

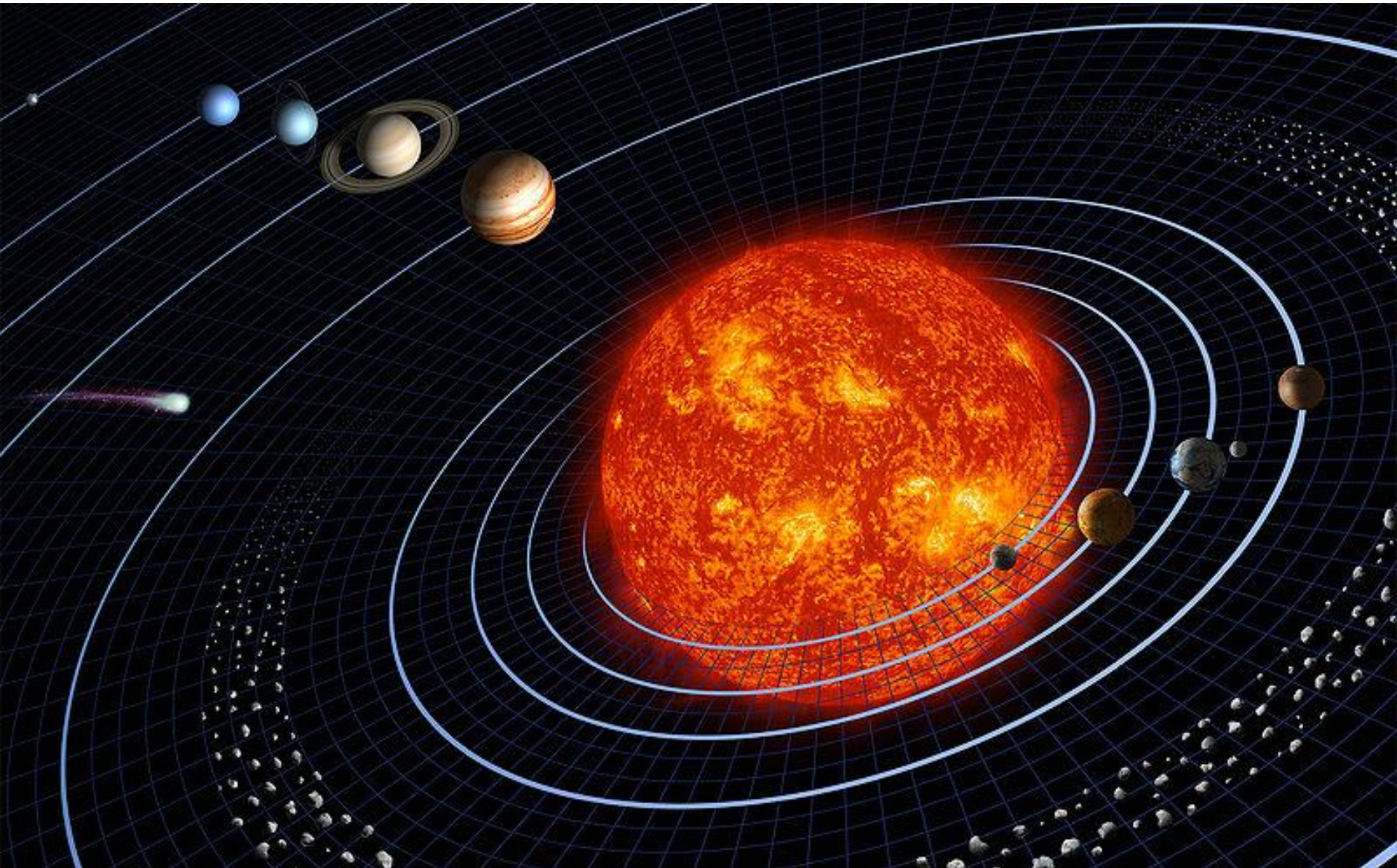
Астрофизика

Филипп Алексеевич Барон, PhD

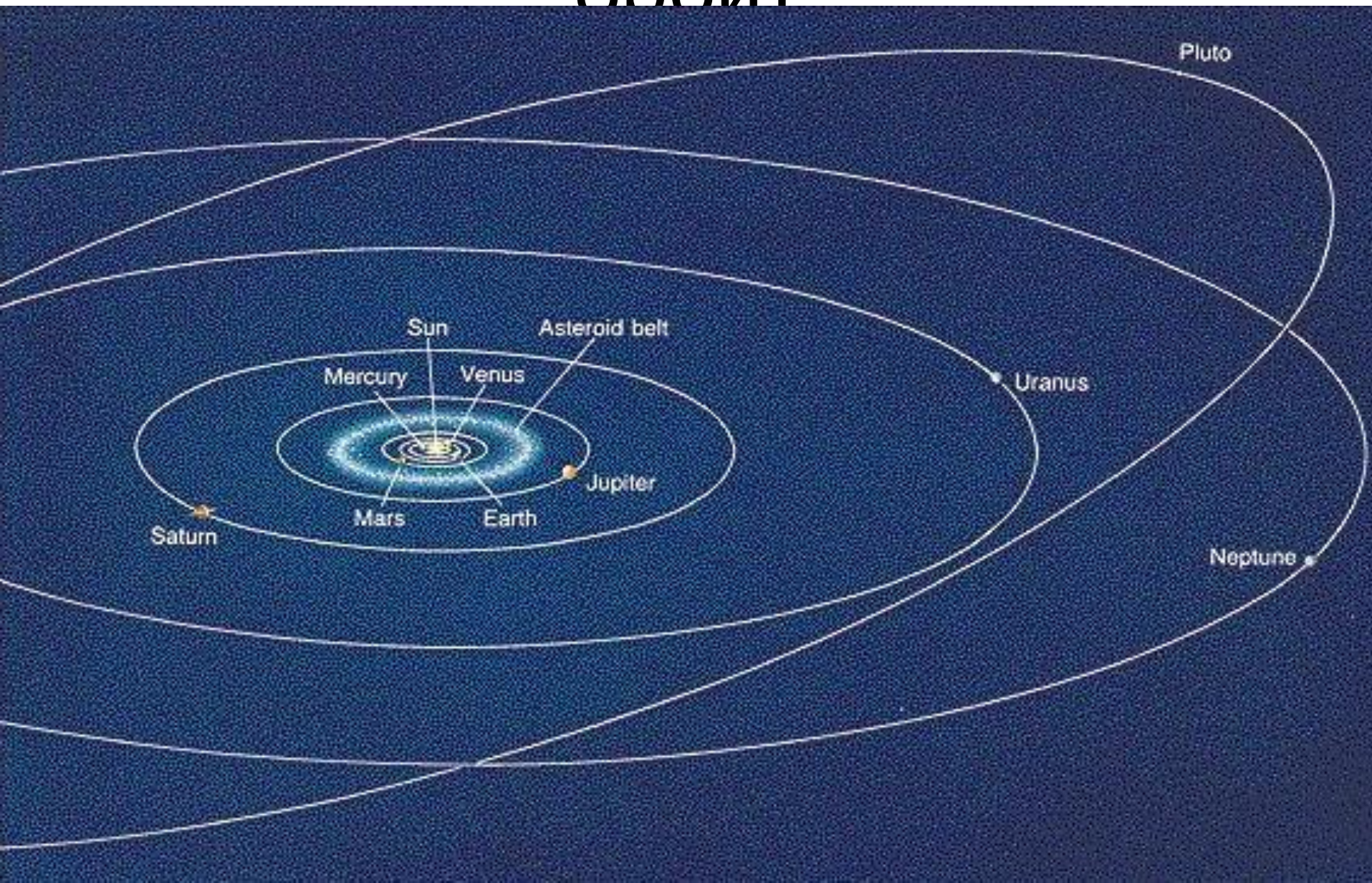
Гимназия «Универс», Январь

2020

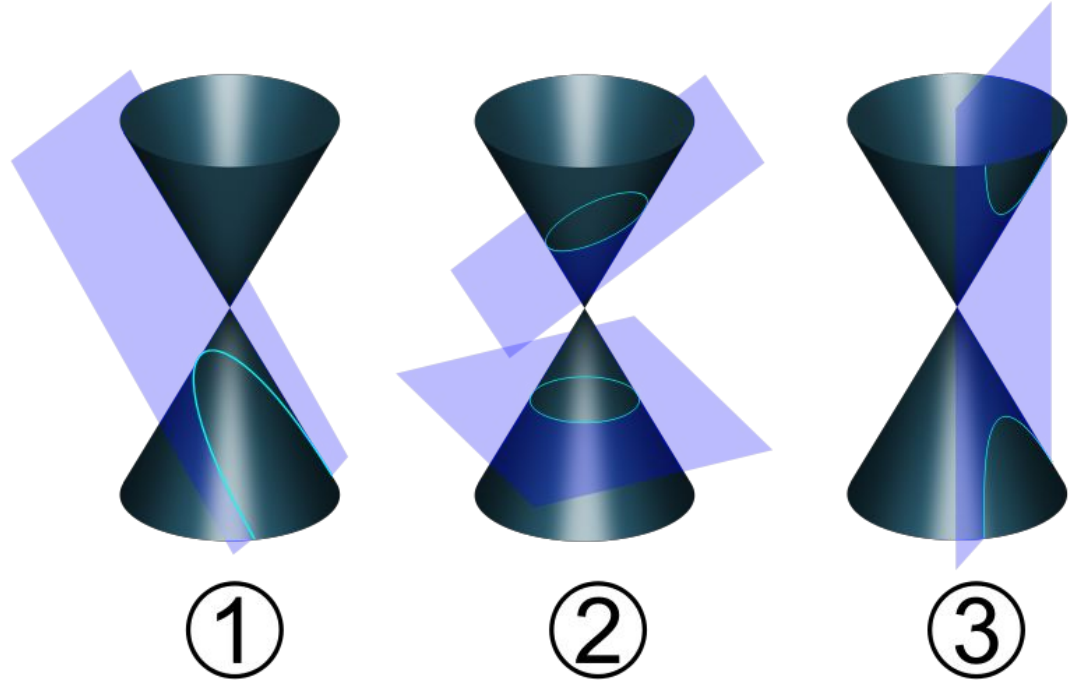
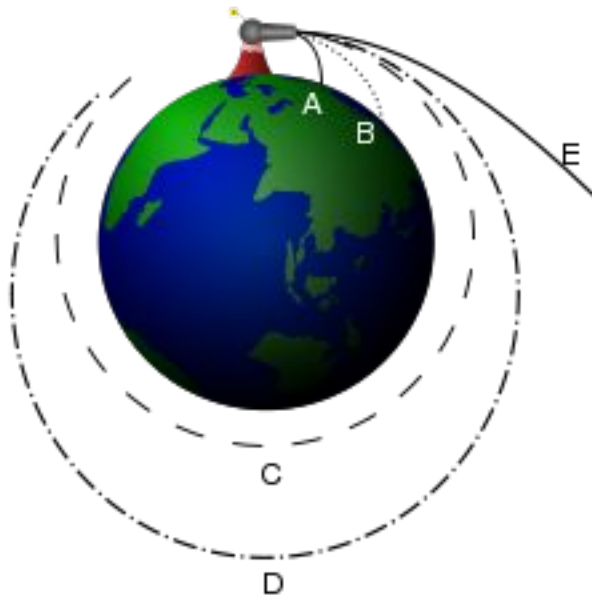
Солнечная система



