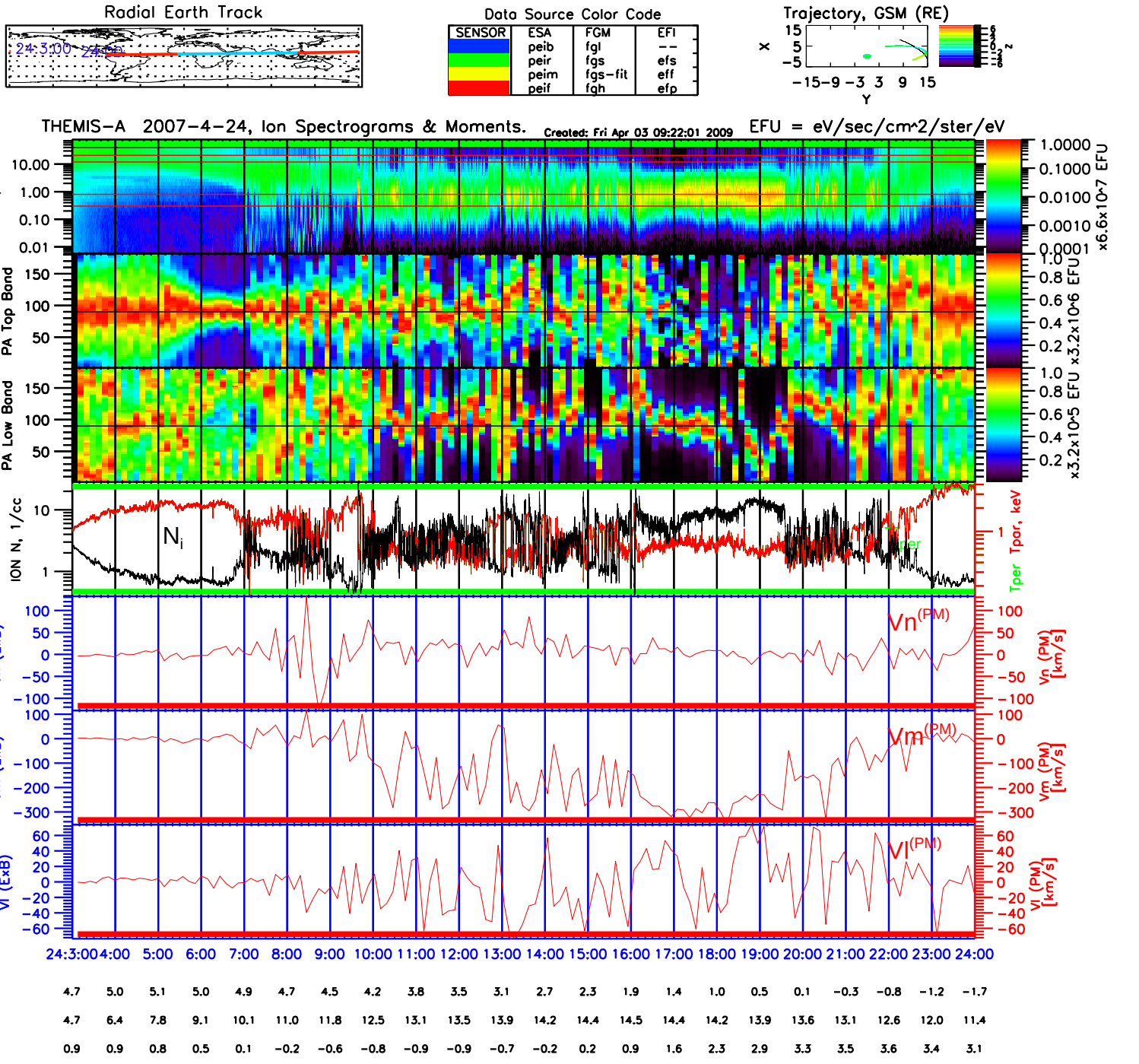
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-A 2007-4-24, Ion Spectrograms & Moments.
Created: Fri Apr 03 09:22:01 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x6.6x10^7 EFU
x3.2x10^6 EFU
x3.2x10^5 EFU
24:3:00 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 24:00
4.7 5.0 5.1 5.0 4.9 4.7 4.5 4.2 3.8 3.5 3.1 2.7 2.3 1.9 1.4 1.0 0.5 0.1 -0.3 -0.8 -1.2 -1.7
4.7 6.4 7.8 9.1 10.1 11.0 11.8 12.5 13.1 13.5 13.9 14.2 14.4 14.5 14.4 14.2 13.9 13.6 13.1 12.6 12.0 11.4
0.9 0.9 0.8 0.5 0.1 -0.2 -0.6 -0.8 -0.9 -0.9 -0.7 -0.2 0.2 0.9 1.6 2.3 2.9 3.3 3.5 3.6 3.4 3.1