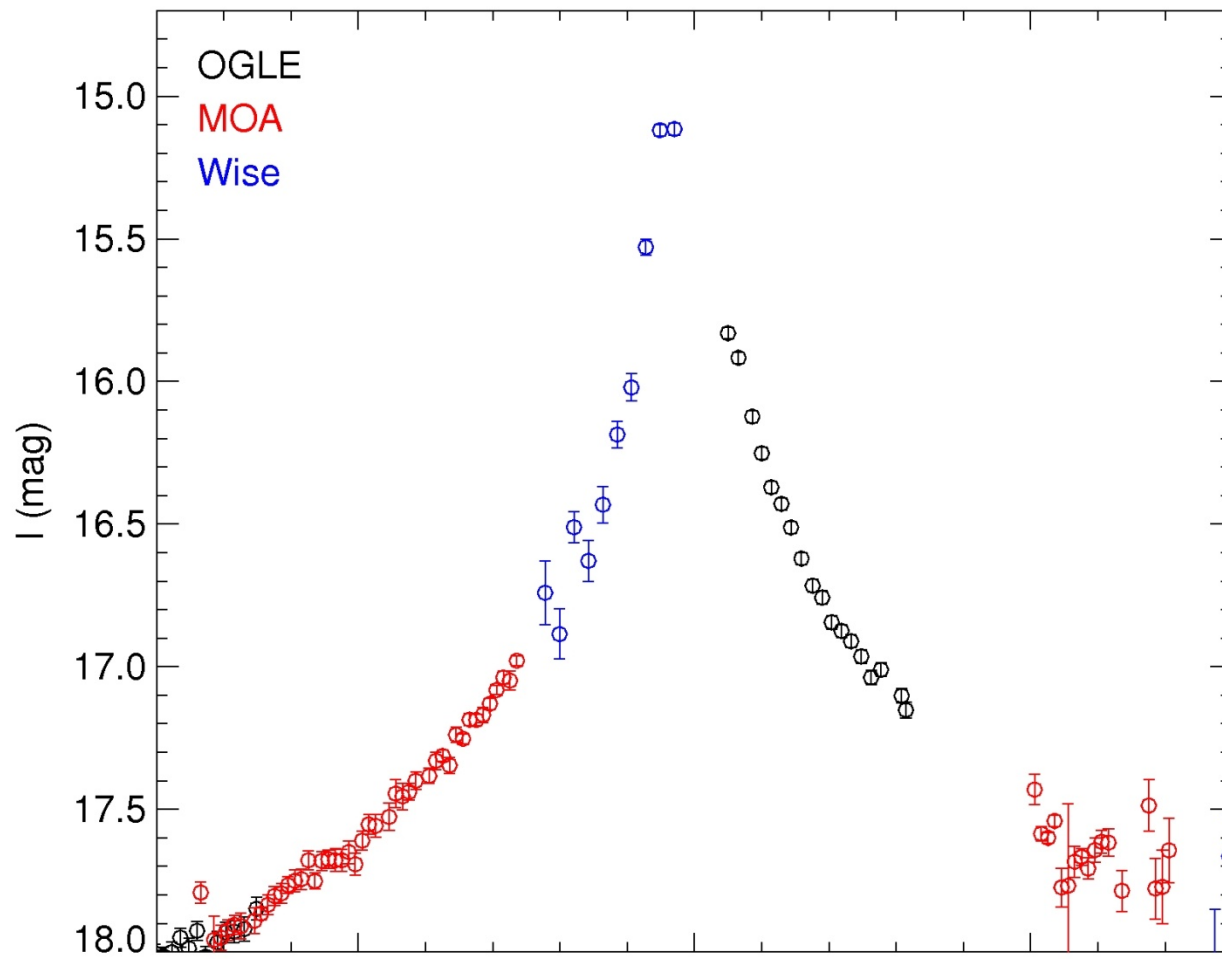
MOA-2011-BLG-293



MOA-2011-BLG-293