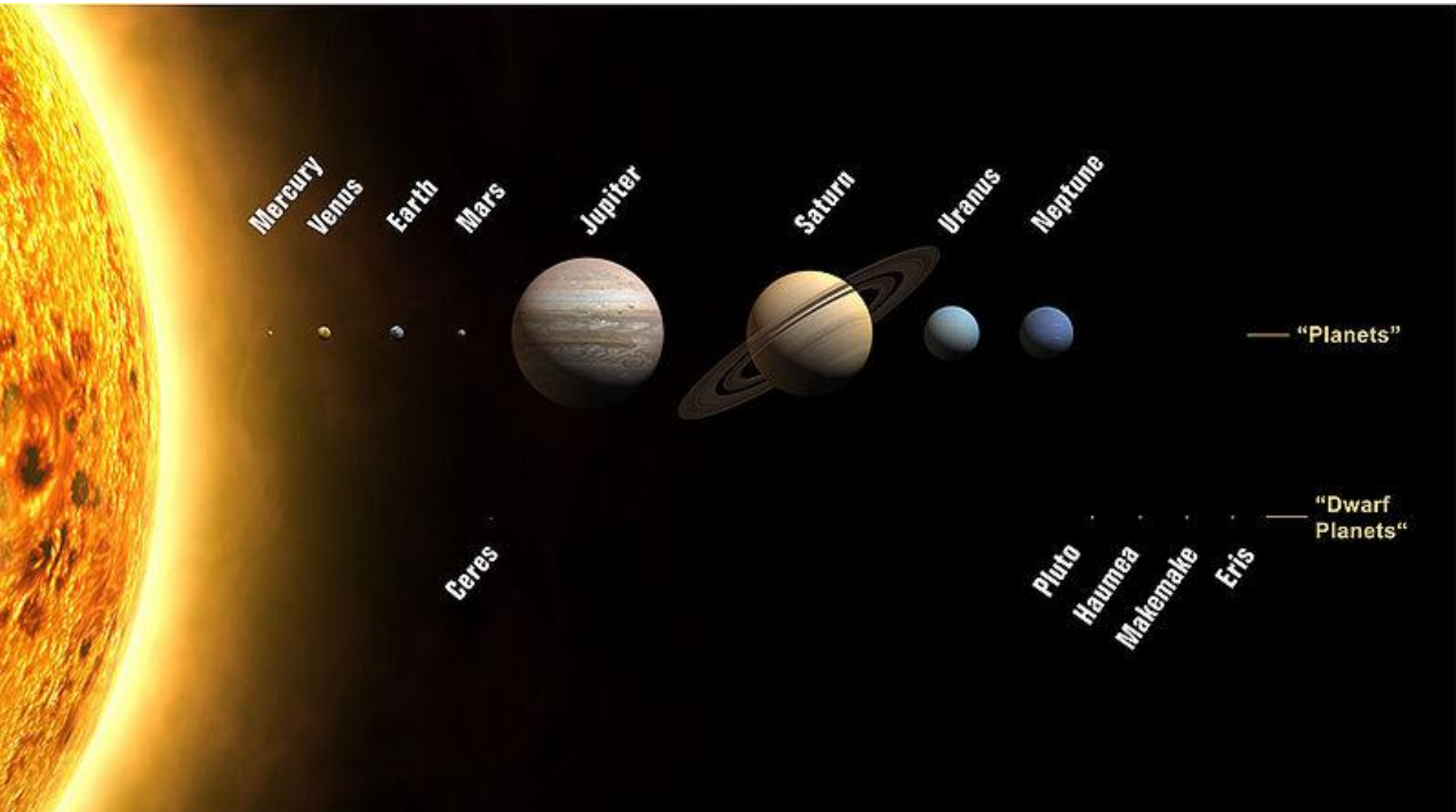
Относительные размеры орбит



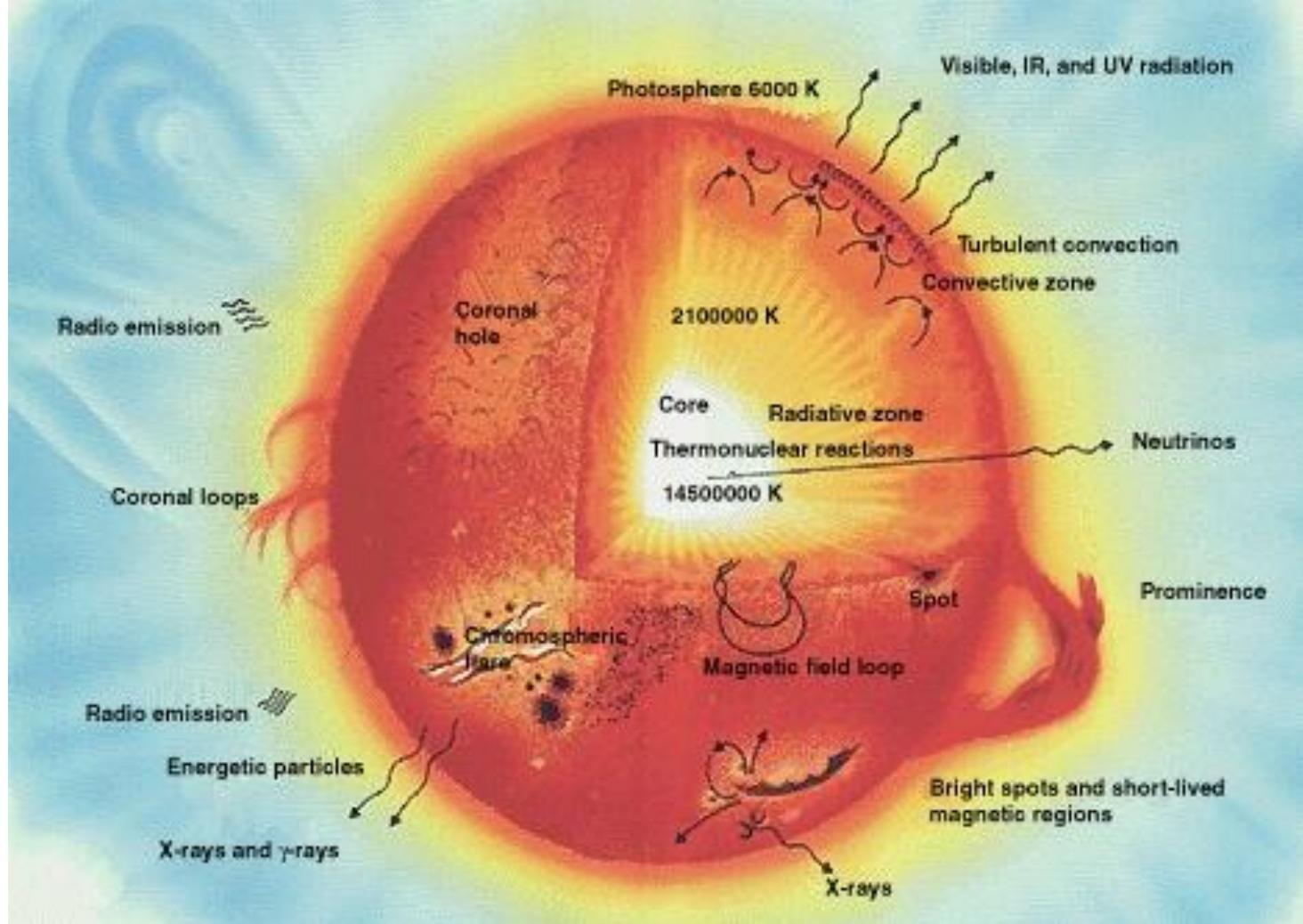
Типы Орбит



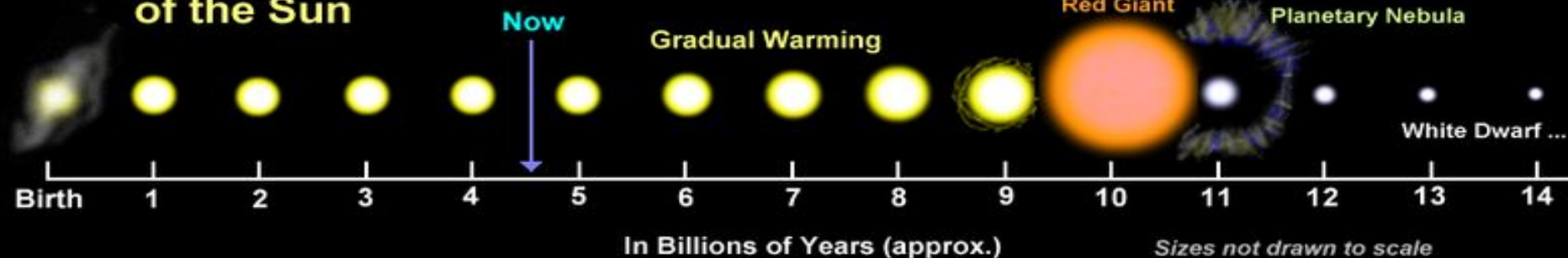
Относительные размеры планет



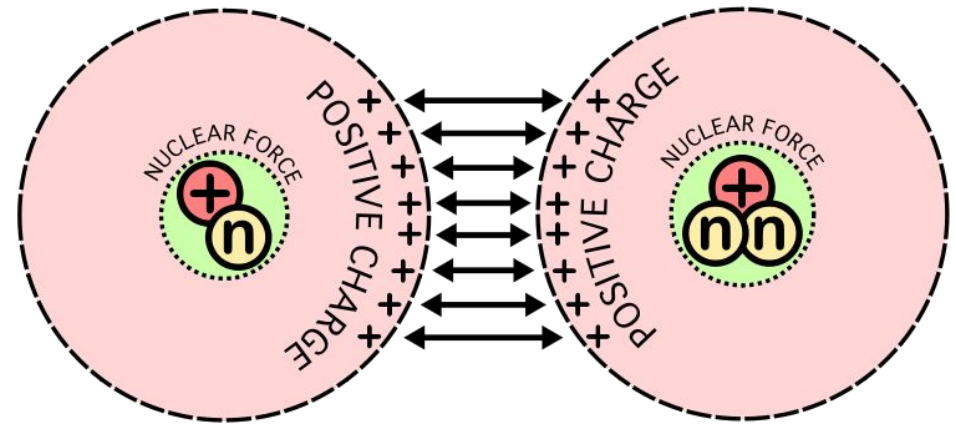
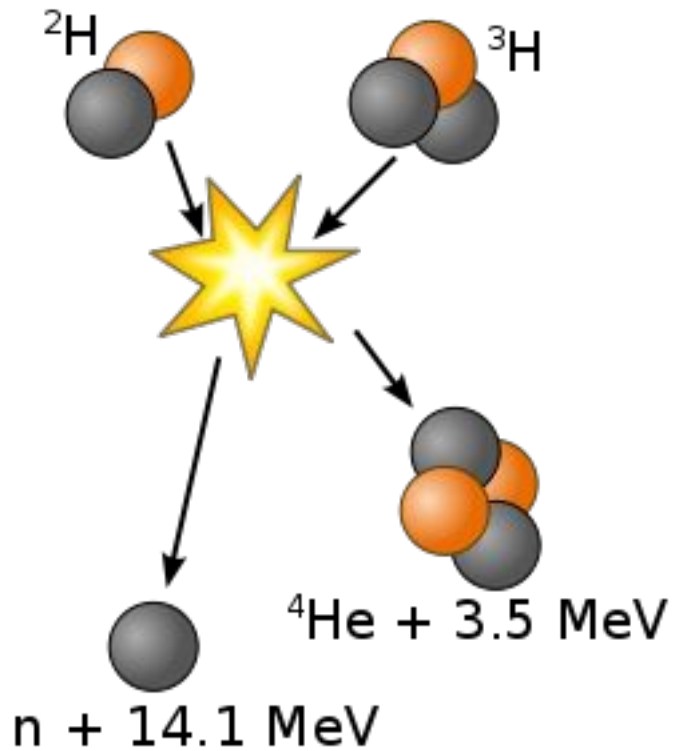
Солнце

