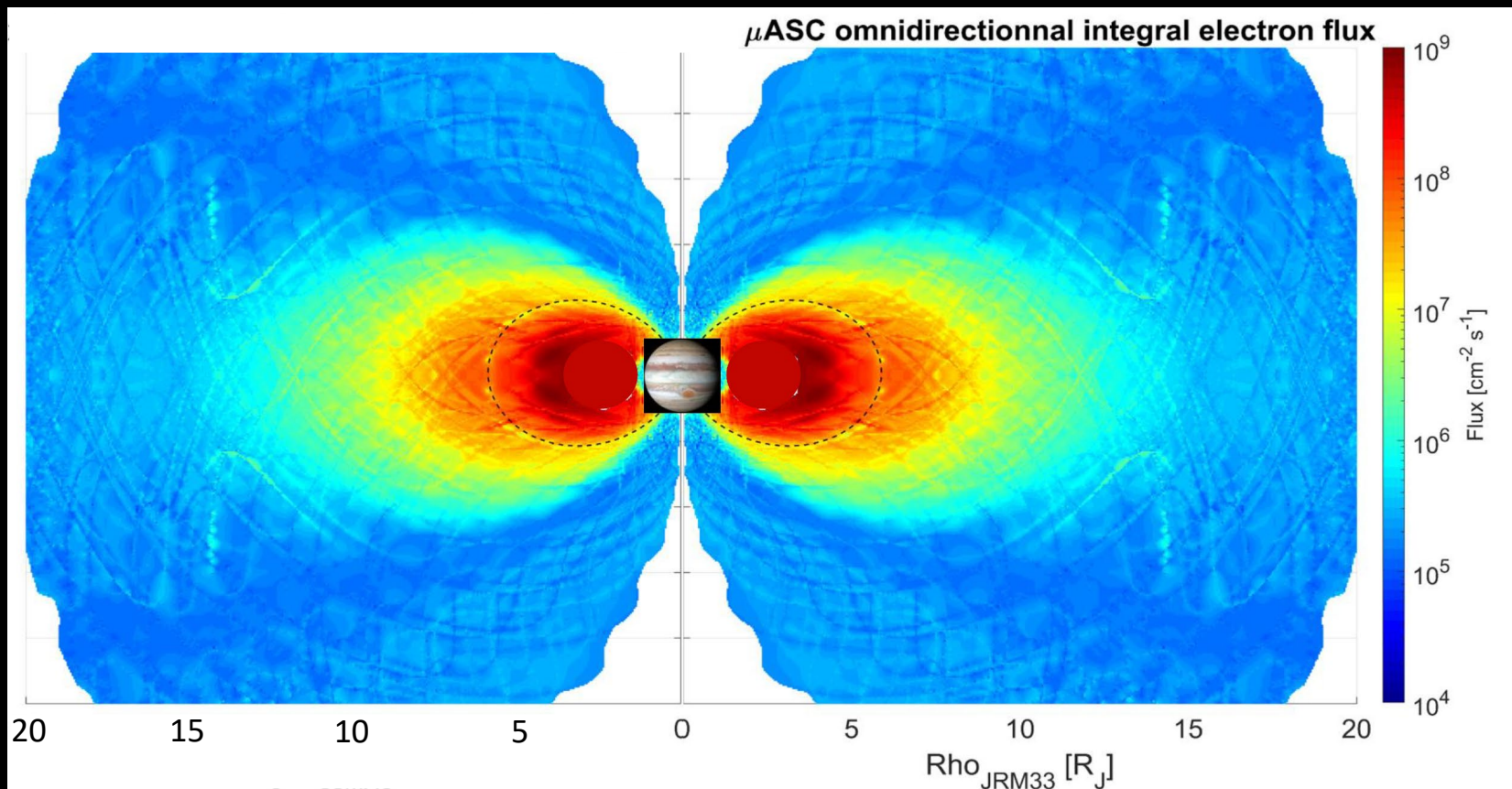


Juno completes 3-dimensional electron radiation map for Jupiter

- The ASC star camera, a component of the Magnetometer Investigation, has been repurposed as a particle radiation sensor, measuring primarily the omnidirectional electron flux.
- ASC is sensitive to a broad range of energies, but primarily provides information on electron energies between 10 and 100 MeV (right panel) given that the particle distributions decrease dramatically with energy.
- The unique polar orbit of Juno has allowed ASC to map out radiation in 3-dimensions.



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Denver et al., 2024