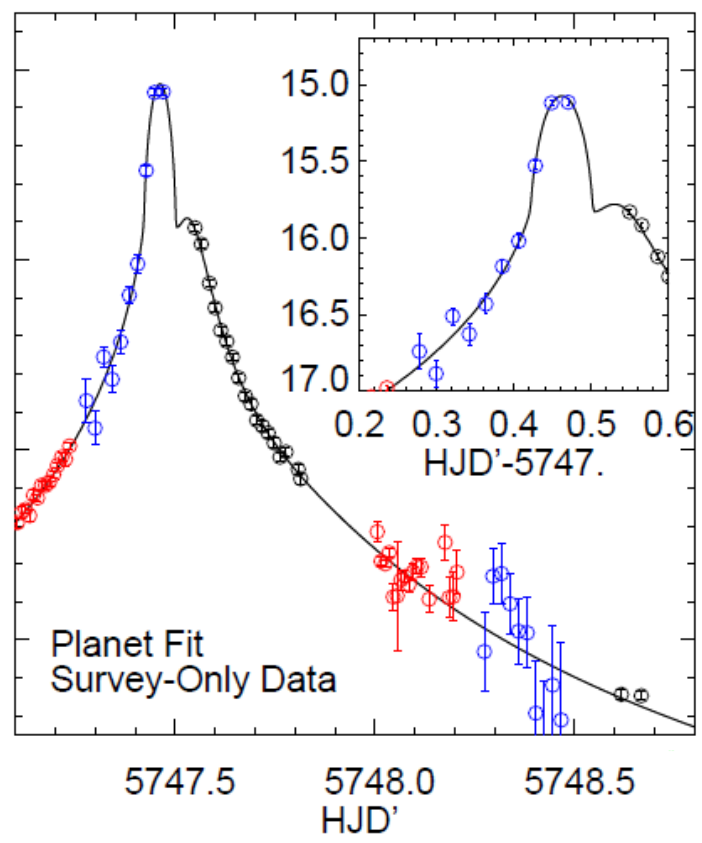
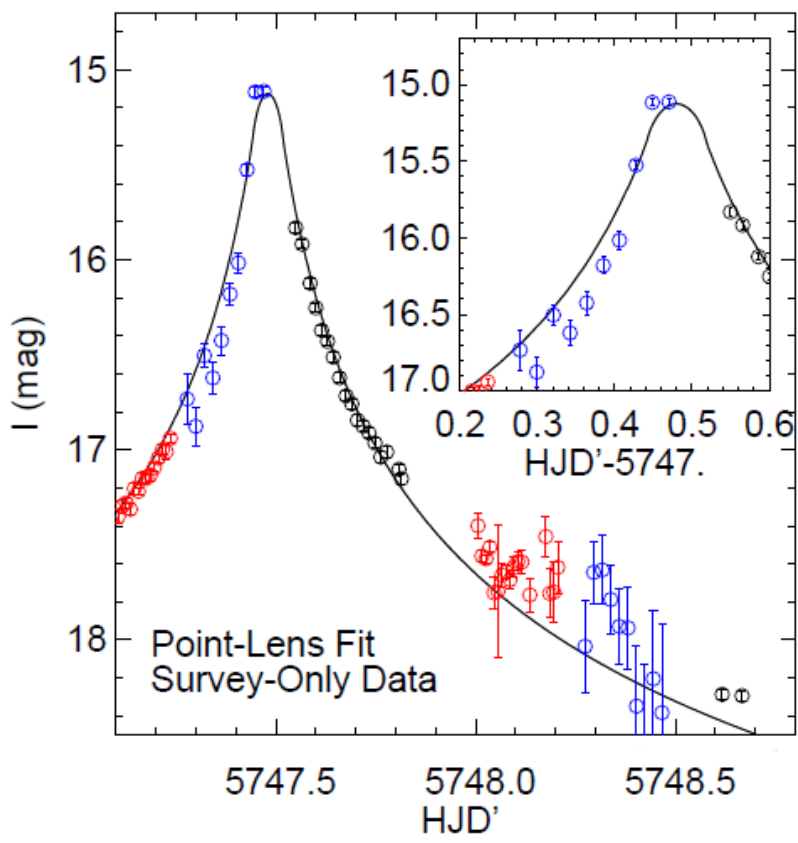
MOA-2011-BLG-293