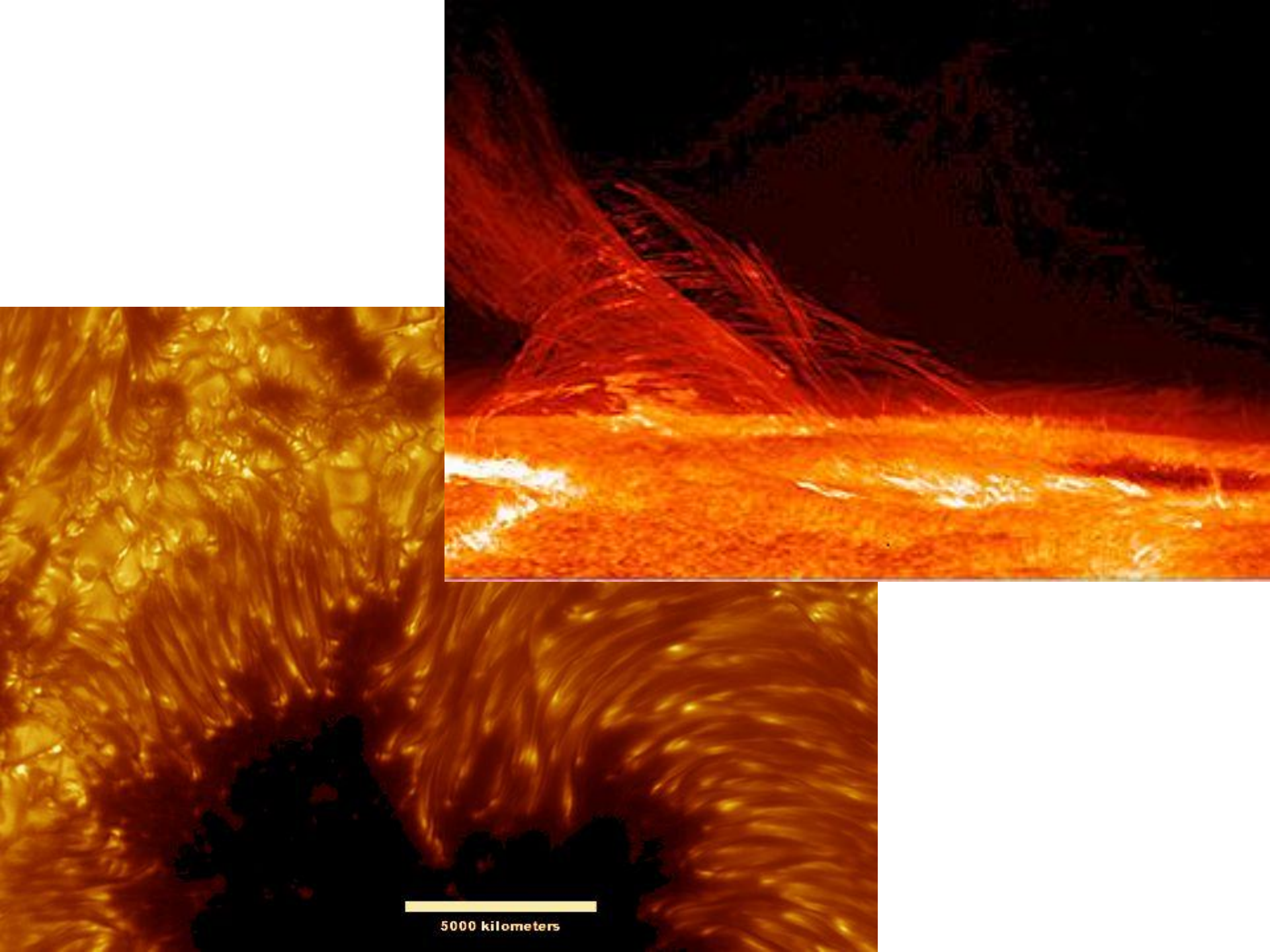


Life Cycle of the Sun



Термоядерная реакция

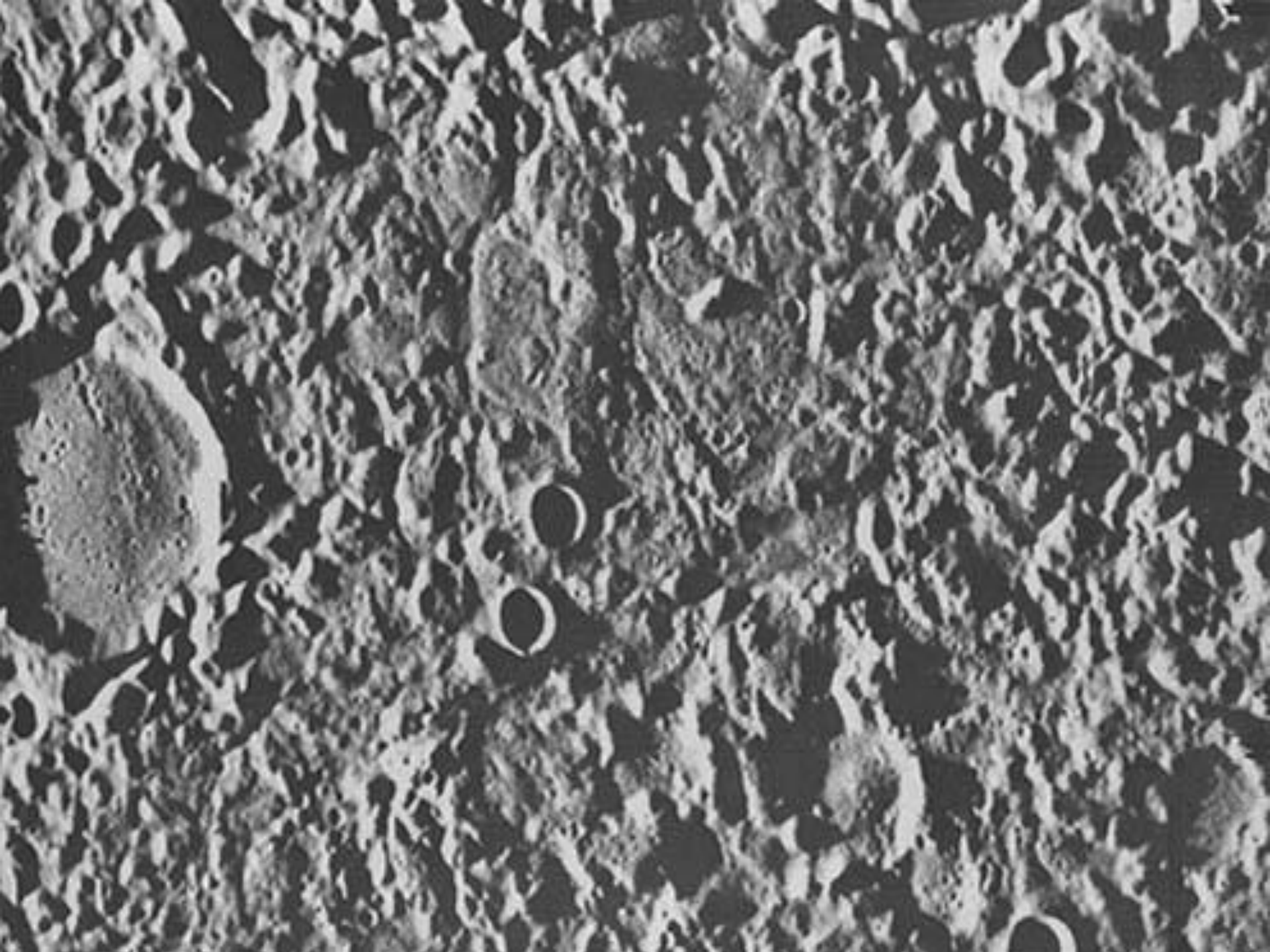




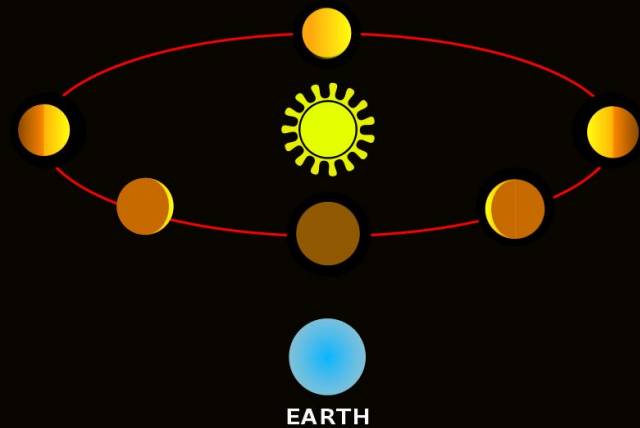
5000 kilometers

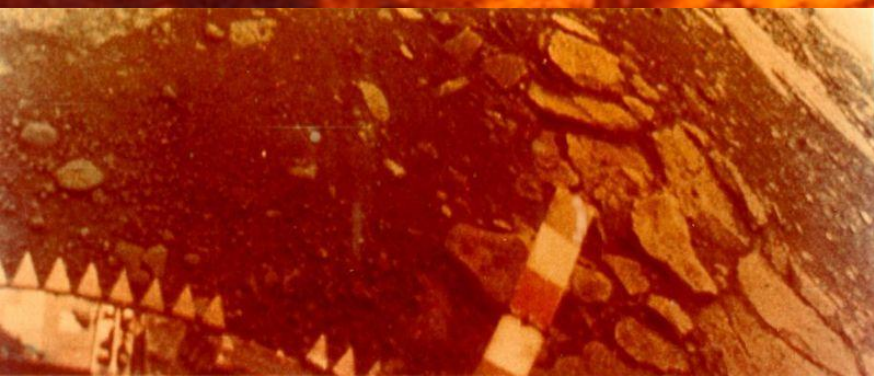
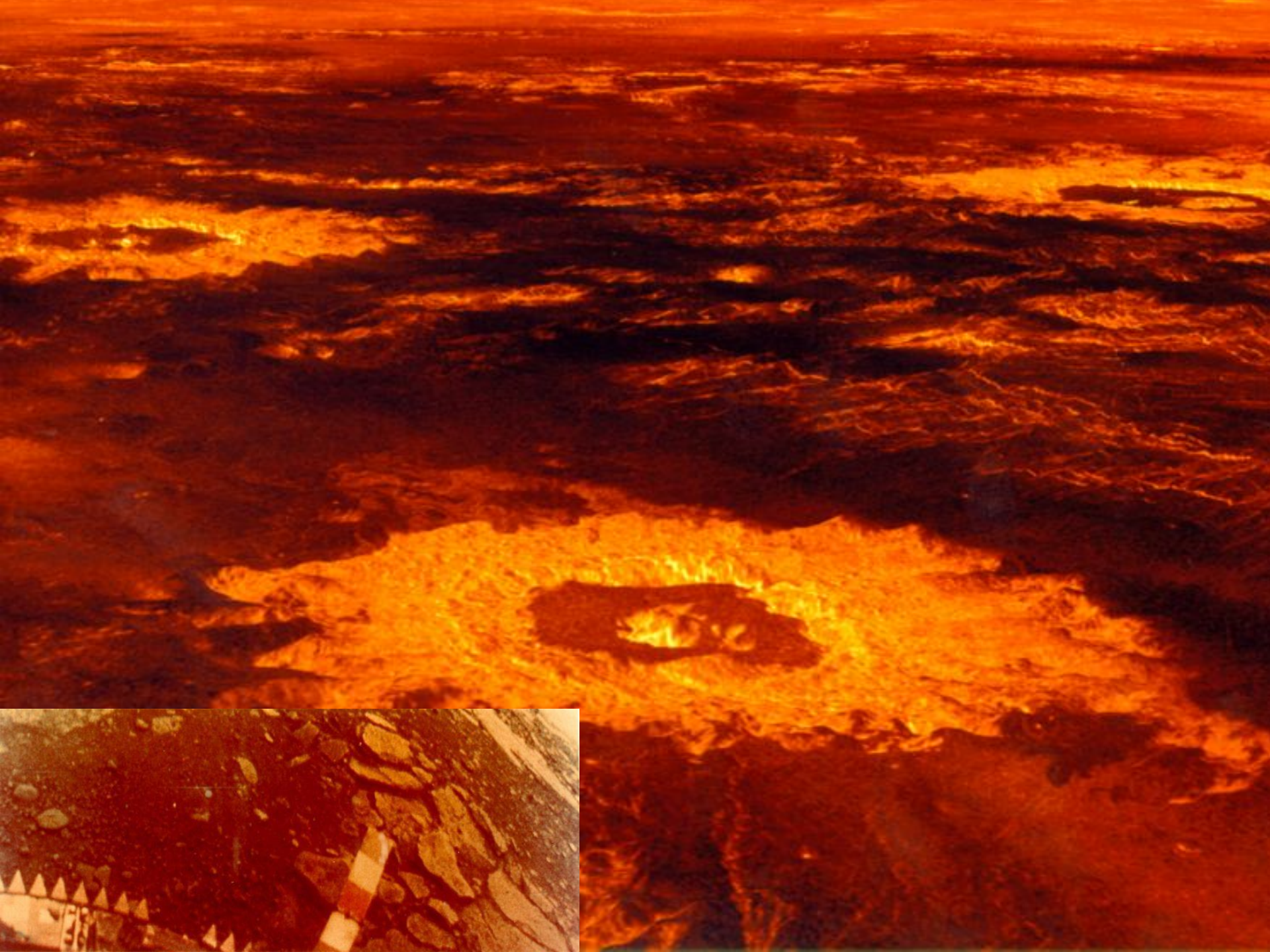
Меркурий





