

## POLAR TIDE/PSI

start time: 01/16/04 06:53:00 UT

stop time: 01/16/04 09:53:06 UT

no spin averaging

collapse option 2

\* sun pulse

standby

op TIDE  
off PSI  
mir stp

ranges used for average:

Obs.energy: 0.32 – 410.62 eV

spin angle: 0.00° – 360.00°

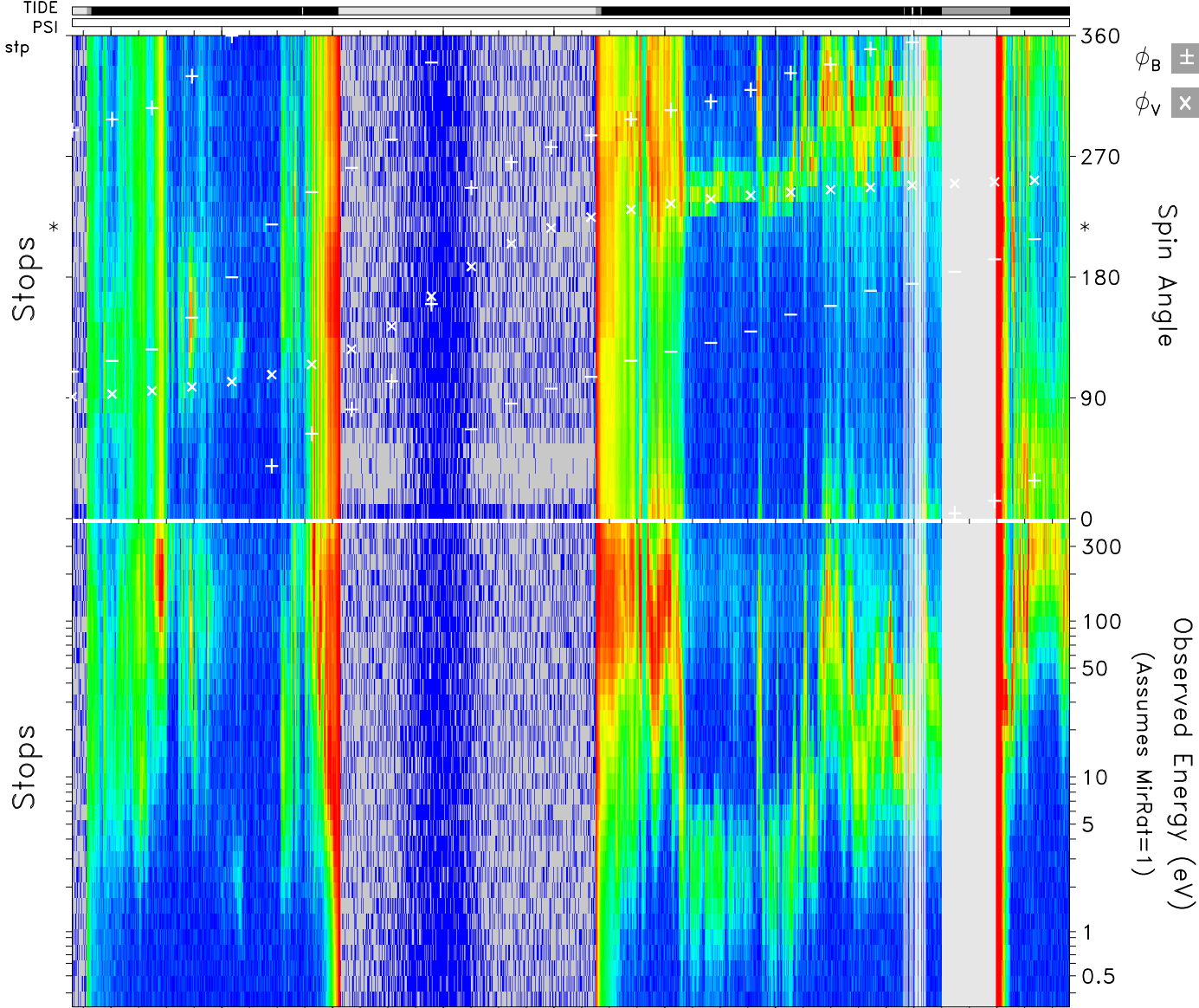
polar channels: 1 – 7

Energy Flux  
averaged

log[eVs<sup>-1</sup>cm<sup>-2</sup>s<sup>-1</sup>eV<sup>-1</sup>]

6.5  
6.0  
5.5  
5.0  
4.5  
4.0

no data  
no cnts



| time   | 07:00 | 07:20 | 07:40 | 08:00 | 08:20 | 08:40 | 09:00 | 09:20 | 09:40 | hr:mn |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Re     | 2.7   | 2.0   | 1.6   | 1.7   | 2.2   | 2.9   | 3.5   | 4.1   | 4.7   | Re    |
| Lshell | 8.0   | 80.7  | 4.3   | 1.8   | 3.6   | 10.6  | 32.3  | 85.2  | 100.0 |       |
| mlt    | 15.9  | 17.3  | 3.3   | 3.8   | 4.2   | 4.7   | 5.7   | 7.5   | 10.0  | hrs   |
| mlat   | 55.2  | 81.0  | 52.5  | -1.2  | -37.4 | -58.2 | -70.6 | -77.2 | -78.4 | degs  |
| invlat | 69.3  | 83.6  | 61.3  | 41.0  | 58.4  | 72.1  | 79.9  | 83.8  | 84.7  | degs  |

tide\_lz\_v6.1.0

Fri Aug 11 17:53:24 2006

plot: t0401160653\_0953\_sp.eshttr.ps

no minimum subtracted

instr\_sens: calib. eq.

calibration: tide\_calib.v6

mass\_calibration: mass\_calib.v7

ion\_mask: t040116\_v2.mask(0.80)

s/c potential = 0.0000

attitude: 04011602.cdf

orbit: 04011601.cdf

level-zero: 04011601.dat