Planet Nine

Orbital characteristics

\*Orbit b/w 10,000-20,000 years

\* Semi-major axis (400-800 AU / 37-75 billion mi)

\*Eccentricity 0.2-0.5

\*Inclination 15-25 deg

\*Perihelion (est.) 150 deg

Physical characteristics

\*Mass 5-10 ME (earth mass)

\*Apparent magnitude >22.5

Nav:

Hypothesis

Evidence

Arguments

New theory

P9\_internal image:

(Image credit: Esther Linder, Christoph Mordasini, University of Bern)