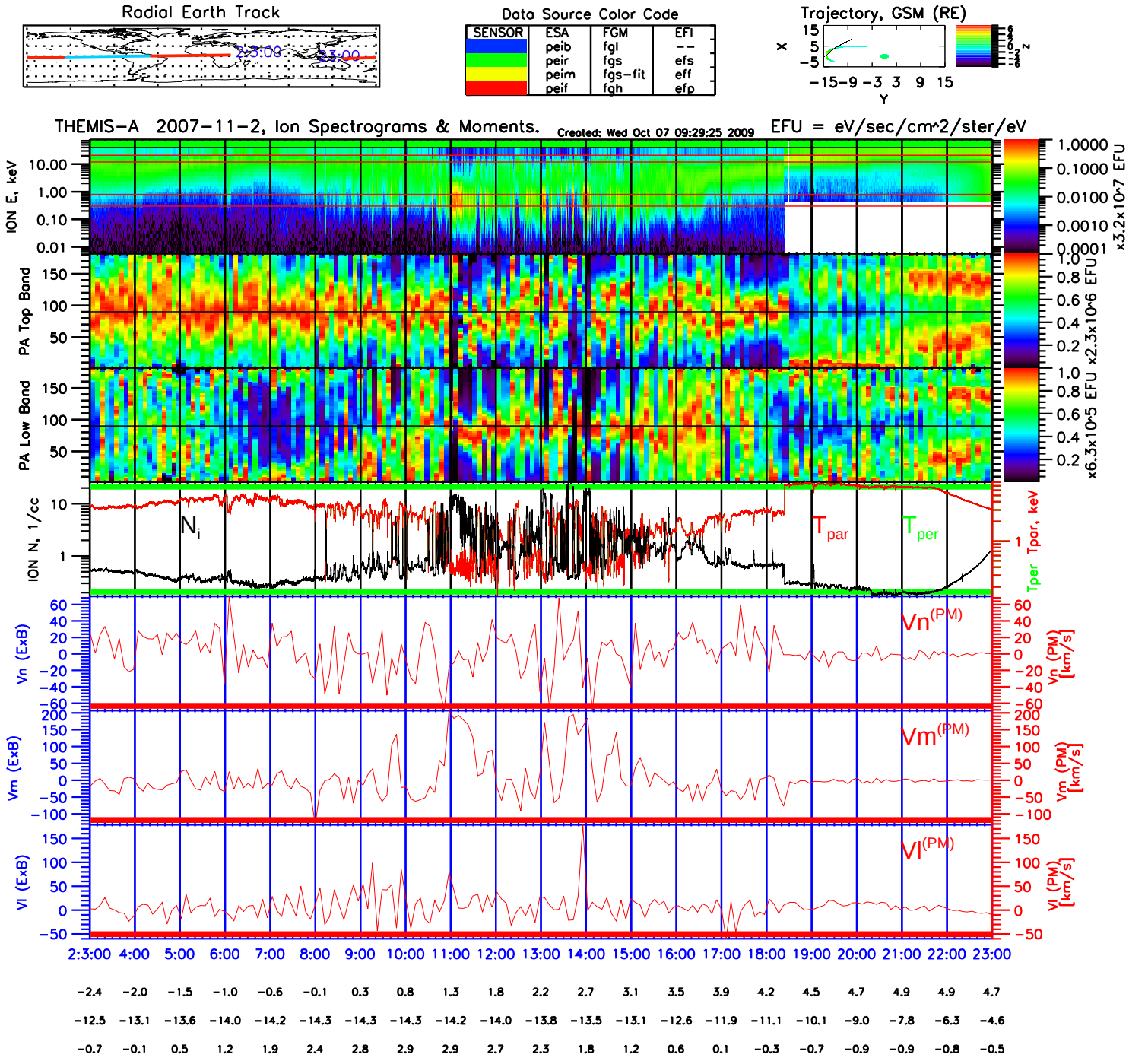
Radial Earth Track
2:3:00
23:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-11-2, Ion Spectrograms & Moments.
Created: Wed Oct 07 09:29:25 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x3.2x10^7 EFU
x2.3x10^6 EFU
x6.3x10^5 EFU
ION N, 1/cc
N_i
T_par
T_per
Tper Tpar, keV
Vn (ExB)
Vn^(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm^(PM)
Vm (PM) [km/s]
Vl (ExB)
Vl^(PM)
Vl (PM) [km/s]
2:3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00
-2.4 -2.0 -1.5 -1.0 -0.6 -0.1 0.3 0.8 1.3 1.8 2.2 2.7 3.1 3.5 3.9 4.2 4.5 4.7 4.9 4.9 4.7
-12.5 -13.1 -13.6 -14.0 -14.2 -14.3 -14.3 -14.3 -14.2 -14.0 -13.8 -13.5 -13.1 -12.6 -11.9 -11.1 -10.1 -9.0 -7.8 -6.3 -4.6
-0.7 -0.1 0.5 1.2 1.9 2.4 2.8 2.9 2.9 2.7 2.3 1.8 1.2 0.6 0.1 -0.3 -0.7 -0.9 -0.9 -0.8 -0.5