Венера





Земля





Луна





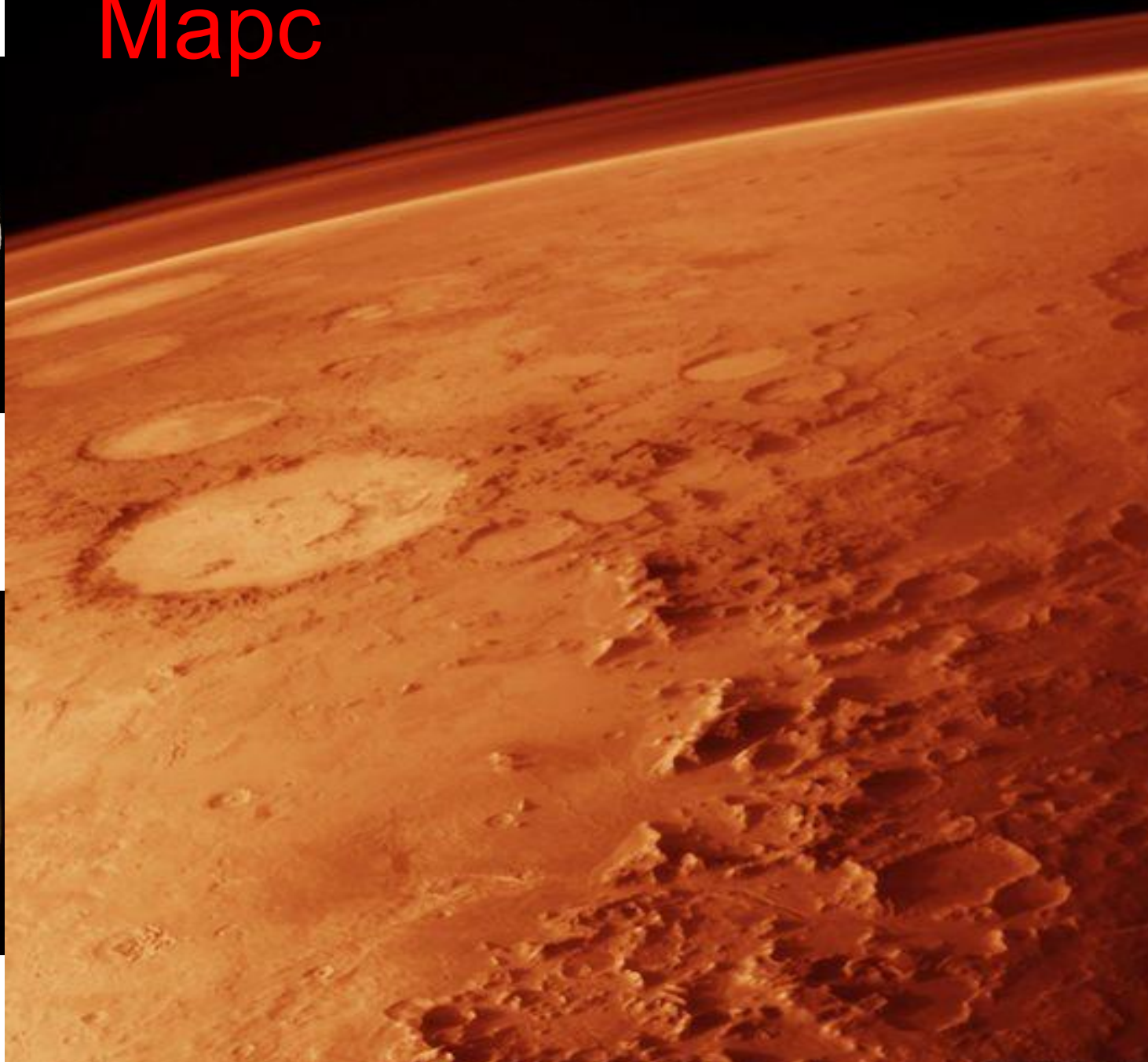
Фобос



Деймос



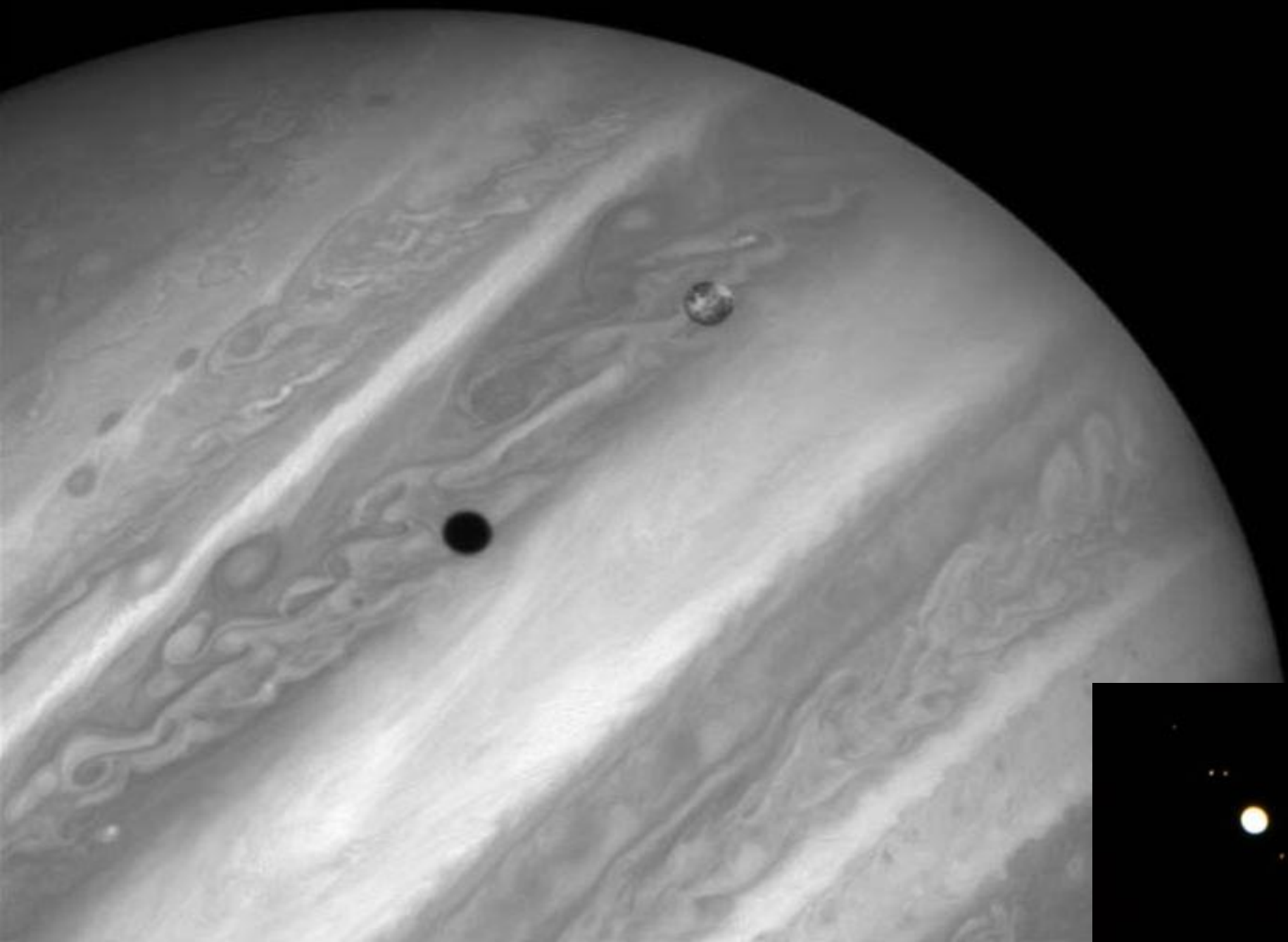
Марс





Юпитер





Сатурн

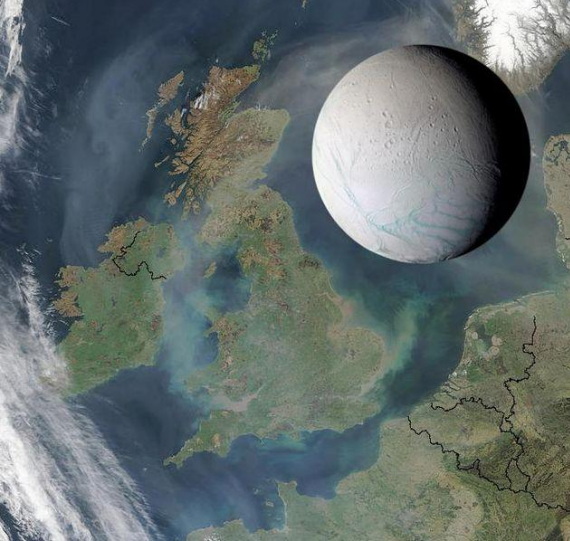
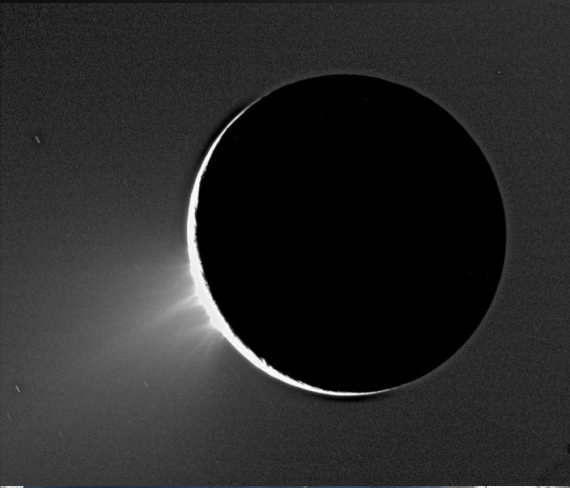




