

Our Solar System

1 star

The Sun

8 planets

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.

5 dwarf planets

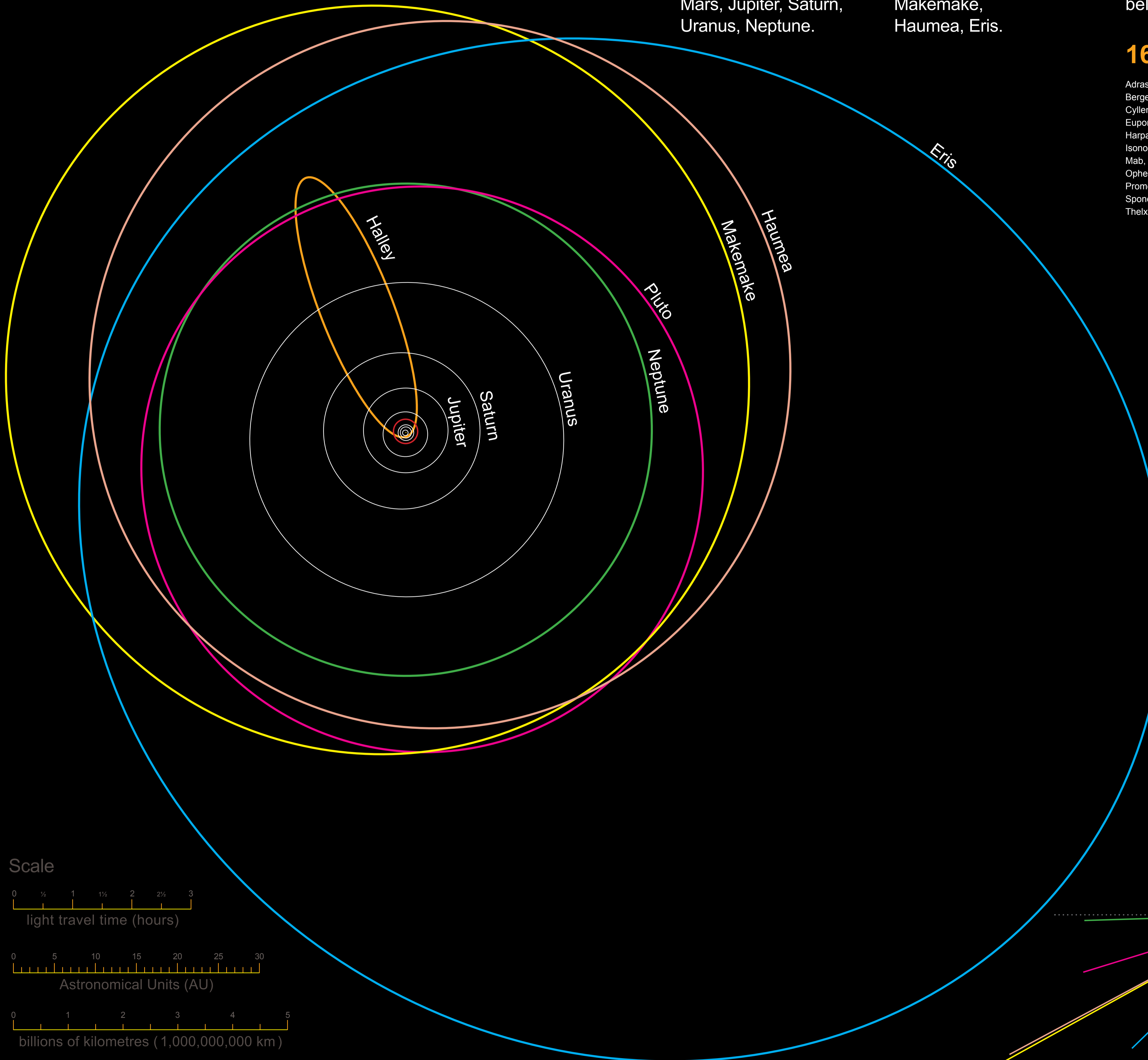
Ceres, Pluto, Makemake, Haumea, Eris.

