TIDE Phase Space Density Velocity Distribution Plots

04/06/00 21:57:06 to 21:57:12 UT

mag_el: 91°
mag_az: 316°
s/c pot: 4.60 0.00 v
gse_dec: 0.50 rad
gse_r_asc: 4.58 rad

Re: 2.9451
Lshell: 7.665
mlt: 24.0 hr
mlat: 51.664°
invlat: 68.826°
TIDE on, PSI off

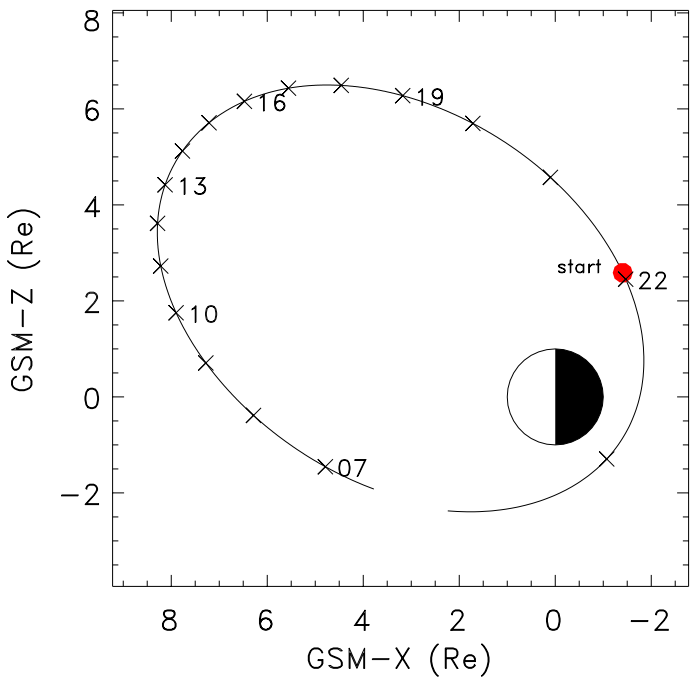
Vsc−X: 1.78e+00 km/s
Vsc−Y:−5.28e+00 km/s
Vsc−Z: 6.03e−02 km/s

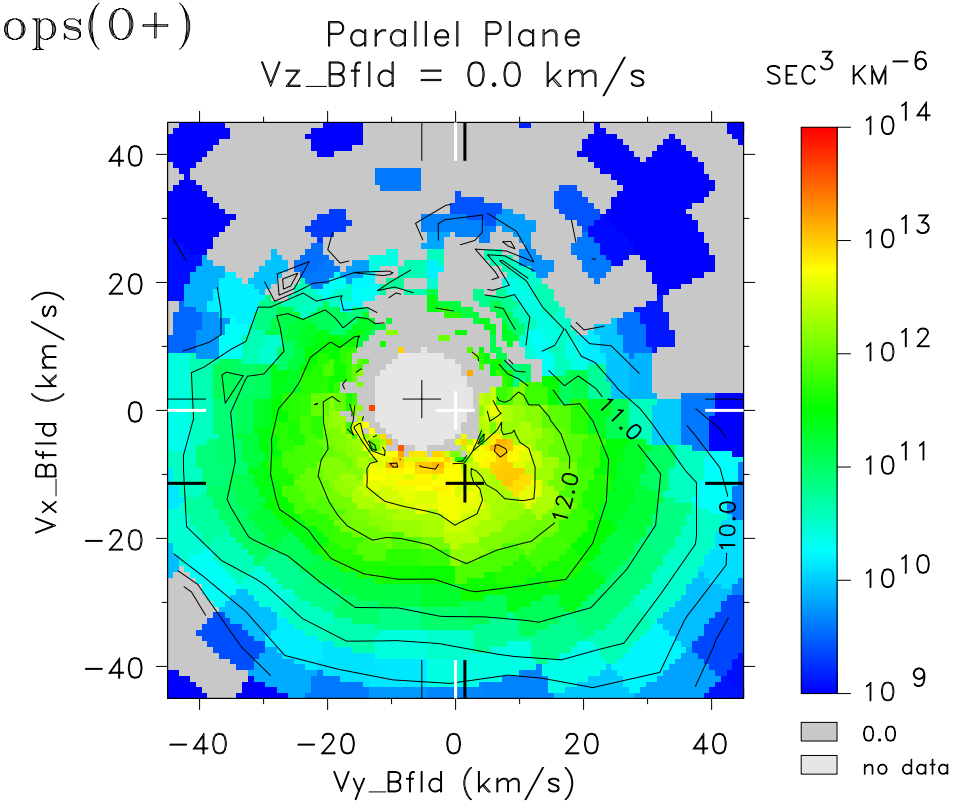
moments calculation ranges:
Obs.energy: 0.32 − 410.62 eV
spin angle: 0.00° − 360.00°
polar channels: 1 − 7

den: 2.11e+01 cm^{-3}
t_parl: 1.33e+01 eV
t_perp: 3.64e+01 eV
Vpl−X:−1.14e+01 km/s
Vpl−Y: 1.45e+00 km/s

earth
spacecraft
plasma

Stops(O+)





tide_lz_v6.1.3
Tue Jan 20 11:06:41 2009
plot: t000406215706_01s_16.q7300.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