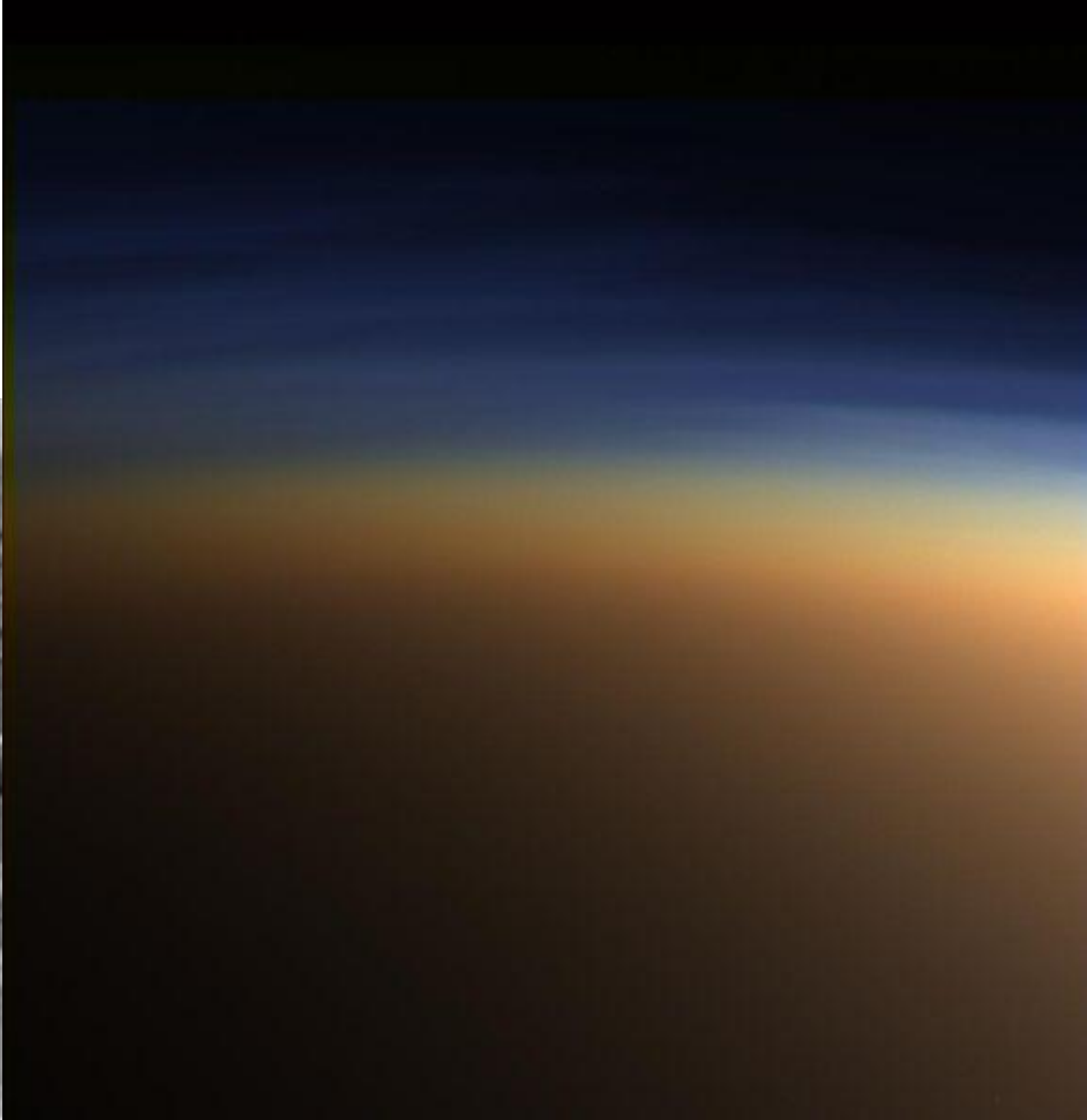
Луны

9

Энцелад

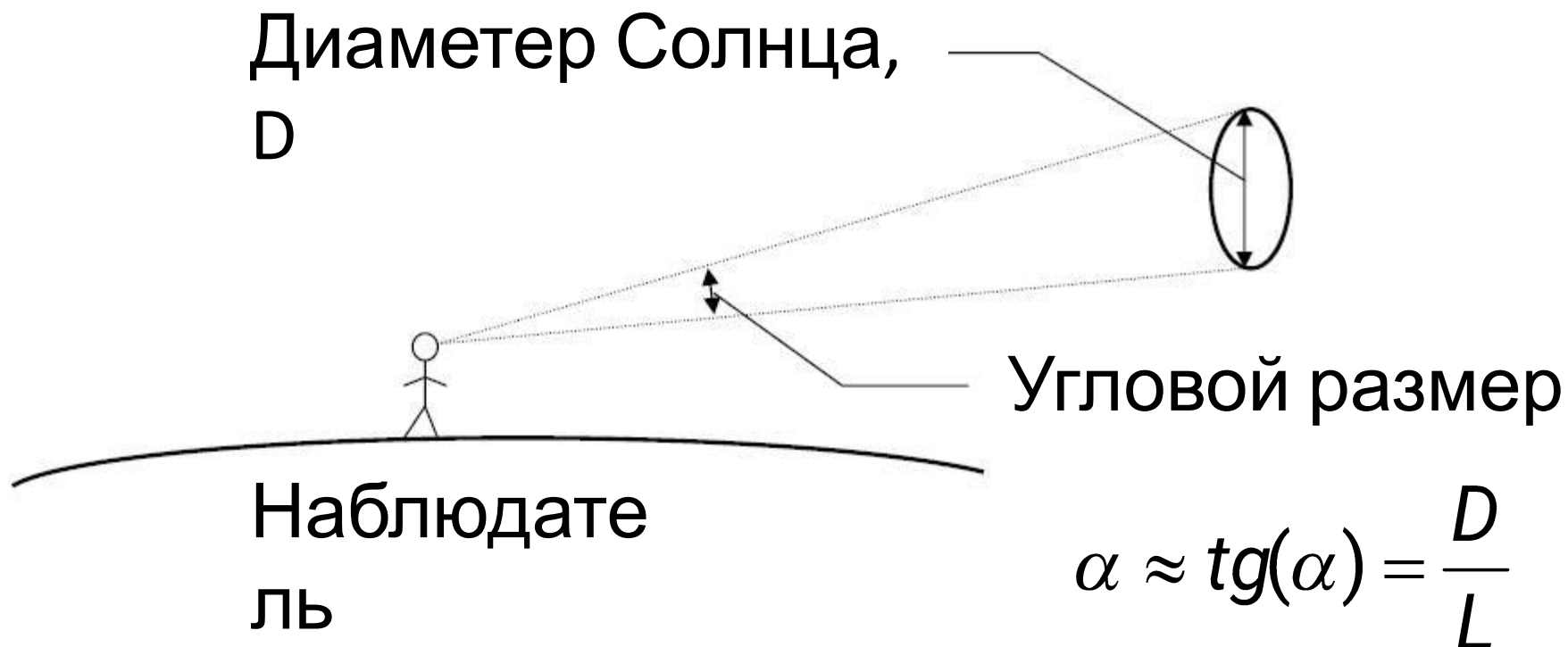


Титан

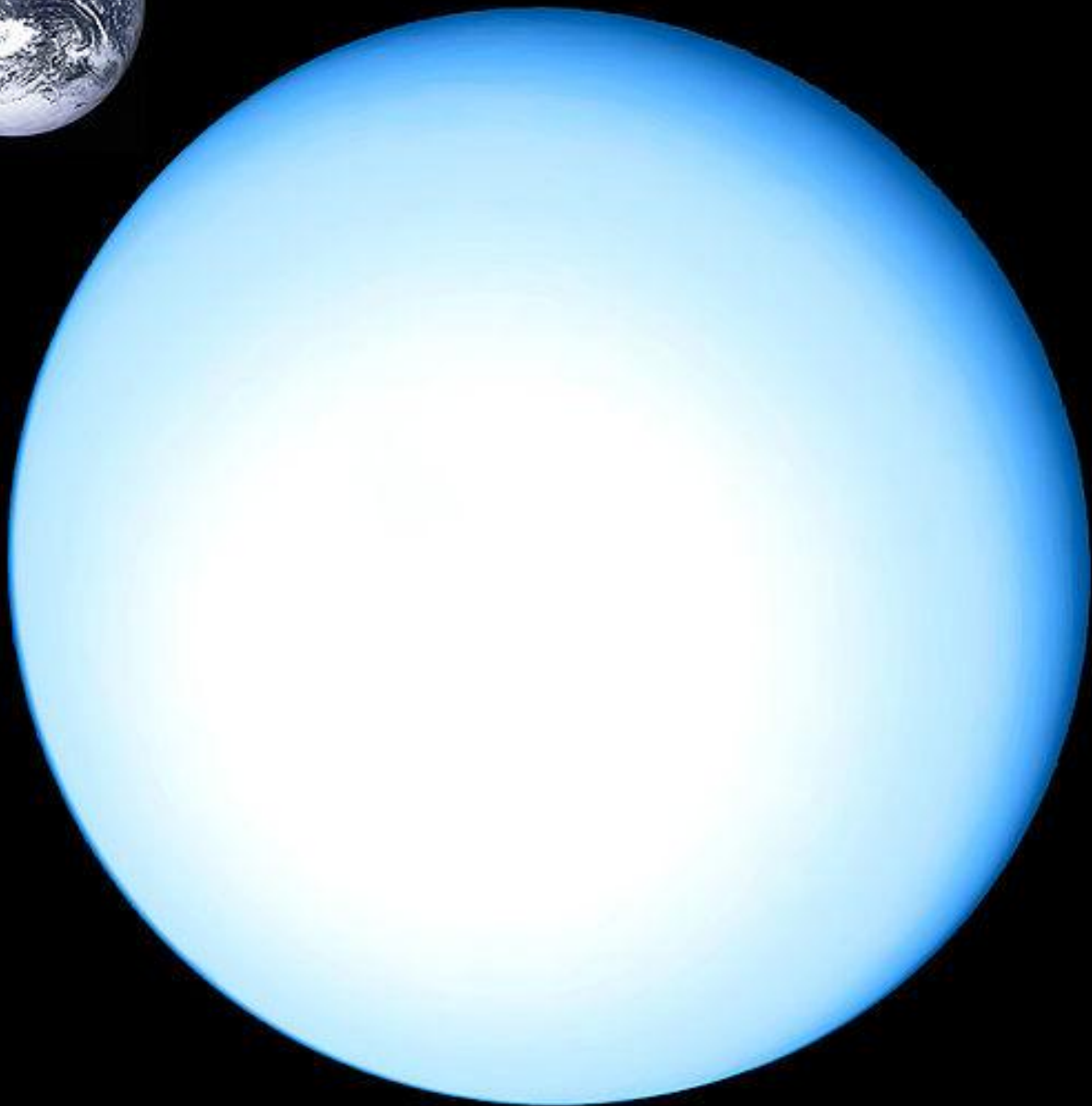