OGLE

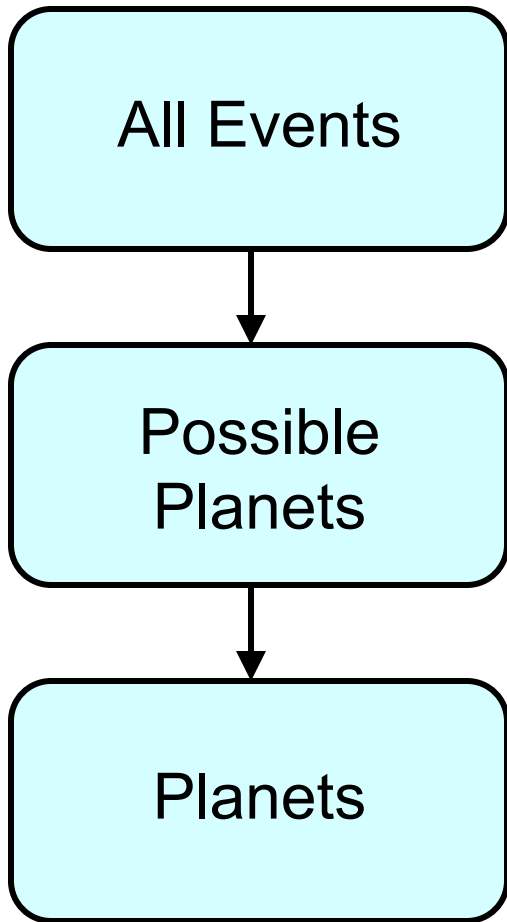
MOA

Wise

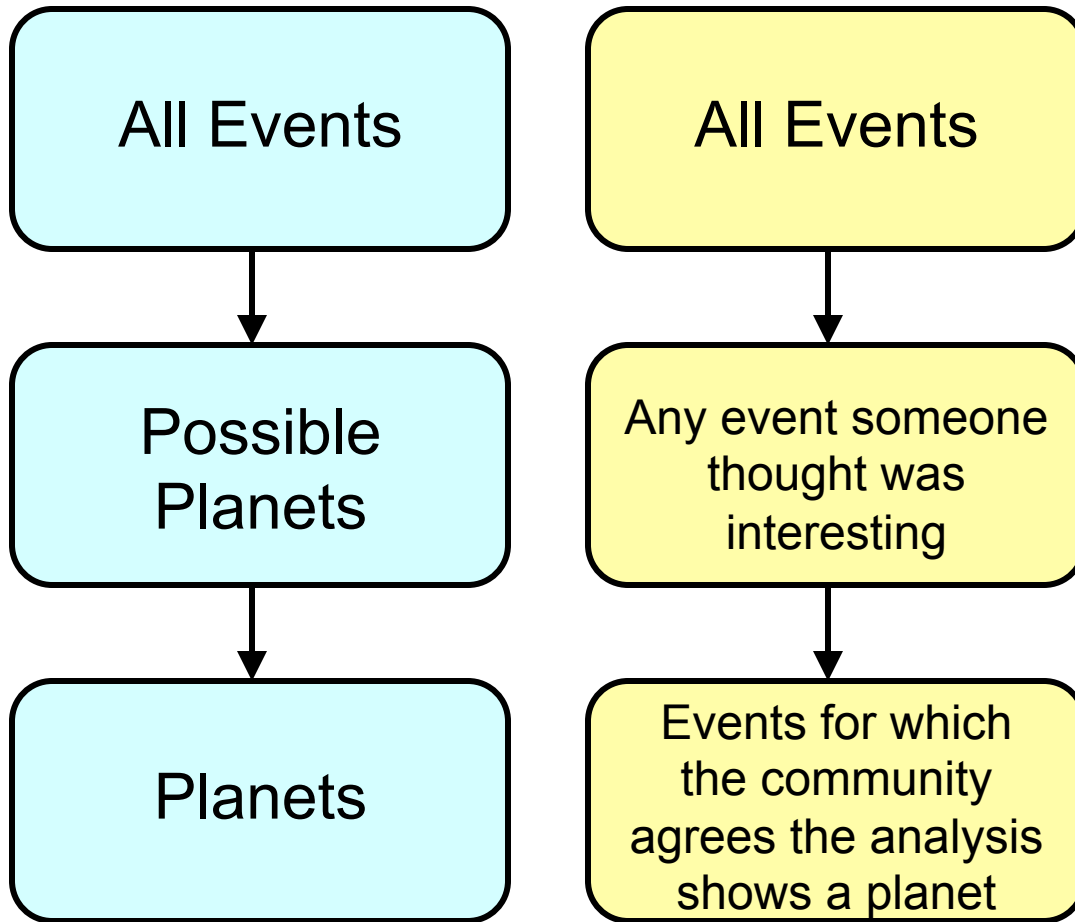


What Makes a Planet Detectable?

