### HE/H DIFFERENTIAL INTENSITY RATIOS, ICS

<table>
<thead>
<tr>
<th>UT</th>
<th>1200</th>
<th>1400</th>
<th>1600</th>
<th>1800</th>
<th>2000</th>
<th>2200</th>
<th>0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>X_{GSM}</td>
<td>1.2</td>
<td>-2.3</td>
<td>-5.5</td>
<td>-8.2</td>
<td>-10.0</td>
<td>-11.1</td>
<td>-11.6</td>
</tr>
<tr>
<td>Y_{GSM(GSE)}</td>
<td>8.7(9.5)</td>
<td>8.0(8.6)</td>
<td>6.5(6.8)</td>
<td>4.2(4.3)</td>
<td>1.4(1.3)</td>
<td>-1.7(-1.7)</td>
<td>-4.2(-4.2)</td>
</tr>
<tr>
<td>Z_{GSM(GSE)}</td>
<td>-4.1(-1.4)</td>
<td>-3.5(-1.5)</td>
<td>-2.5(-1.5)</td>
<td>-1.5(-1.3)</td>
<td>-1.0(-1.0)</td>
<td>-0.8(-0.6)</td>
<td>-0.6(-0.3)</td>
</tr>
</tbody>
</table>

### O/H DIFFERENTIAL INTENSITY RATIOS, ICS

### HE++/H+ DIFFERENTIAL INTENSITY RATIO, STICS

### O+/H+ DIFFERENTIAL INTENSITY RATIO, STICS