TIDE Phase Space Density Velocity Distribution Plots

04/06/00 23:47:59 to 23:48:05 UT

mag_el: 93°
mag_az: 313°
s/c pot: 2.98 0.00 v
gse_dec: 0.50 rad
gse_r_asc: 4.58 rad

Re: 2.9279
Lshell: 7.626
mlt: 12.1 hr
mlat: −51.891°
invlat: 68.770°
TIDE on, PSI off

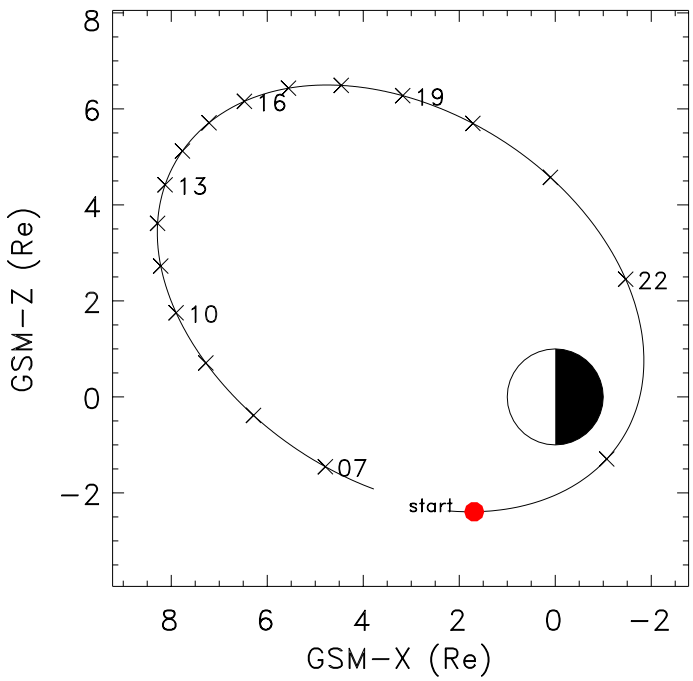
Vsc−X: 3.88e+00 km/s
Vsc−Y: 4.04e+00 km/s
Vsc−Z: 6.20e−02 km/s

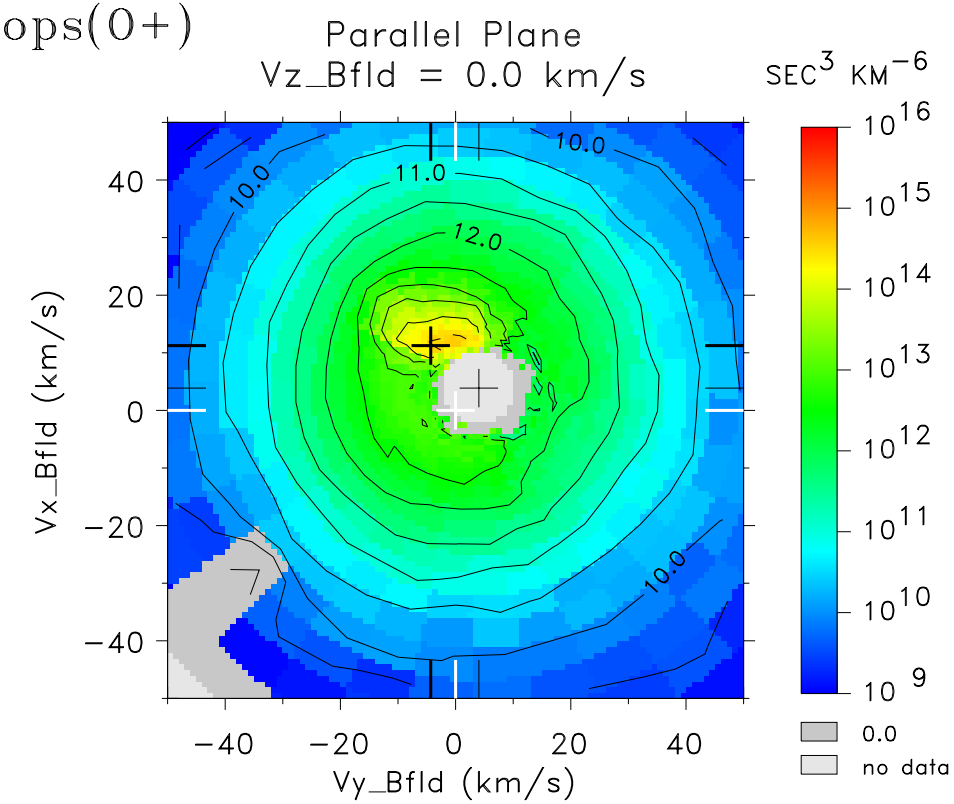
moments calculation ranges:
Obs.energy: 0.32 − 410.62 eV
spin angle: 0.00° − 360.00°
polar channels: 1 − 7

den: 1.54e+02 cm^{-3}
t_parl: 1.28e+01 eV
t_perp: 1.17e+01 eV
Vpl−X: 1.13e+01 km/s
Vpl−Y:−4.31e+00 km/s

earth
spacecraft
plasma

Stops(O+)





tide_lz_v6.1.3
Tue Jan 20 09:59:57 2009
plot: t000406234759_01s_16.q5892.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