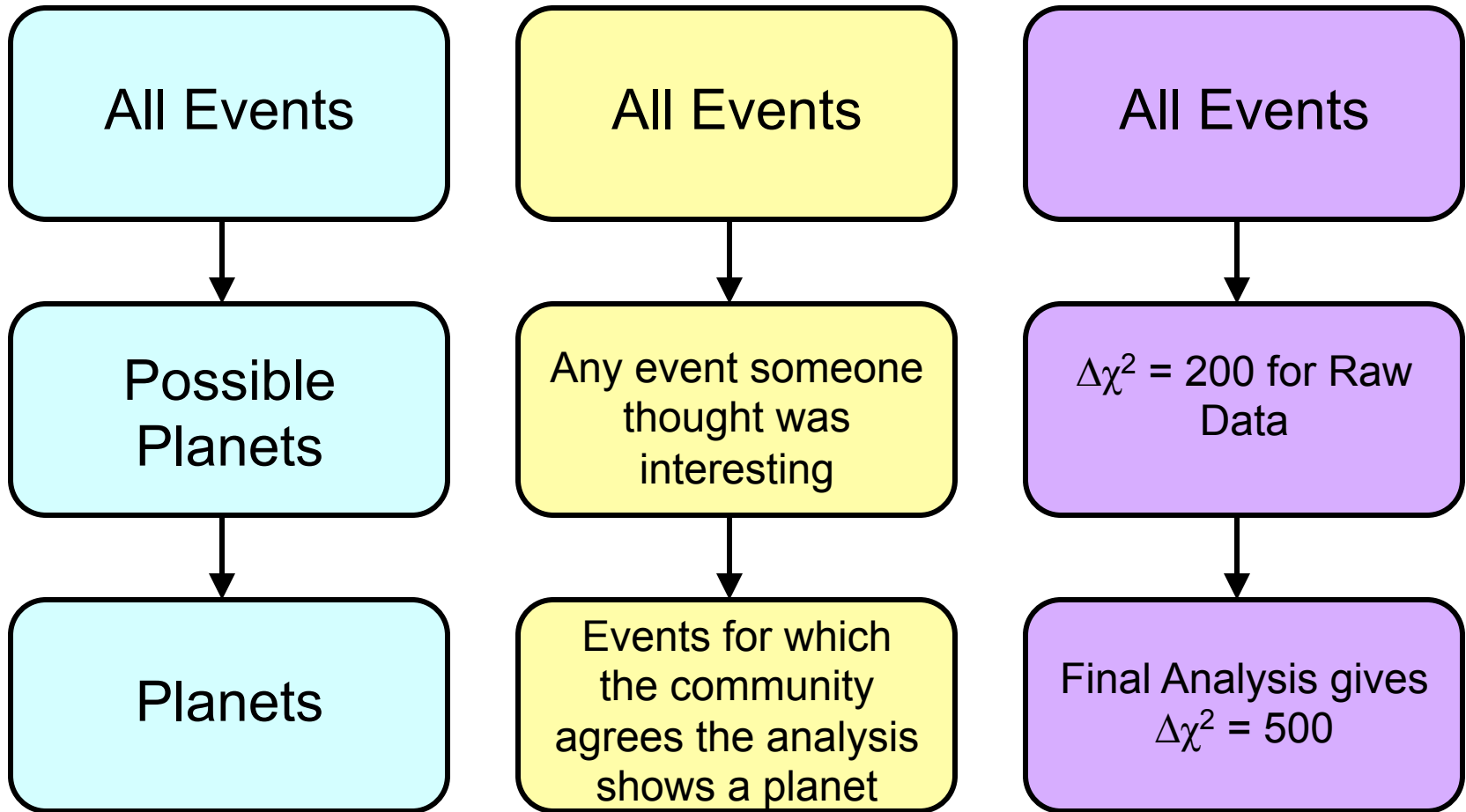
What Makes a Planet Detectable?