billions of small bodies

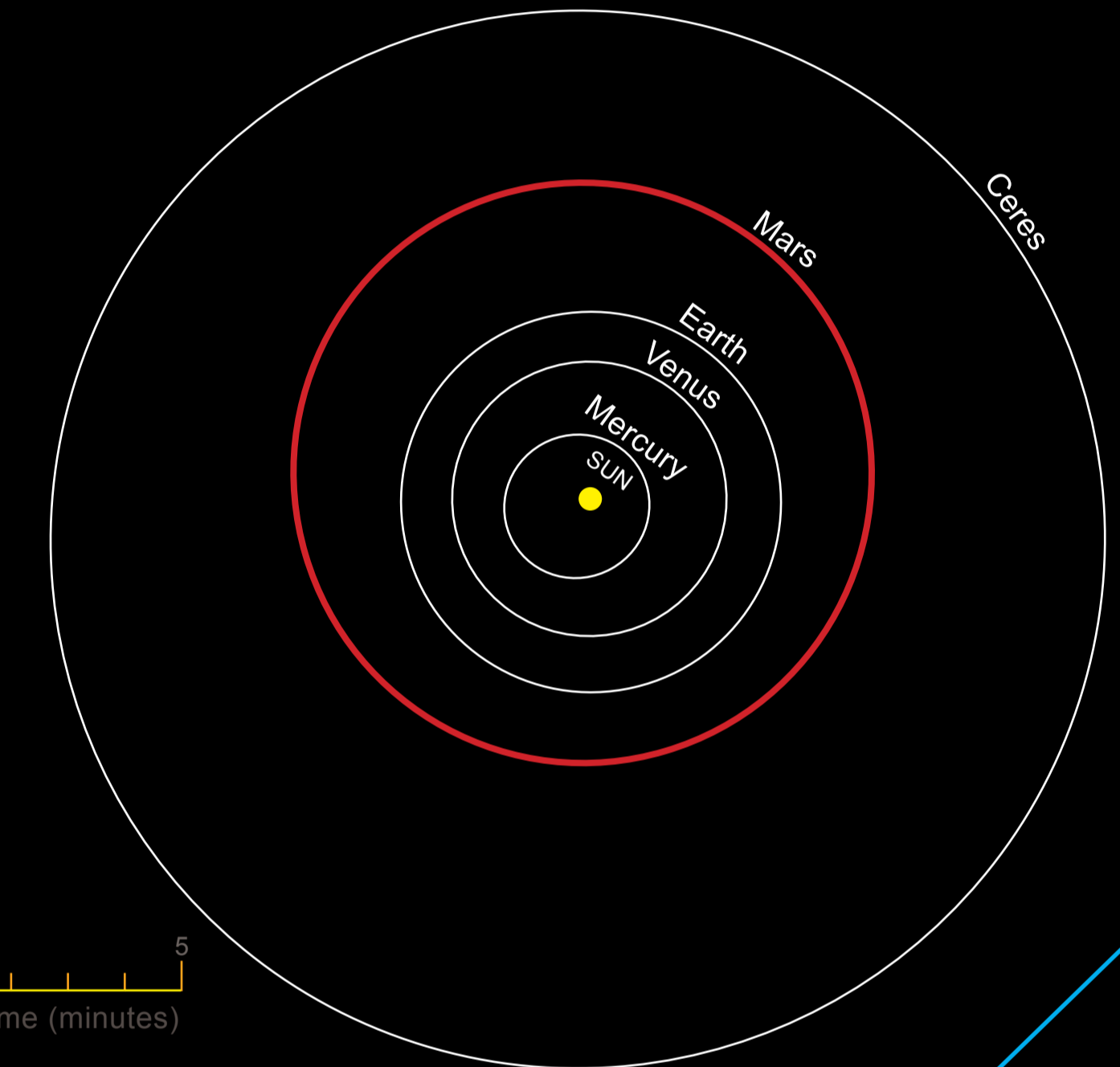
small solar system bodies (minor planets/asteroids), Kuiper belt objects, comets, meteoroids, interplanetary dust

169 known moons

Adrastea, Aegir, Aitne, Albiorix, Amalthea, Ananke, Anthe, Aoede, Arche, Ariel, Atlas, Autonoe, Bebhionn, Belinda, Bergelmir, Bestla, Bianca, Caliban, Callirrhoe, Callisto, Calypso, Carme, Carpo, Chaldene, Cordelia, Cressida, Cupid, Cyllene, Daphnis, Desdemona, Despina, Dione, Elara, Enceladus, Epimetheus, Erinome, Erriapo, Euanthe, Eukelade, Euporie, Europa, Eurydome, Farbauti, Fenrir, Ferdinand, Fornjot, Francisco, Galatea, Ganymede, Greip, Halimede, Harpalyke, Hati, Hegemone, Helene, Helike, Hermippe, Himalia, Hyperion, Hyrrokkin, Iapetus, Ijiraq, Io, Iocaste, Isonoe, Janus, Jarnsaxa, Juliet, Kale, Kalliope, Kalyke, Kari, Kiviuq, Kore, Laomedea, Larissa, Leda, Loge, Lysithea, Mab, Margaret, Megaclyte, Methone, Metis, Mimas, Miranda, Mneme, Mundilfari, Naiad, Narvi, Nereid, Neso, Oberon, Ophelia, Orthosie, Paaliaq, Pallene, Pan, Pandora, Pasiphae, Pasithee, Perdita, Phoebe, Polydeuces, Portia, Praxidike, Prometheus, Prospero, Proteus, Psamathe, Puck, Rhea, Rosalind, Sao, Setebos, Siarnaq, Sinope, Skathi, Stephano, Sponde, Surtur, Suttungr, Sycorax, Skoll, Tarqeq, Thalassa, Tarvos, Thebe, Taygete, Titania, Tethys, Titan, Trinculo, Thelxinoe, Themisto, Telesto, Thrymr, Thyone, Trinculo, Triton, Umbriel, Ymir.



