TIDE Phase Space Density Velocity Distribution Plots

04/06/00 23:52:05 to 23:52:11 UT

mag_el: 97°
mag_az: 318°
s/c pot: 3.17 0.00 v
gse_dec: 0.50 rad
gse_r_asc: 4.58 rad

Re: 3.0546
Lshell: 6.965
mlt: 12.1 hr
mlat: −48.759°
invlat: 67.734°
TIDE on, PSI off

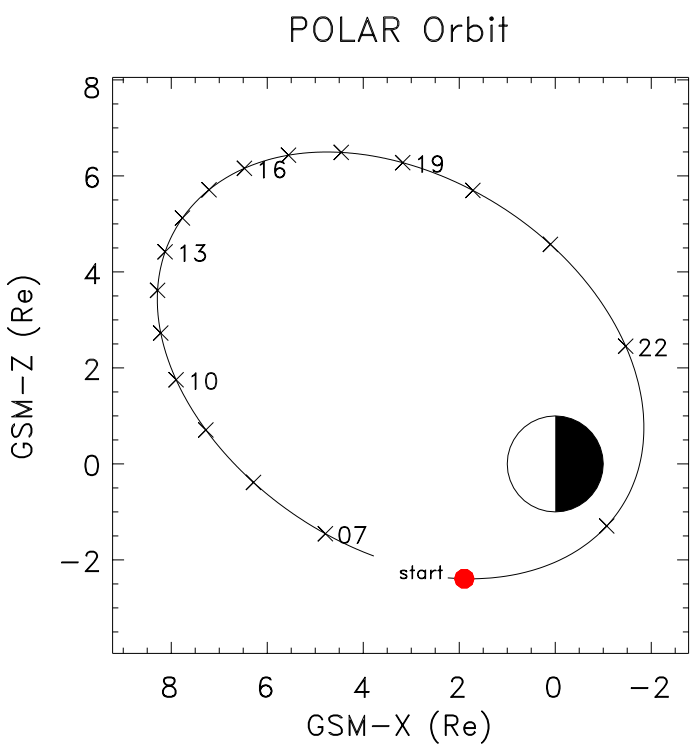
Vsc−X: 3.92e+00 km/s
Vsc−Y: 3.75e+00 km/s
Vsc−Z: 3.45e−01 km/s

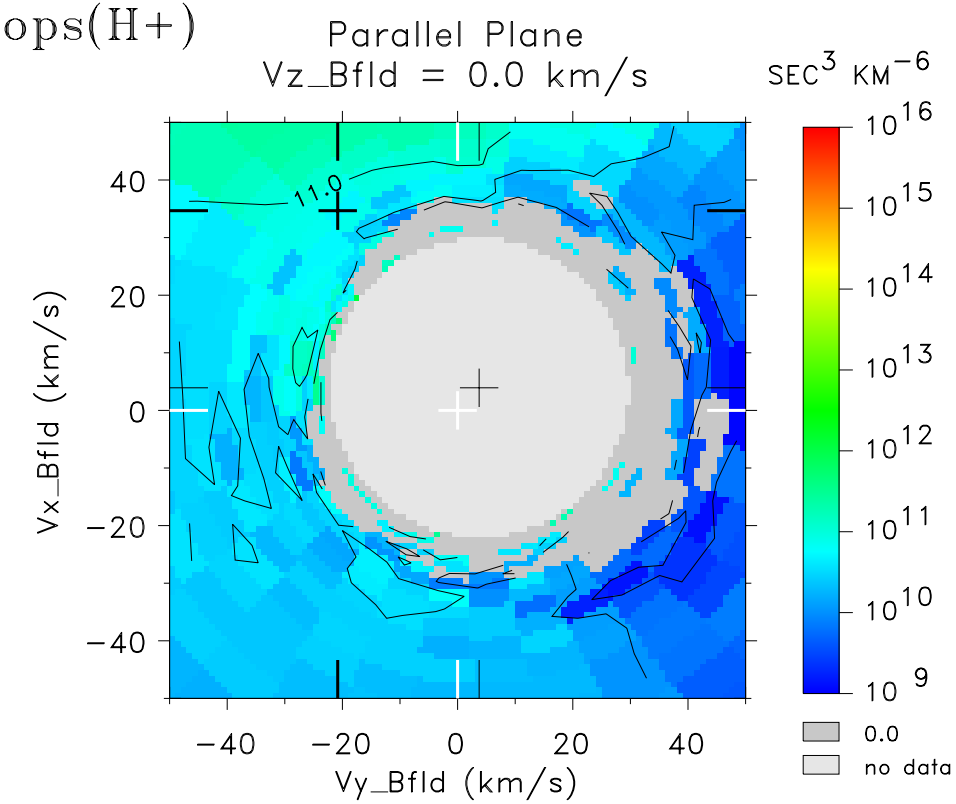
moments calculation ranges:
Obs.energy: 0.32 − 410.62 eV
spin angle: 0.00° − 360.00°
polar channels: 1 − 7

den: 5.41e+01 cm^{-3}
t_parl: 6.22e+01 eV
t_perp: 5.84e+01 eV
Vpl−X: 3.47e+01 km/s
Vpl−Y:−2.08e+01 km/s

earth
spacecraft
plasma

Stops(H+)





tide_lz_v6.1.3
Tue Jan 20 10:01:57 2009
plot: t000406235205_01s_01.q6013.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