What Makes a Planet Detectable?



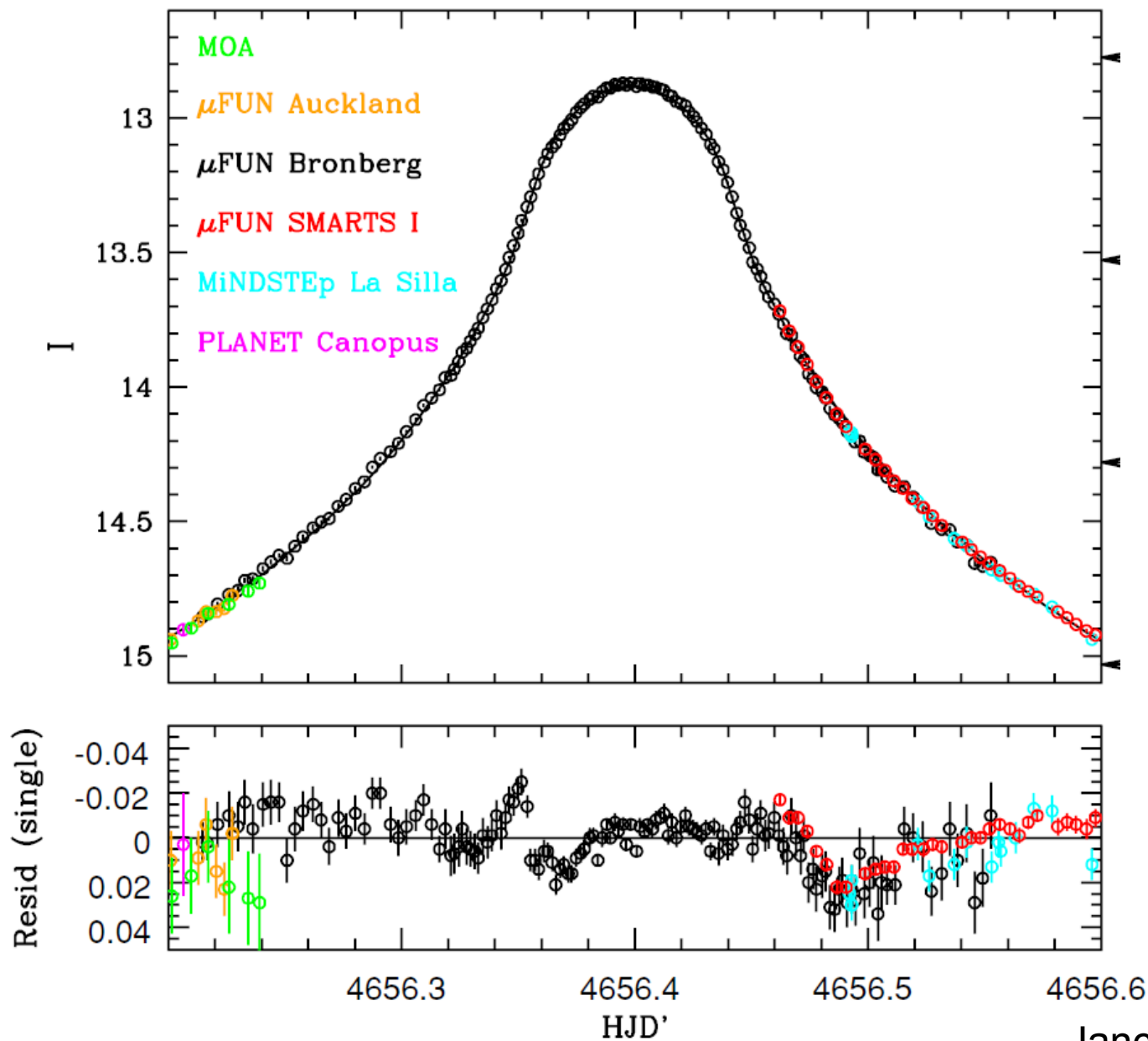
What Makes a Planet Detectable?



