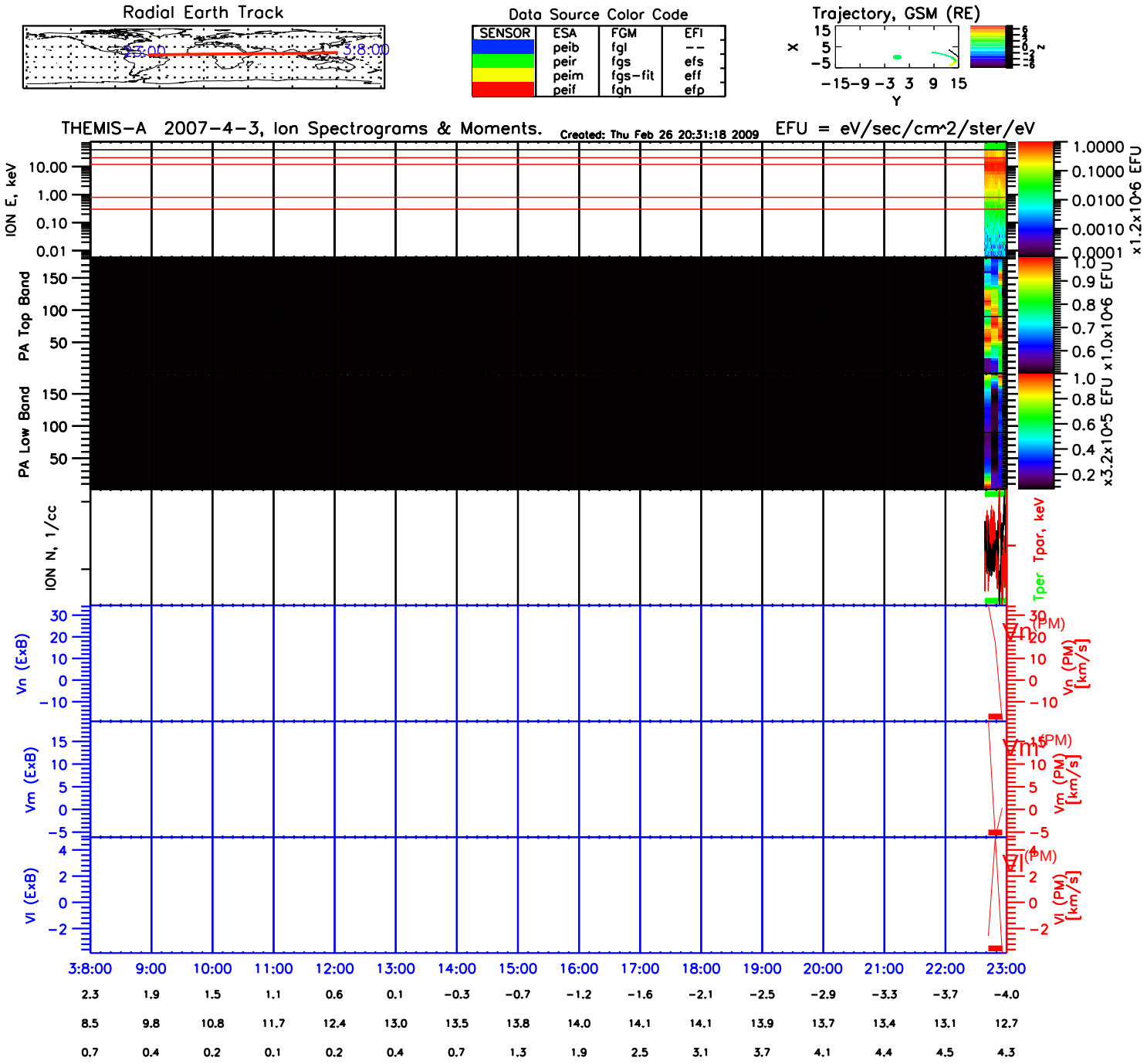
Radial Earth Track
23:00
3:8:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-4-3, Ion Spectrograms & Moments.
Created: Thu Feb 26 20:31:18 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
x1.2x10^6 EFU
x1.0x10^6 EFU
x3.2x10^5 EFU
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
3:8:00 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
2.3 1.9 1.5 1.1 0.6 0.1 -0.3 -0.7 -1.2 -1.6 -2.1 -2.5 -2.9 -3.3 -3.7 -4.0
8.5 9.8 10.8 11.7 12.4 13.0 13.5 13.8 14.0 14.1 14.1 13.9 13.7 13.4 13.1 12.7
0.7 0.4 0.2 0.1 0.2 0.4 0.7 1.3 1.9 2.5 3.1 3.7 4.1 4.4 4.5 4.3