The diagram shows data analysis for geomagnetic activity and solar wind conditions. The x-axis represents Universal Time (UT) from 1200 to 2200, with additional points at 0000. The y-axis represents various solar wind parameters, with markers indicating data points and error bars for 67 keV and 129 keV hydrogen ions.

Key data points include:
- X_{GSM} values ranging from -13.3 to -4.6
- Y_{GSM(GSE)} values ranging from 21.1 to -15.1
- Z_{GSM(GSE)} values ranging from -10.0 to -16.0