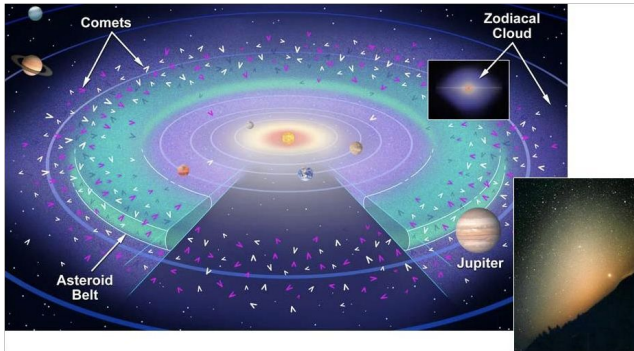


Quantifying Solar Radiation Forces on Interplanetary Dust Grains



Interplanetary dust particles are formed from asteroids and comets; tracing these particles back to their origin bodies provides insight into the early solar system.

In the interest of modeling the orbital paths of interplanetary dust grains, we seek to answer:

- How much do solar radiation forces depend on particle composition, particularly compositions typical of interplanetary dust?
- How do radiation forces on particles differ between spherical and aggregate particles of equivalent composition and mass?