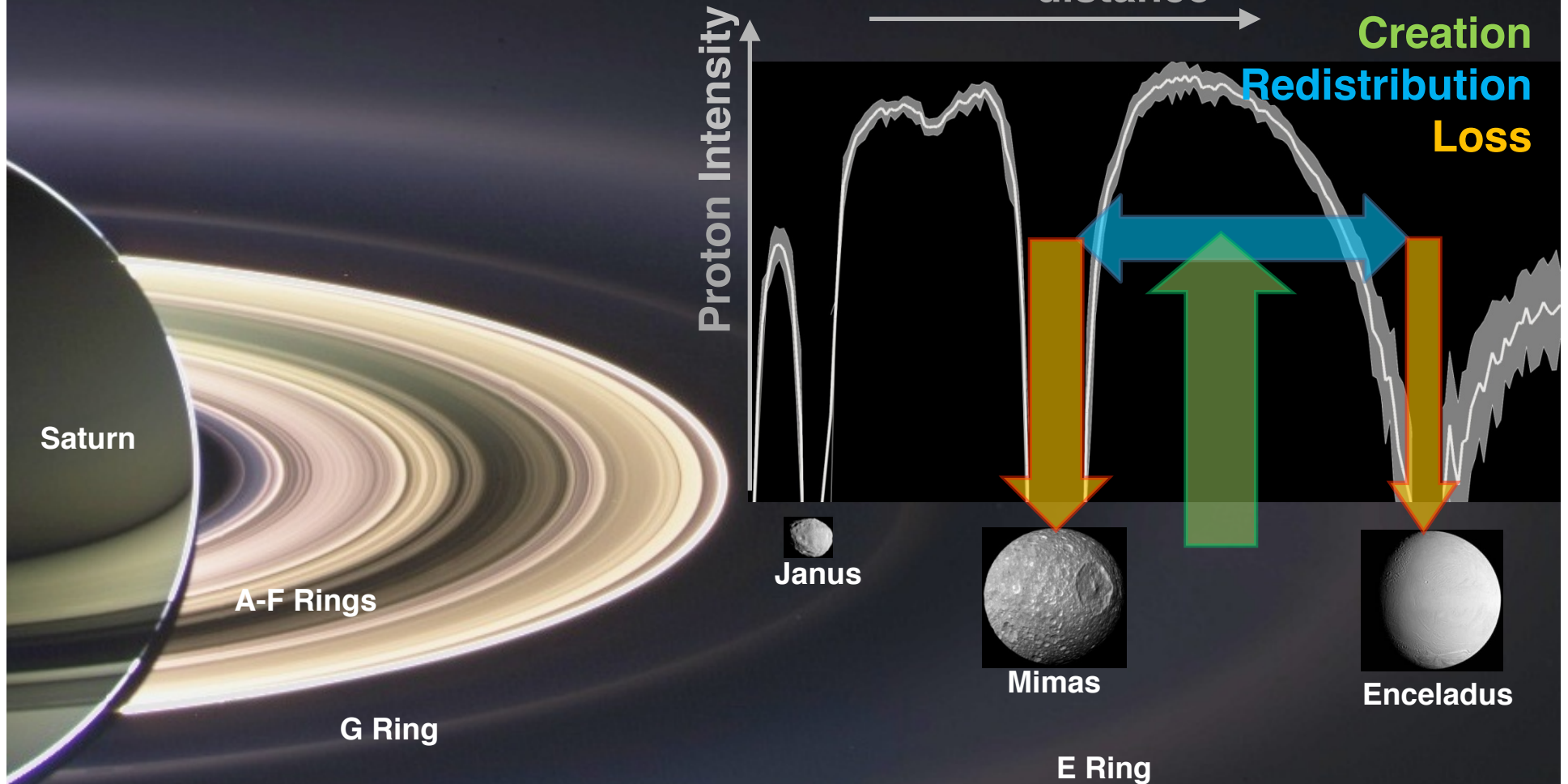


# Van Allen belts at Saturn



- Curves show proton radiation belts of Saturn. Protons have MeV energies
- Protons are created from neutrons produced by cosmic particles hitting Saturn
- They redistribute due to diffusion...
- ...until they reach the orbits of the icy moons or rings and get lost there. The E ring has no effect.