Zoom-in on the inner solar system



0 5
light time (minutes)

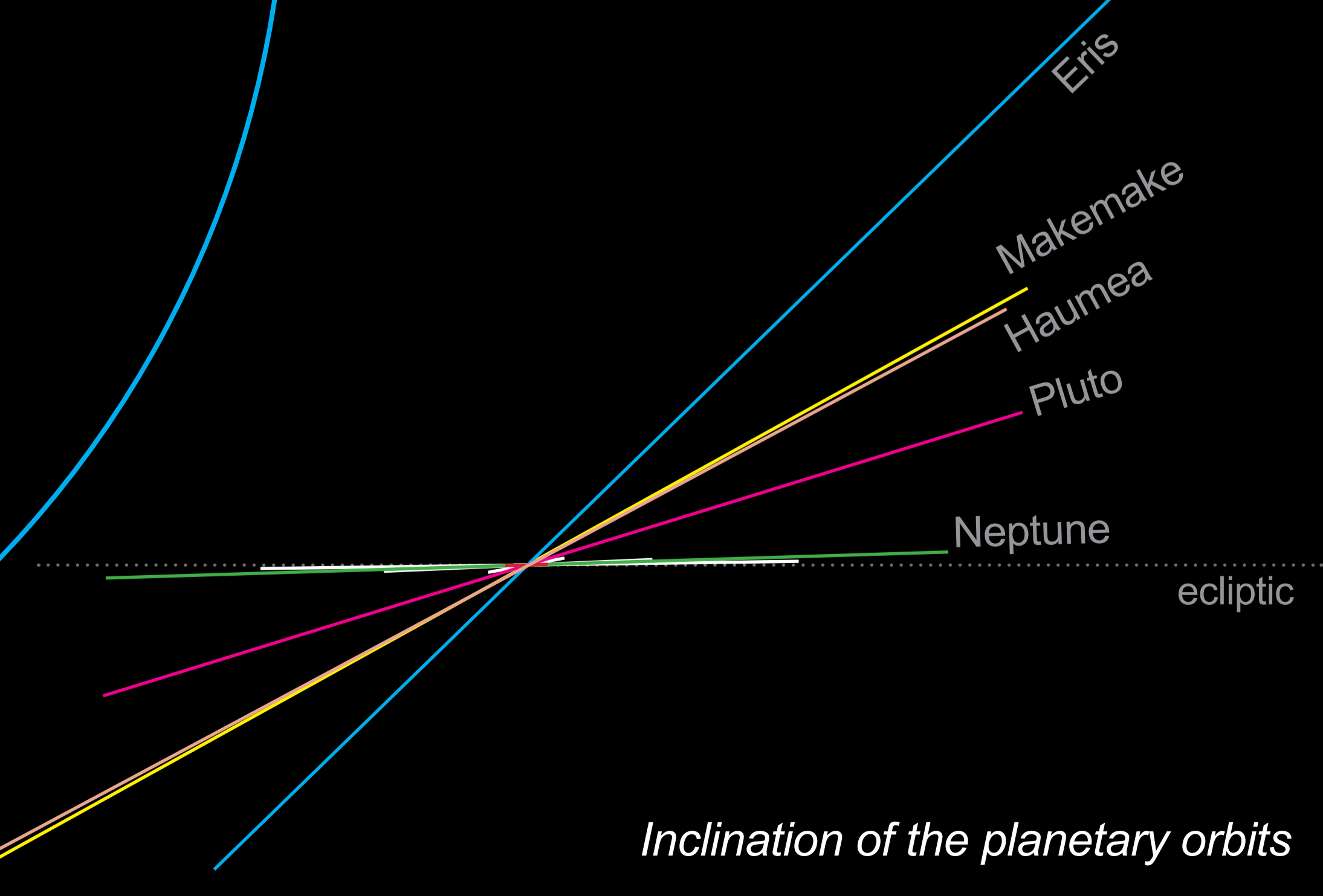
0 1
Astronomical Unit (AU)

Scale

0 1/4 1 1 1/2 2 2 1/2 3
light travel time (hours)

0 5 10 15 20 25 30
Astronomical Units (AU)

0 1 2 3 4 5
billions of kilometres (1,000,000,000 km)



Inclination of the planetary orbits