

Planet Abundance from PLANET 2002-07 Observations

Dr. Arnaud Cassan

cassan@iap.fr

Institut d'Astrophysique de Paris

Abstract: We report a statistical analysis of microlensing observations gathered in 2002-07 by the PLANET collaboration, using a uniform observing strategy based on OGLE alerts. These data are used to put constraints on the planetary mass function for orbits within 0.5-10 AU and masses between 5 M_{\oplus} -10 M_J . We will discuss the derived planetary abundances as a function of planet mass.