GEOTAIL EPIC

Jul 7, 1997 (188)

Plotting S/W Version: 3.71
Plotted: Thu Sep 4 14:56 1997

EPI L1 Data: V01 (V 3)
EPI Cal: V 2.12
MGF L2 Data: V01 (V 2.1)
ORB DEF Data: V01

--- Graphs and Data ---

- Energy (keV) vs. Velocity (km/s) plots with mass/charge distributions.
- Log(dJ/dE) vs. Energy (keV) plots for different energy ranges.
- Log(dJ/dv) vs. Velocity (km/s) plots for different mass/charge compositions.
- dB/B vs. UT (hours) with X and Y components in GSM and GSE coordinates.

--- Mass/Charge Compositions ---

- H+ ----
- He+2 ----
- He+ ----
- N+ ----
- O+2 ----
- NO, O2+ ----
- N2+ ----
- SW, SWp ----
- H+ ----

--- Axes and Labels ---

- Energy (keV) on the y-axis.
- Velocity (km/s) on the x-axis.
- Mass/Charge on the y-axis.
- dB/B on the x-axis.

--- Additional Information ---

- E3-E16 energy range.
- Sect. Avg Head: Avg
- T19-T3 TOF
- Log(dJ/dE) (cm^2 sr keV^-1)
- Log(dJ/dv) (cm^2 sr km^-1)

--- Legend ---

- Hdr and Mass/Charge symbols.
- Energy and Velocity ranges.
- dB/B and UT ranges.

--- Coordinate System ---

- UT (hours) with X and Y components in GSM and GSE coordinates.

--- Note ---

- The graphs and data represent the electron energy and mass/charge distributions measured by the GEOTAIL EPIC instrument on July 7, 1997.