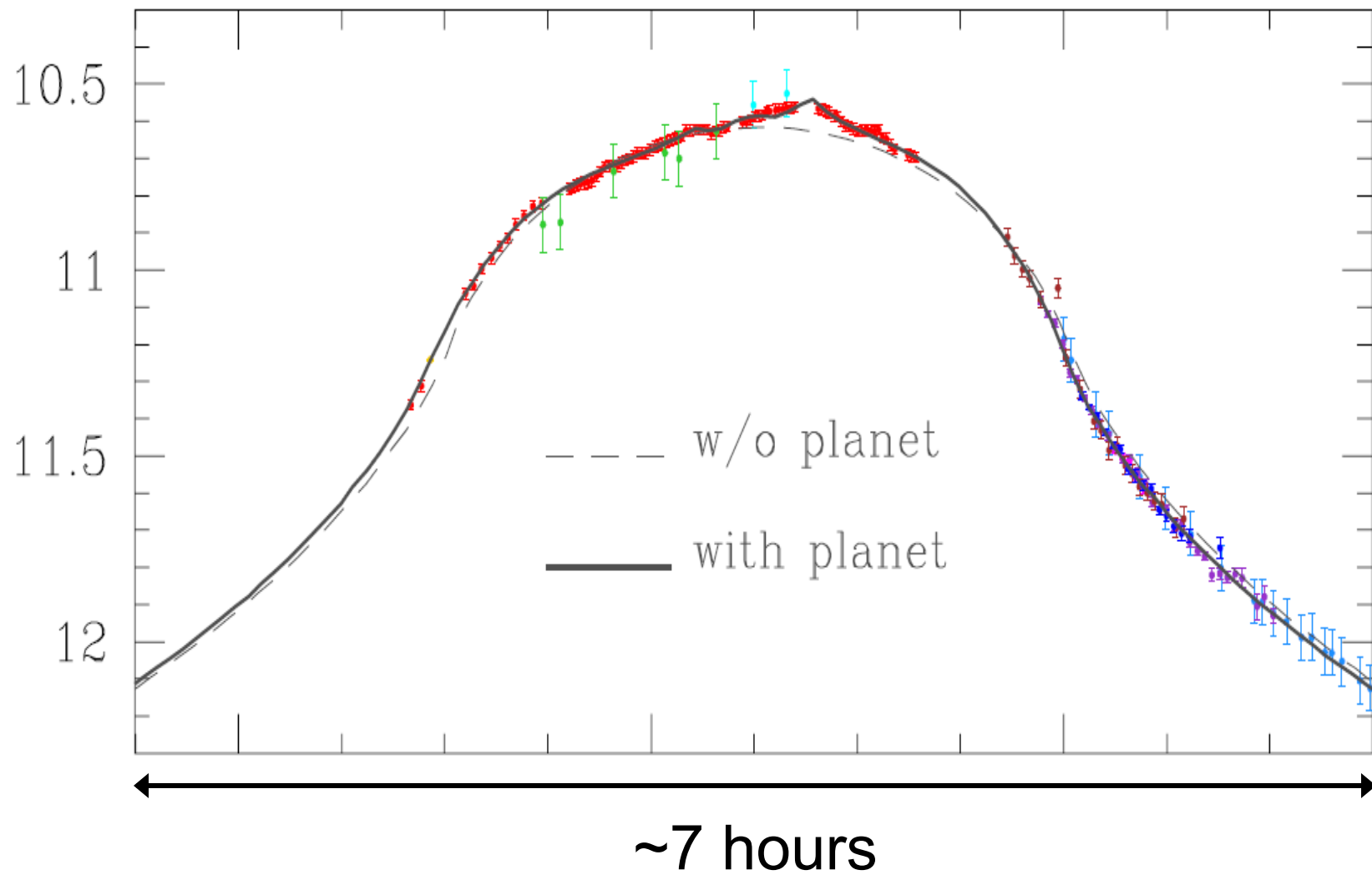
What Makes a Planet Detectable?

