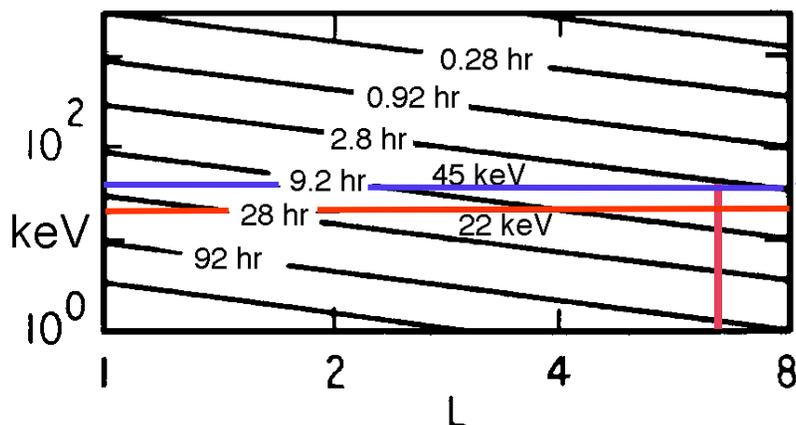




# Substorm Ion Injection At $7 R_E$

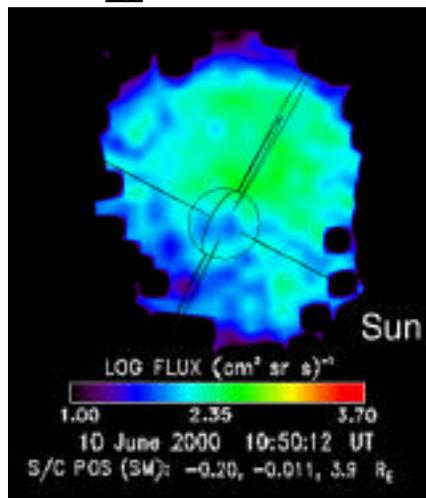


Figure adapted from Shultz & Lanzerotti, 1974

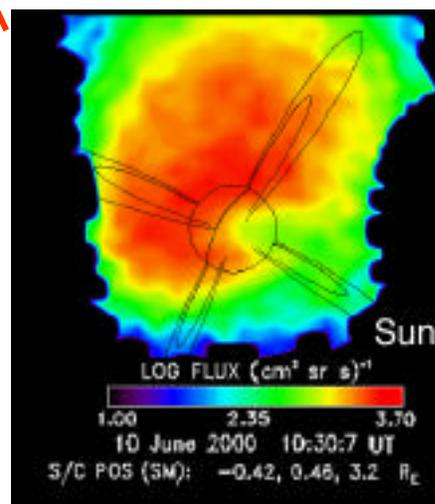
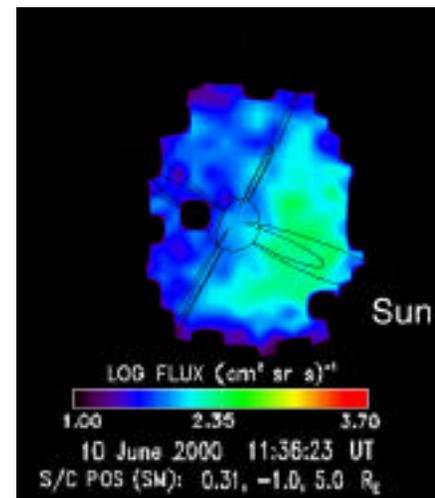


- *Broad injection front.*
- *All energies drift at a rate consistent with injection at about  $L = 7R_E$ ;*
- *6 hr drift period @ 22 keV*
- *3 hr drift period @ 45 keV*

Energetic Neutral Atom Images  
From IMAGE/HENA, 6/10/00



<---- ~0.75 hours, 45 keV ---->



<---- ~1.5 hours, 22 keV ---->

