

Measurements of ultra relativistic electrons: RBSP

- Ultra relativistic electrons ($>$ tens of MeV)
- SAMPEX PET measurements lack spectral info

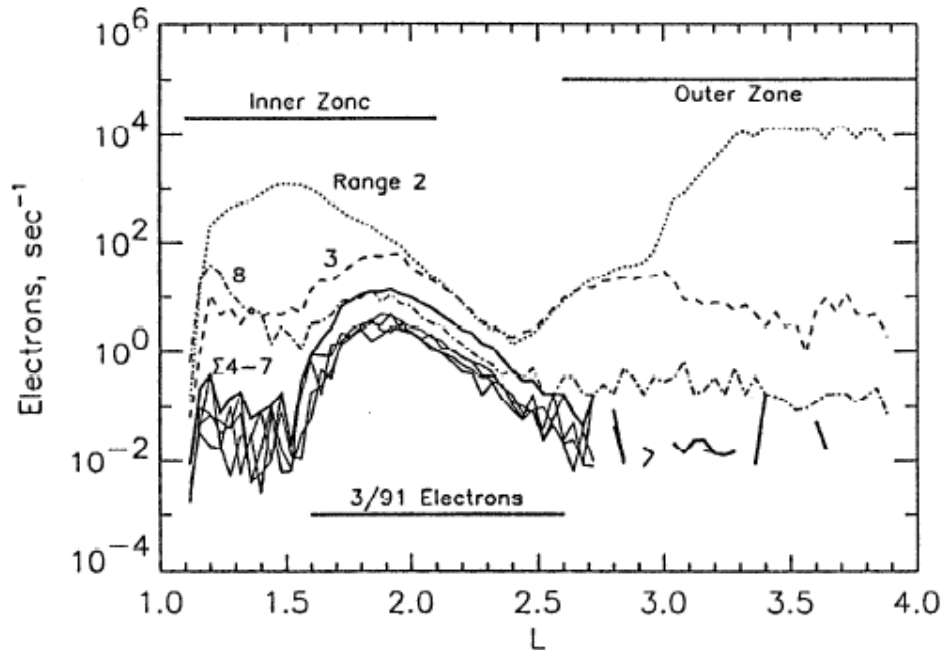


Figure 1. PET electron counting rates during 16–31 August 1992 as a function of L. Dotted line is Range 2, dashed is Range 3, dash-dotted is Range 8, solid lines are Ranges 4 to 7, and heavy solid line is their sum.

Measurements of ultra relativistic electrons: RBSP

- Ultra relativistic electrons
 - outer belt
 - inner belt : injections from strong storms

- Measurements from REPT

- very good spectral resolution
- 3 differential and 1 integral channel above ~ 10 MeV