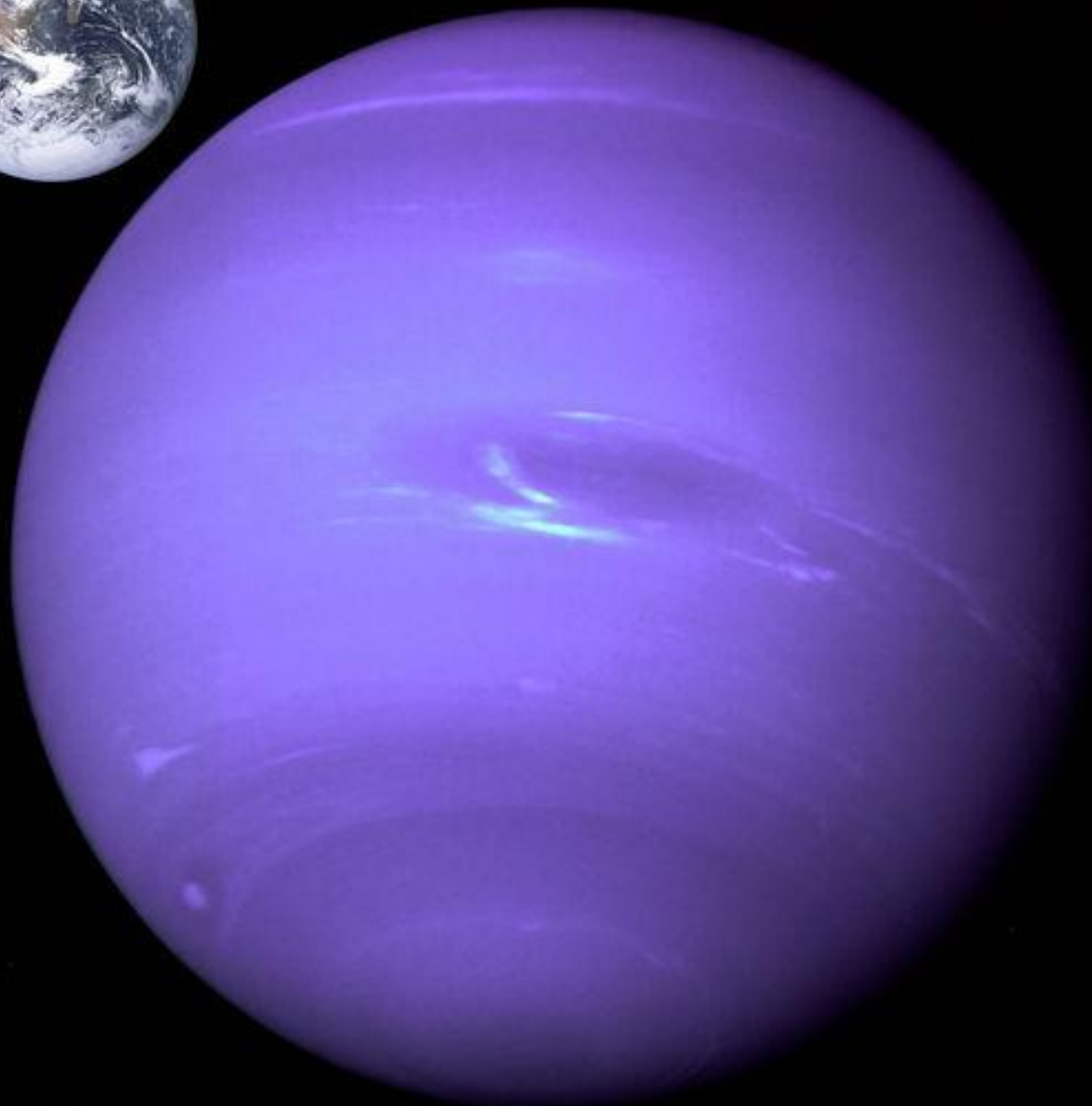
Угловой размер объекта



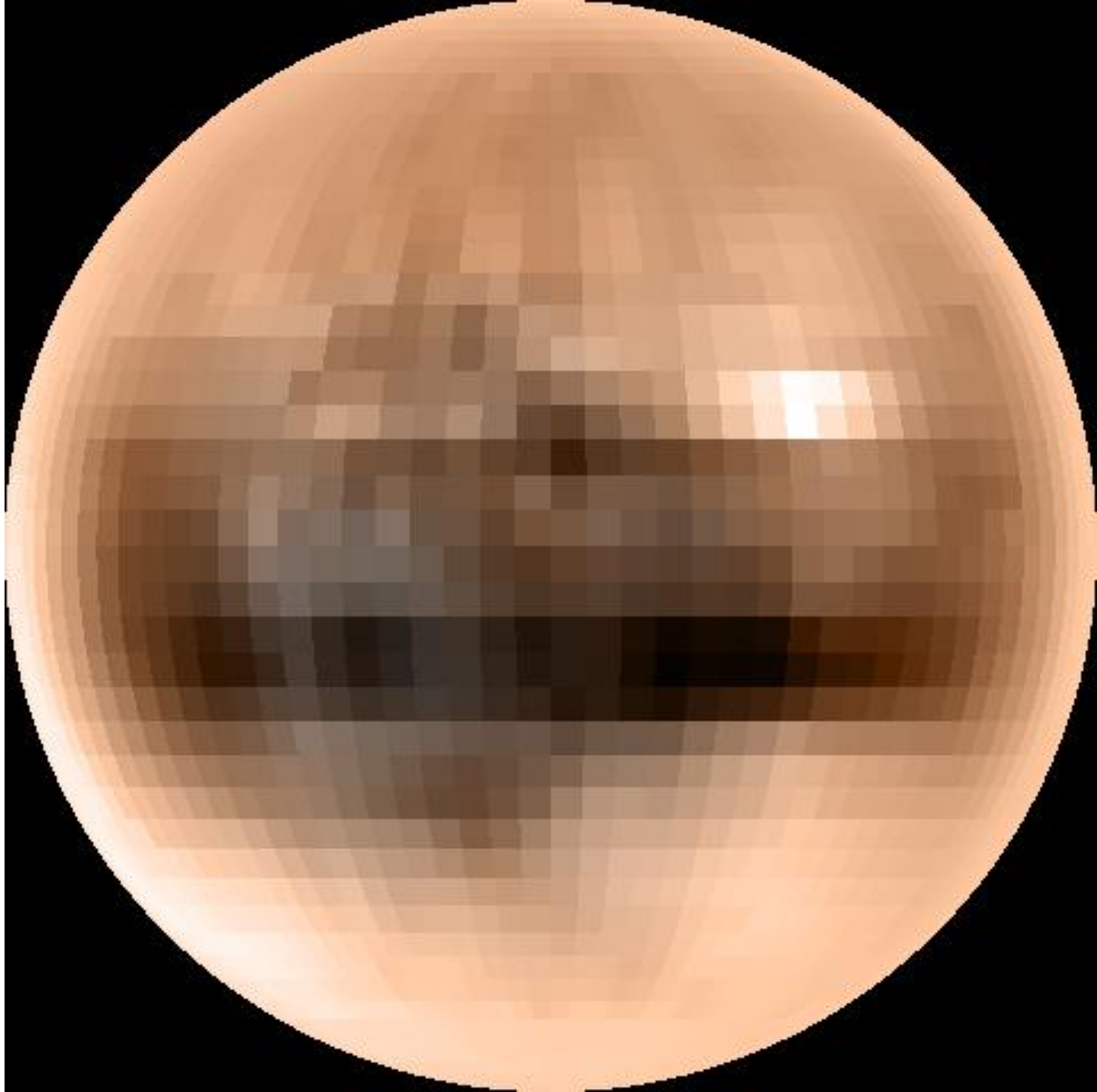
Уран



Нептун



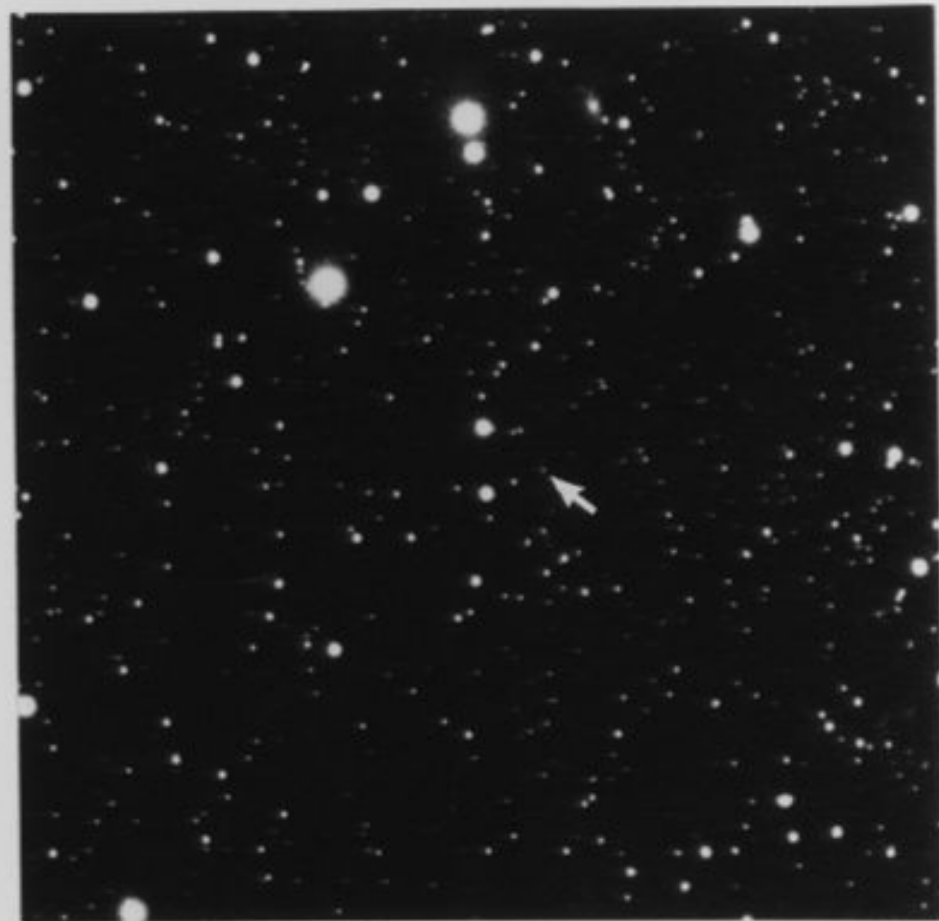
