Sensitivity plot for a three-body system with a major planet and a minor planet. 1 -- 8 00 0 0 -0 - 6 Minor planet semimajor axis (AU) 0 Log (10) fractional mass error 0 00 0 0 0 0 0 0 0 00 0 **-**3 -0 0 0 0 True simulations 8 Parameters of major planet

_[']7

-6

Minor planet mass (M_sun)

-5

–3

-8

-9