

## 5.10.6 Electron halo population

**5.10.6** Confirm the origin of the electron halo population – is it derived from the scattering of the strahl (c.f. Maksimovic et al., 2005) and if so what are the physical mechanisms responsible for this and their radial and latitudinal dependencies?

Required observations:

- [SWA](#), [SWA Normal Mode](#), long-term survey, other instruments: MAG, RPW.

Duration:

- Long-term survey.

Other constraints:

- Radial dependence.
- Latitudinal dependence.