ПЛУТОН



DISCOVERY OF THE PLANET PLUTO



January 23, 1930



January 29, 1930

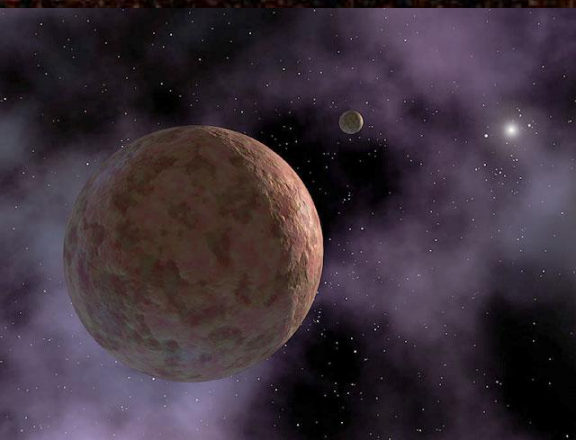
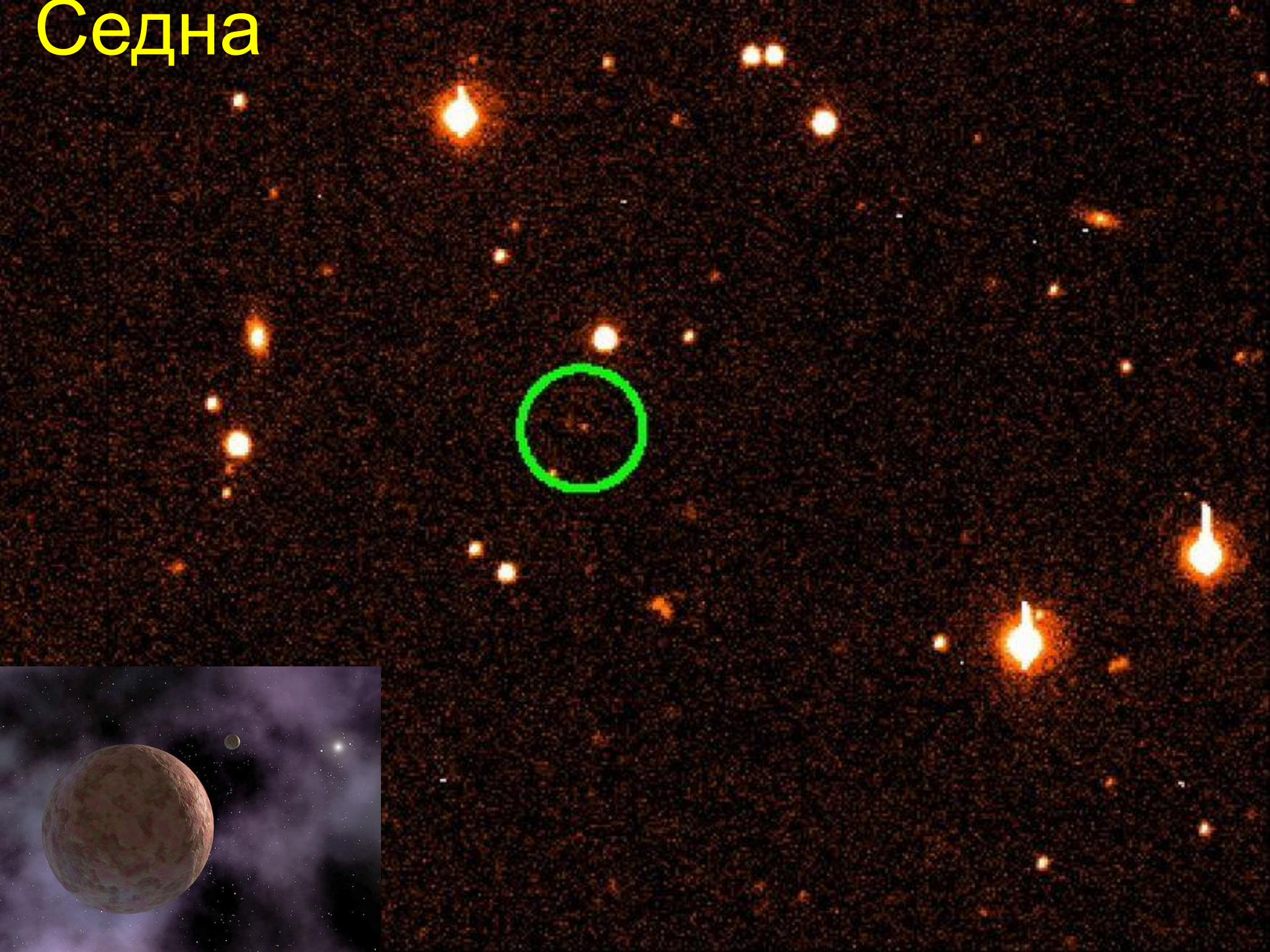


