TIDE Phase Space Density Velocity Distribution Plots

04/06/00 23:51:53 to 23:51:59 UT

mag_el: 96°
mag_az: 320°
s/c pot: 3.08 0.00 v
gse_dec: 0.50 rad
gse_r_asc: 4.58 rad

Re: 3.0485
Lshell: 6.992
mlt: 12.1 hr
mlat: −48.904°
invlat: 67.779°
TIDE on, PSI off

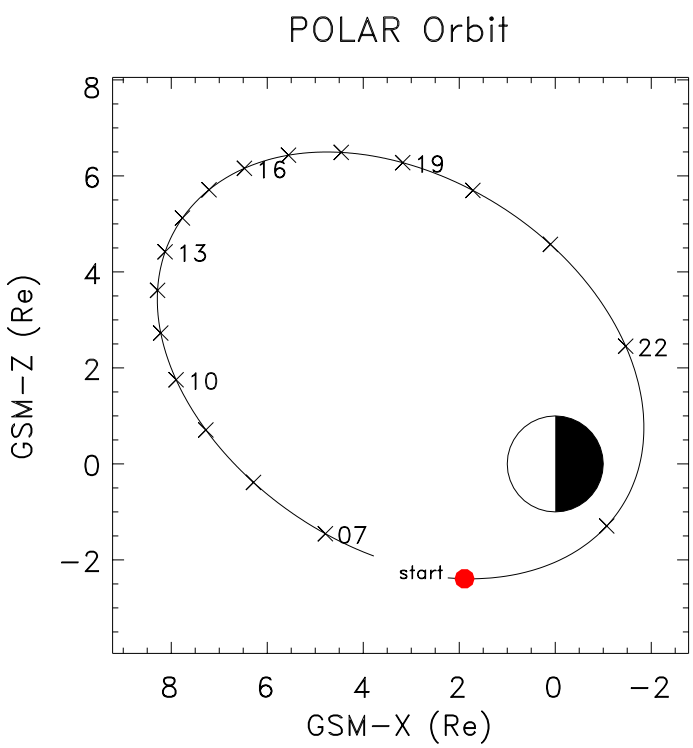
Vsc−X: 4.09e+00 km/s
Vsc−Y: 3.58e+00 km/s
Vsc−Z: 2.94e−01 km/s

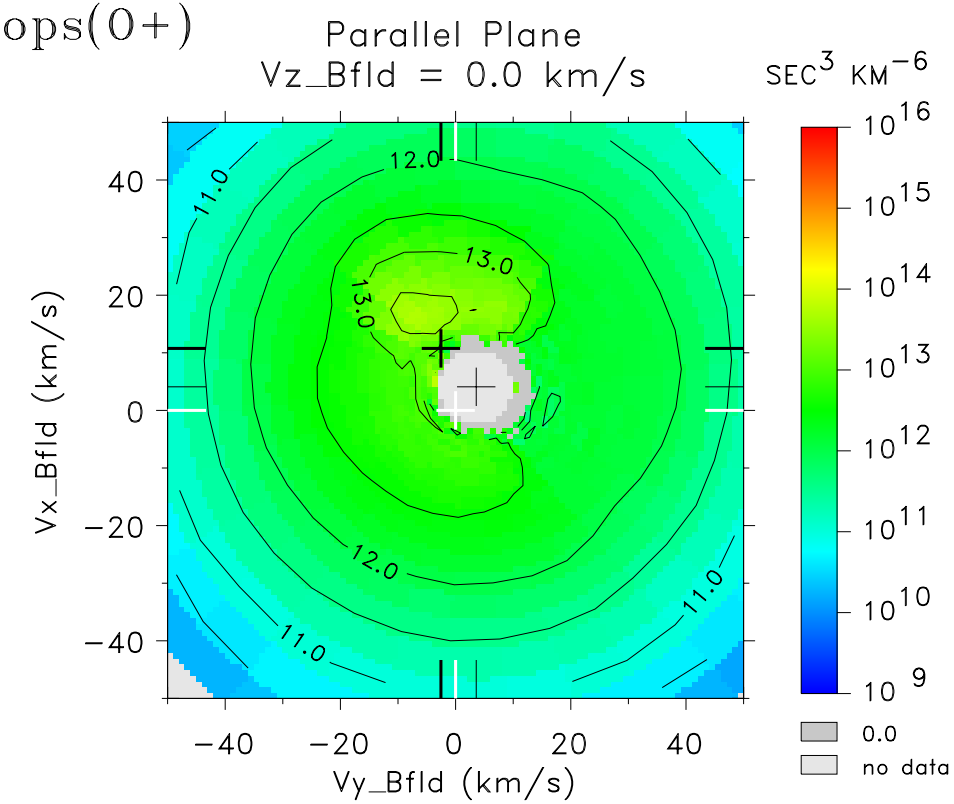
moments calculation ranges:
Obs.energy: 0.32 − 410.62 eV
spin angle: 0.00° − 360.00°
polar channels: 1 − 7

den: 1.97e+02 cm^{-3}
t_parl: 7.22e+01 eV
t_perp: 6.62e+01 eV
Vpl−X: 1.08e+01 km/s
Vpl−Y:−2.54e+00 km/s

earth
spacecraft
plasma

Stops(O+)





tide_lz_v6.1.3
Tue Jan 20 10:01:57 2009
plot: t000406235153_01s_16.q6059.vborvz.ps
minimum count subtracted

instr_sens: calib. eq.
mass_calibration: mass_calib.v8
calibration: tide_calib.v6
ion mask: t000405_v2.mask (1.00)

s/c pot offset = 2.00
attitude: 00040603.cdf
orbit: 00040602.cdf
level−zero: 00040601.dat