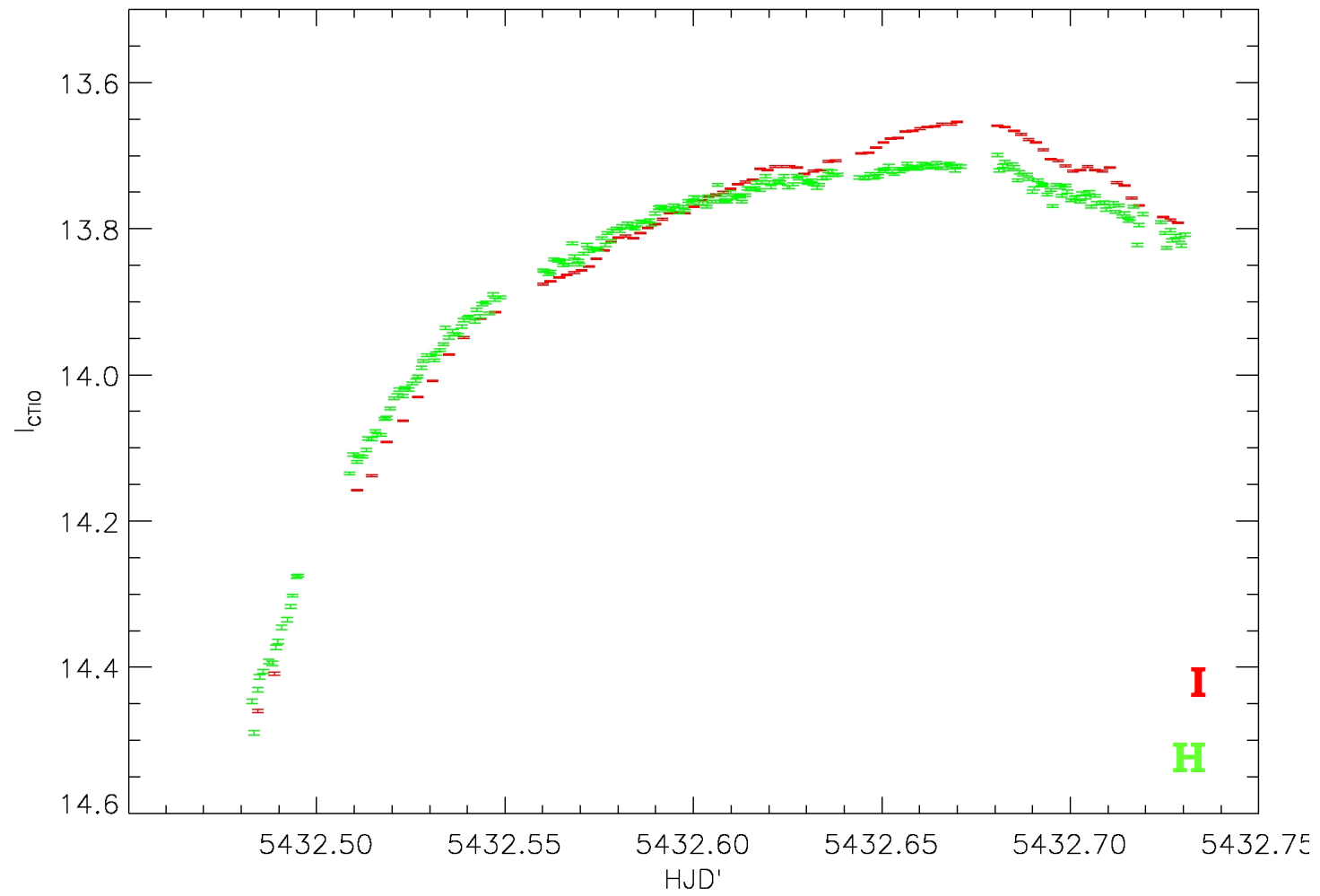
- **Can distinguish between planet and stellar mass ratios**
- **Can distinguish between microlensing and systematics**
- $\Delta\chi^2$
- Corroboration from other data
- Clear microlensing features

MOA-2008-BLG-310



MOA-2010-BLG-523





What Makes a Planet Detectable?

- **Can distinguish between planet and stellar mass ratios**
- **Can distinguish between microlensing and systematics**
- $\Delta\chi^2$
- Corroboration from other data
- Clear microlensing features
- Other statistics