Разжалование Плутона

Largest known trans-Neptunian objects (TNOs)



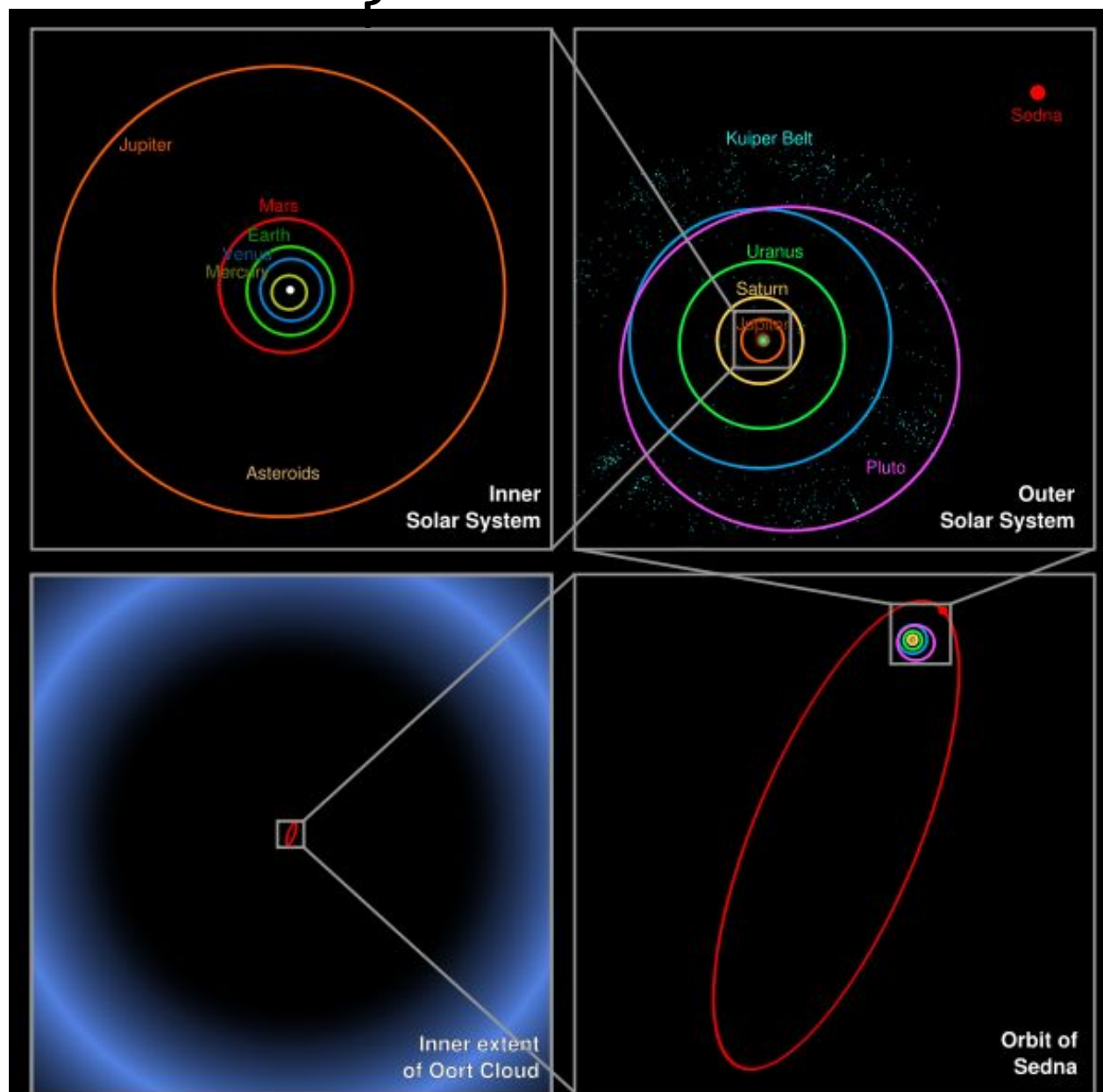
Седна

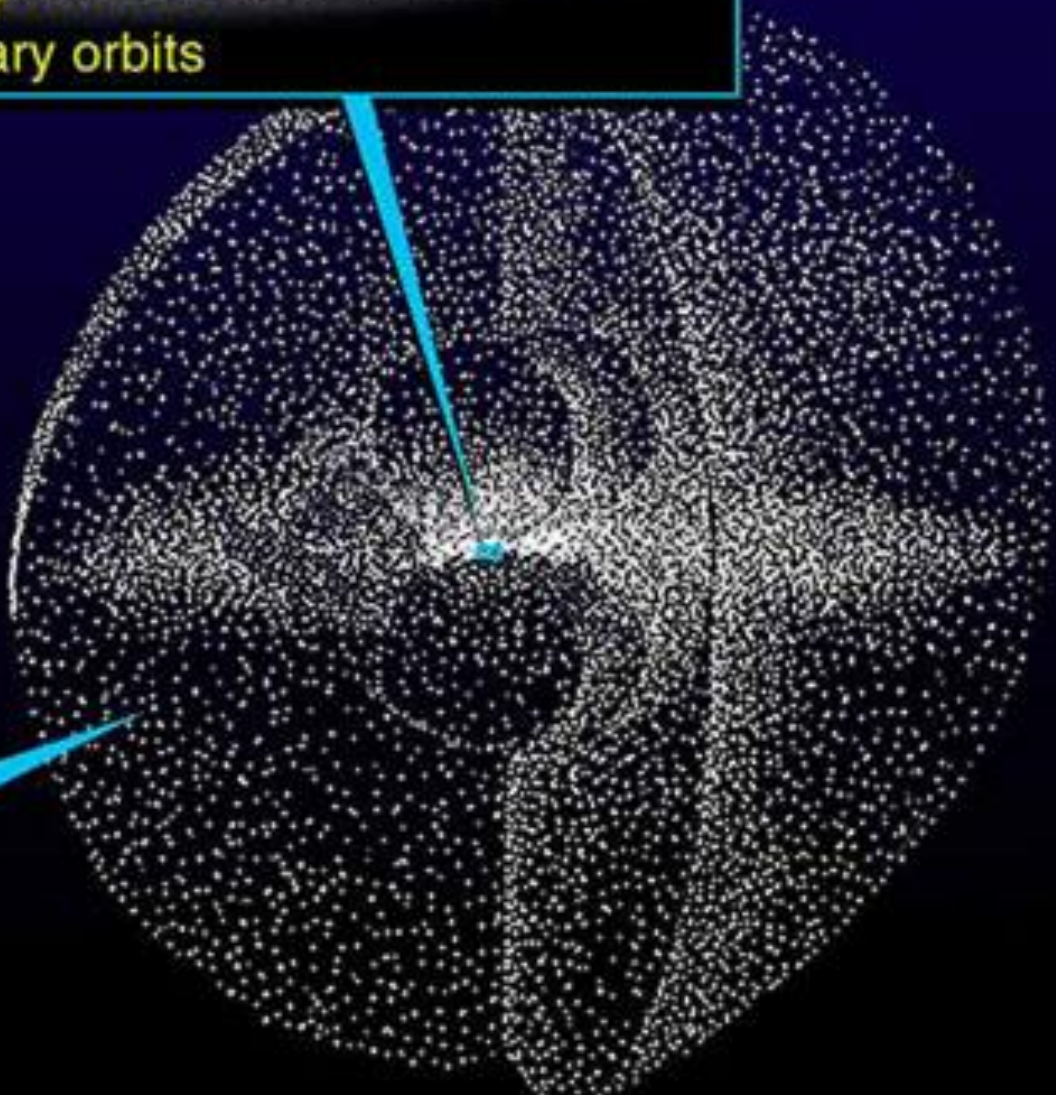
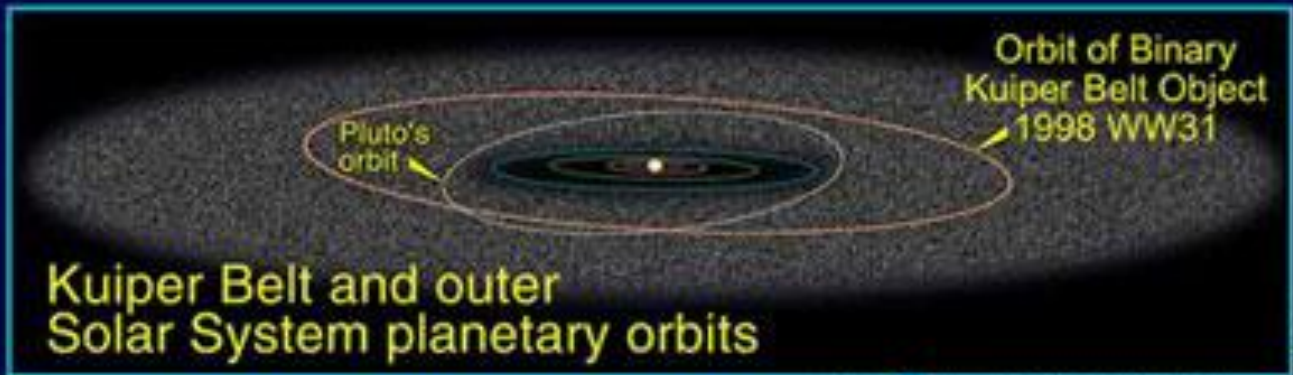


КОМЕТЫ



Что дальше ?





The Oort Cloud (comprising many billions of comets)

Oort Cloud cutaway drawing adapted from Donald K. Yeoman's illustration (NASA, JPL)