TIDE Phase Space Density Velocity Distribution Plots

04/13/00 00:03:01 to 00:03:07 UT

mag_el: 93°
mag_az: 276°
s/c pot: 6.42 0.00 v
gse_dec: 0.51 rad
gse_r_asc: 4.47 rad

Re: 2.2446
Lshell: 54.583
mlt: 12.8 hr
mlat: −78.266°
invlat: 82.221°
TIDE on, PSI off

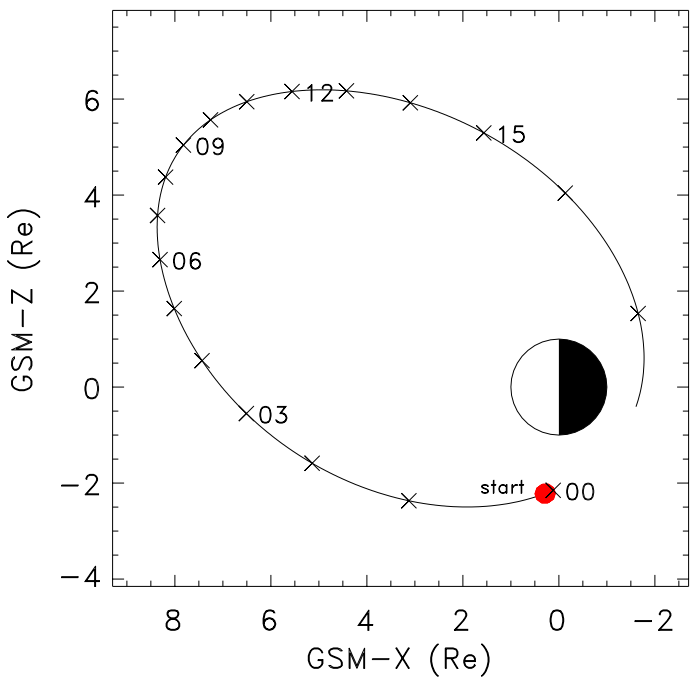
Vsc−X: 2.92e+00 km/s
Vsc−Y: 5.98e+00 km/s
Vsc−Z:−2.48e−02 km/s

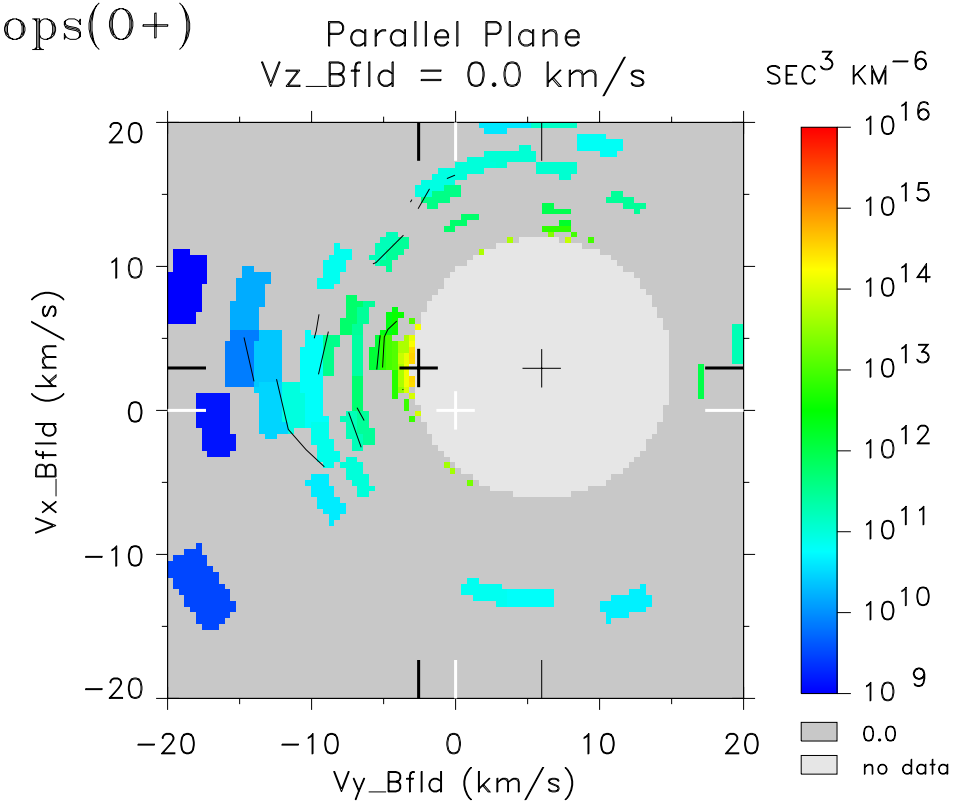
moments calculation ranges:
Obs.energy: 0.32 − 410.62 eV
spin angle: 0.00° − 360.00°
polar channels: 1 − 7

den: 2.31e+00 cm^{-3}
t_parl: 2.66e+00 eV
t_perp: 2.75e+00 eV
Vpl−X: 2.95e+00 km/s
Vpl−Y:−2.57e+00 km/s

earth
spacecraft
plasma

Stops(O+)





tide_lz_v6.1.3
Tue Jan 13 10:59:53 2009
plot: t000413000301_01s_16.q11438.vborvz.ps
minimum count subtracted

instr_sens: calib. eq.
mass_calibration: mass_calib.v8
calibration: tide_calib.v6
ion mask: t000413_v2.mask (1.00)

s/c pot offset = 2.00
attitude: 00041302.cdf
orbit: 00041302.cdf
level−zero: 00041301.dat