



Figure 4: Various parameters plotted vs. time for the first half of 1995. The panels are (from top): differential flux of electrons ($\#/cm^2\text{-s-sr-MeV}$) in the solar wind (every 15 minutes); solar wind velocity (every 12 minutes), V_{sw} ; solar wind velocity fluctuation directly calculated from the V_{sw} and then with a 10 hour averaging window; daily averages of the integral flux of electrons (electron/ $cm^2\text{-s-sr}$) measured by SAMPEX for >0.4 MeV at $L=10$; and for (2-6 MeV) at $L=6.6$; daily averages of the differential flux (electron/ $cm^2\text{-s-sr-MeV}$) of electrons measured by the LANL sensor onboard geosynchronous satellite (1989-046); D_{st} index.