

Energetic Electron, Electric and Magnetic Fields  
24 March 1991

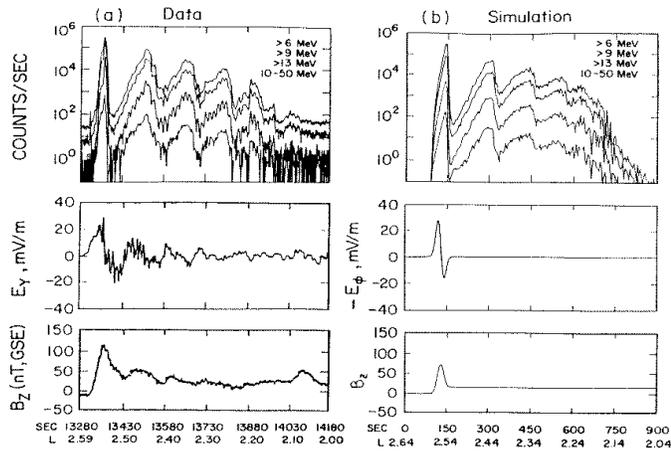


Figure 2. (Fig. 1 of [Li et al., 1993a]) (a) Data from the CRRES satellite at the time of the March 24, 1991 SSC. Top panel shows count rates as a function of time from four energetic electron channels measuring integral counts above a threshold energy indicated, and also between 10-50 MeV. Middle and bottom panels show the measured electric field  $E_y$  in a co-rotational frame and the  $B_z$  magnetic field component with a model magnetic field subtracted, in GSE coordinates over the same time interval. (b) Simulated results in the same format as (a) measured at a spatial location corresponding to the trajectory of the CRRES satellite.