### Plotting S/W Version: 3.51
Plotted: Wed Jan 22 12:12 1997

<table>
<thead>
<tr>
<th>UT</th>
<th>1200</th>
<th>1400</th>
<th>1600</th>
<th>1800</th>
<th>2000</th>
<th>2200</th>
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</thead>
<tbody>
<tr>
<td>X_{GSM}</td>
<td>-12.7</td>
<td>-11.2</td>
<td>-9.7</td>
<td>-8.1</td>
<td>-6.4</td>
<td>-4.8</td>
<td>-3.3</td>
</tr>
<tr>
<td>Y_{GSM(GSE)}</td>
<td>22.2(-22.3)</td>
<td>22.4(-22.4)</td>
<td>22.3(-22.3)</td>
<td>22.0(-22.1)</td>
<td>21.4(-21.7)</td>
<td>20.7(-21.2)</td>
<td>20.2(-20.7)</td>
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<tr>
<td>Z_{GSM(GSE)}</td>
<td>2.8(-1.9)</td>
<td>1.6(-1.7)</td>
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<td>-3.9(-1.2)</td>
<td>-4.7(-1.0)</td>
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### Magnetic Field (in GSM(GSE) coordinates)

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### Particle Measurements

#### E3 Energy (61.5-73.7 keV)
- Dusk
- Tail
- Dawn
- Channel I, FSR ions
- Head: Avg

#### E6 Energy (110.-137. keV)
- SWp
- Br1 O&NO
- Hr0 H+
- Head: Avg
- Sect: Avg

#### E11 Energy (363.-471. keV)
- ED1 e-
- > 38.0 keV
- M2 CNO
- 187-221. keV
- Head: Avg
- Sect: Avg

#### STICS Count Rate (s)
- SMR1 He+2
- 9.27-215. keV/e
- SMR0 He+1
- 9.27-215. keV/e
- SWs
- Sect: Avg
- Head: Avg

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**GEOTAIL EPIC**

Dec 18, 1996 (353)