TIDE Phase Space Density Velocity Distribution Plots

04/23/96 03:34:57 to 03:35:56 UT

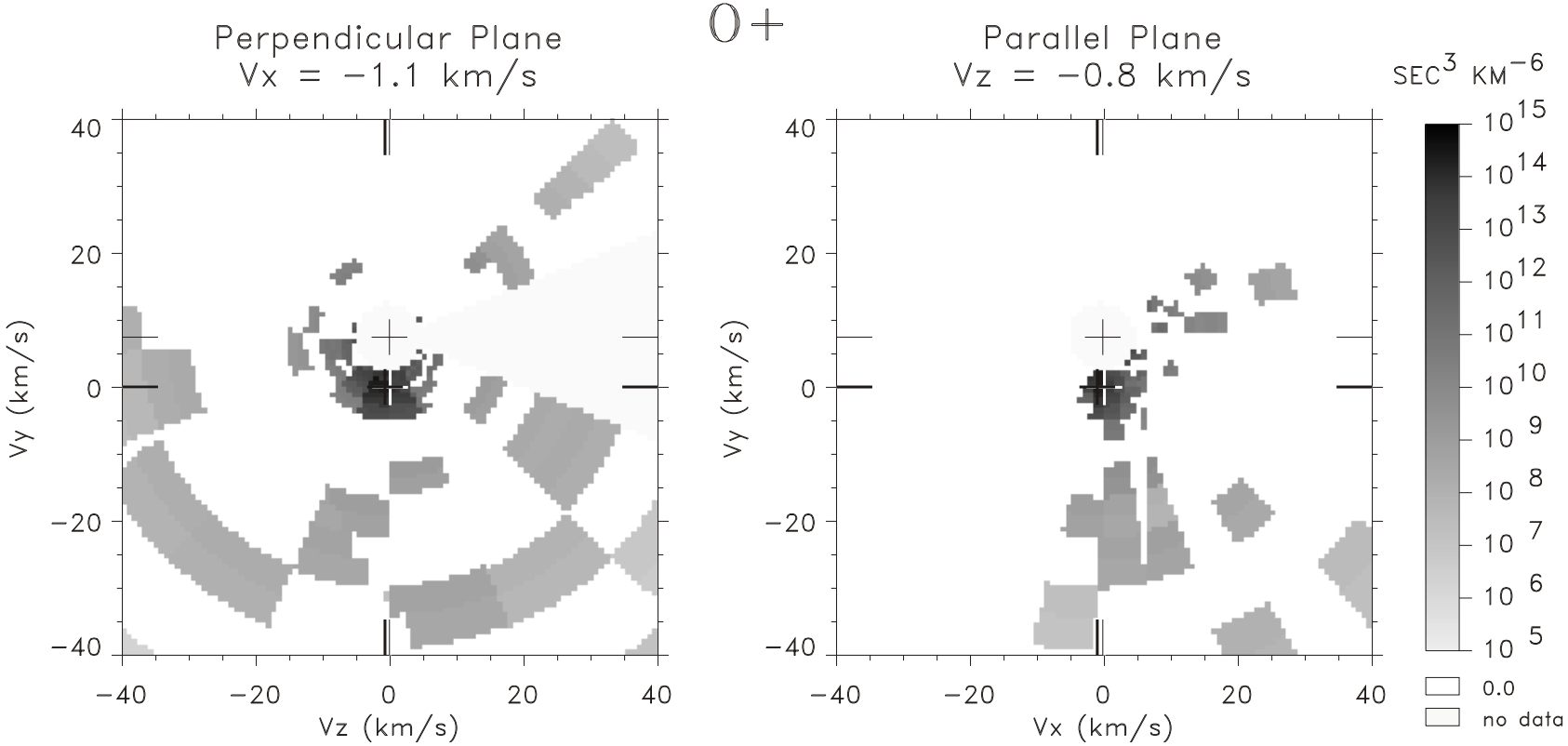
mag_el: 84°
mag_az: 271°
s/c pot: 1.73 0.20 v
gse_dec: 0.43 rad
gse_r_asc: 4.63 rad

Re: 1.8452
Lshell: 100.000
mlt: 8.1 hr
mlat: −86.957°
invlat: 87.782°
TIDE on, PSI off

Vsc−X:−2.49e−01 km/s
Vsc−Y: 7.49e+00 km/s
Vsc−Z:−9.70e−02 km/s

moments calculation ranges:
energy (RPA V): 0.00− 12.00
spin angle:180.00−247.50°
polar channels: 3−6

den: 7.96e+00 cm^{-3}
t_parl: 1.72e−01 eV
t_perp: 4.15e−01 eV
Vpl−X:−1.08e+00 km/s
Vpl−Y: 5.93e−02 km/s
Vpl−Z:−7.82e−01 km/s

earth
spacecraft
plasma

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