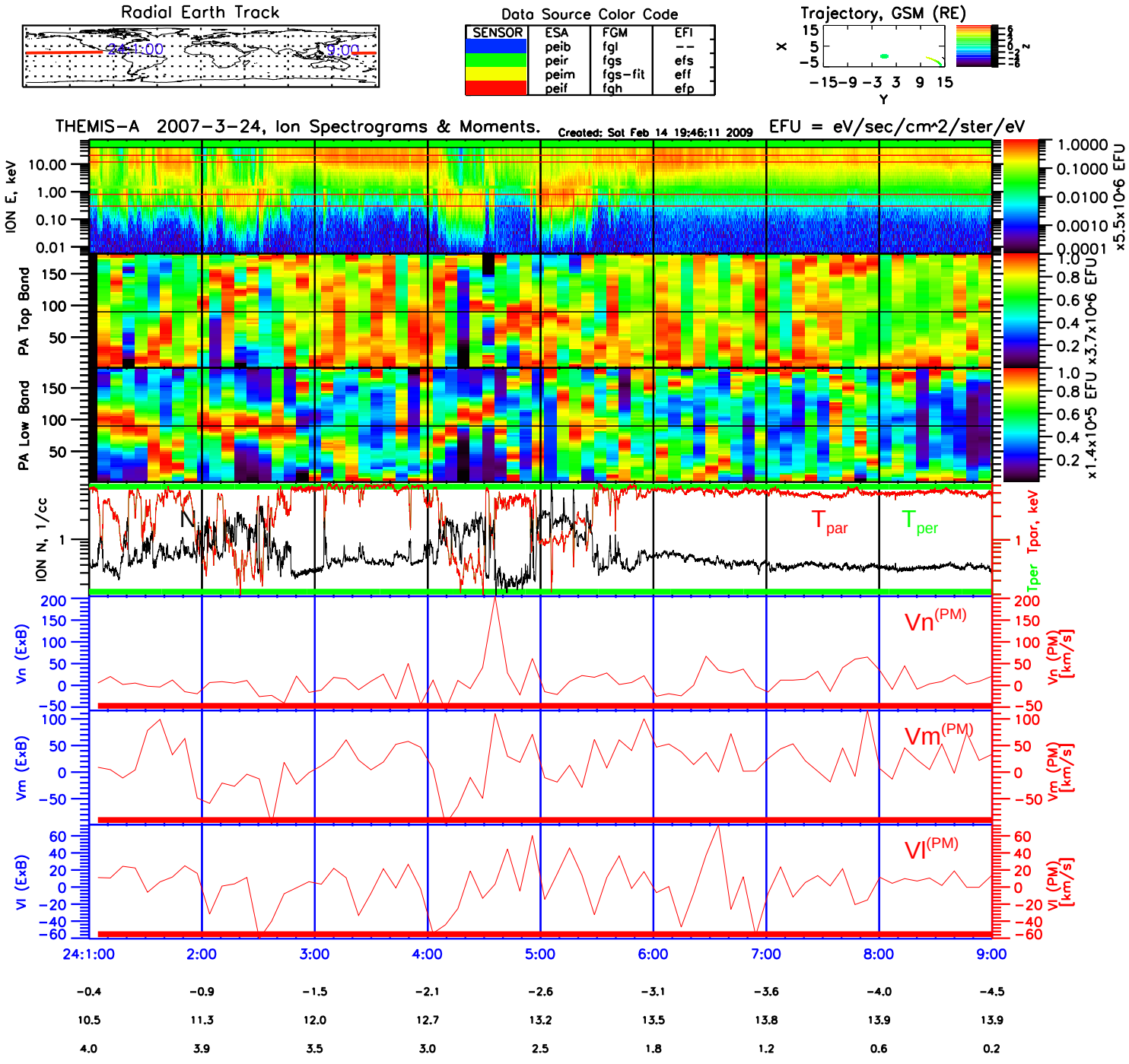
Radial Earth Track
24:1:00
9:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-3-24, Ion Spectrograms & Moments.
Created: Sat Feb 14 19:46:11 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x5.5x10^6 EFU
x3.7x10^6 EFU
x1.4x10^5 EFU
ION N, 1/cc
N
Tpar
Tper
Tpar, keV
Tper
Vn (ExB)
Vn(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm(PM)
Vm (PM) [km/s]
Vl (ExB)
Vl(PM)
Vl (PM) [km/s]
24:1:00
2:00
3:00
4:00
5:00
6:00
7:00
8:00
9:00
-0.4 -0.9 -1.5 -2.1 -2.6 -3.1 -3.6 -4.0 -4.5
10.5 11.3 12.0 12.7 13.2 13.5 13.8 13.9 13.9
4.0 3.9 3.5 3.0 2.5 1.8 1.2 0.6 0.2