TIDE Phase Space Density Velocity Distribution Plots

02/18/99 04:20:38 to 04:20:44 UT

mag_el: 86°
mag_az: 71°
s/c pot: 2.76 0.00 v
gse_dec:−0.46 rad
gse_r_asc: 2.42 rad

Re: 1.9599
Lshell: 100.000
mlt: 21.0 hr
mlat: −84.919°
invlat: 86.393°
TIDE on, PSI off

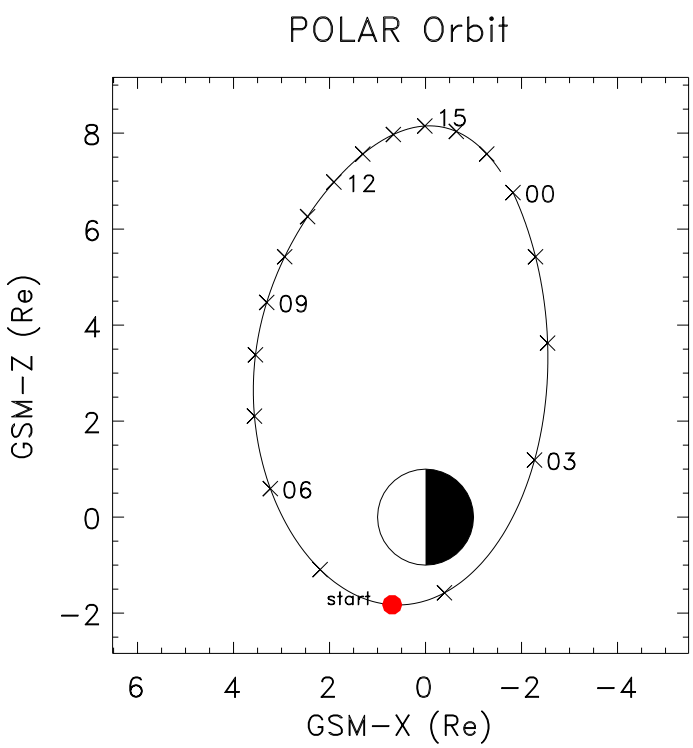
Vsc−X: 7.75e−01 km/s
Vsc−Y:−7.19e+00 km/s
Vsc−Z:−1.55e−01 km/s

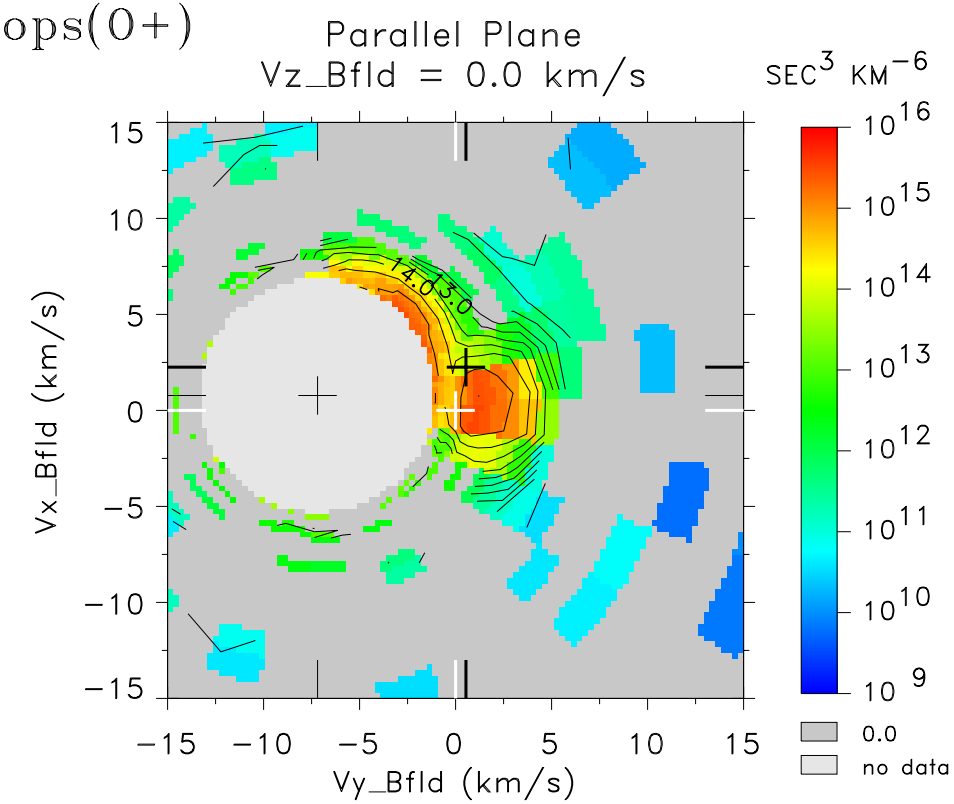
moments calculation ranges:
Obs.energy: 0.32 − 410.62 eV
spin angle: 0.00° − 360.00°
polar channels: 1 − 7

den: 1.23e+02 cm^{-3}
t_parl: 8.12e−01 eV
t_perp: 9.81e−01 eV
Vpl−X: 2.25e+00 km/s
Vpl−Y: 5.41e−01 km/s

earth
spacecraft
plasma

Stops(O+)





tide_lz_v6.1.3
Tue Jan 20 11:37:00 2009
plot: t990218042038_01s_16.q7661.vborvz.ps
minimum count subtracted

instr_sens: calib. eq.
mass_calibration: mass_calib.v8
calibration: tide_calib.v6
ion mask: t990217_v2.mask (1.00)

s/c pot offset = 2.00
attitude: 99021802.cdf
orbit: 99021802.cdf
level−zero: 99021801.dat