

Kirkwood Gaps

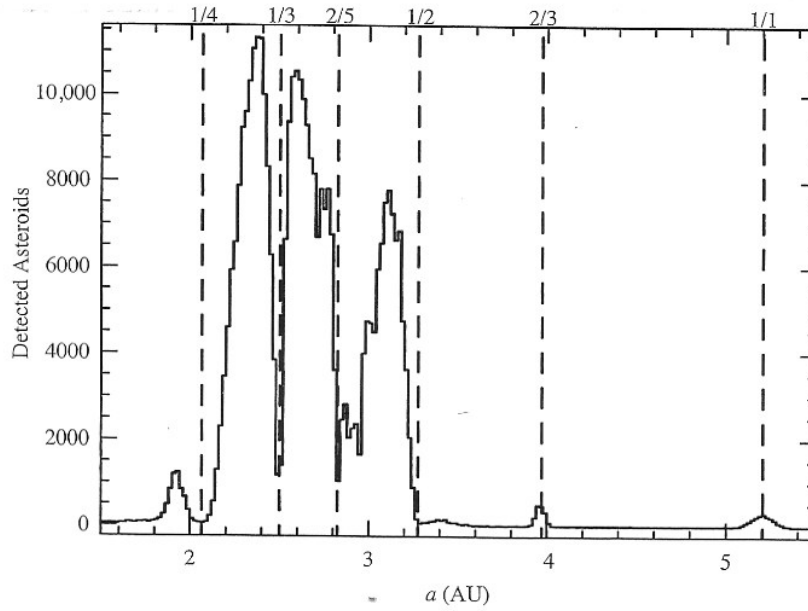


FIGURE 11.2 The number of detected asteroids as a function of semimajor axis. The vertical dashed lines are labeled with the orbital period, expressed as a fraction of Jupiter's orbital period.

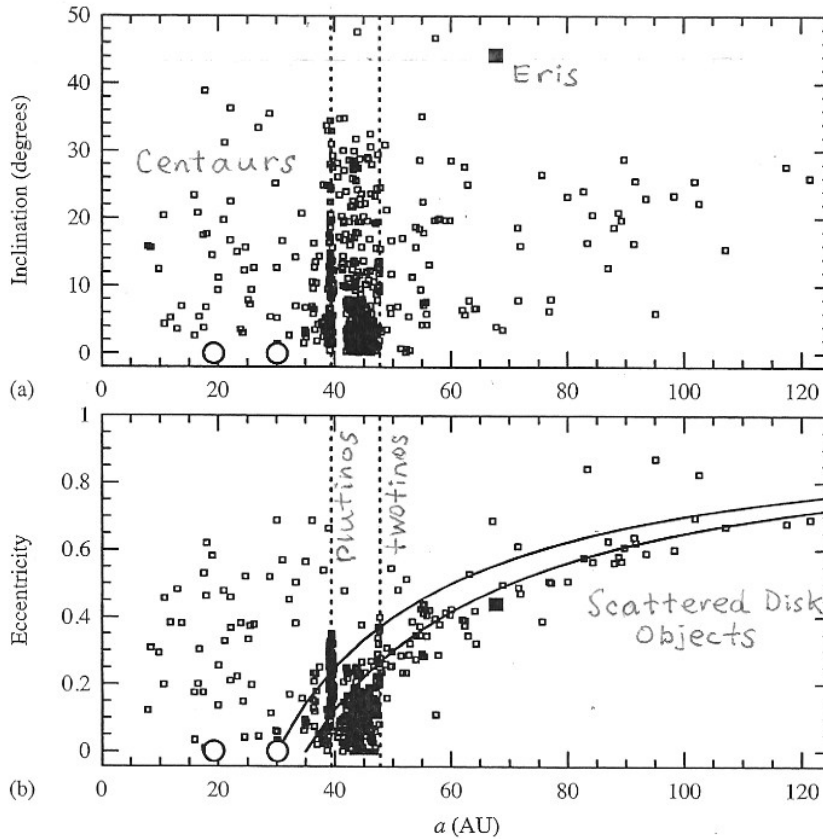


FIGURE 11.5 (a) Orbital inclination as a function of semimajor axis for all known TNOs. Vertical dotted lines are drawn at the 3:2 and 2:1 orbital resonance with Neptune. (b) Orbital eccentricity as a function of semimajor axis. Solid curved lines are drawn for orbits with perihelia of $q = 30$ AU and $q = 35$ AU.