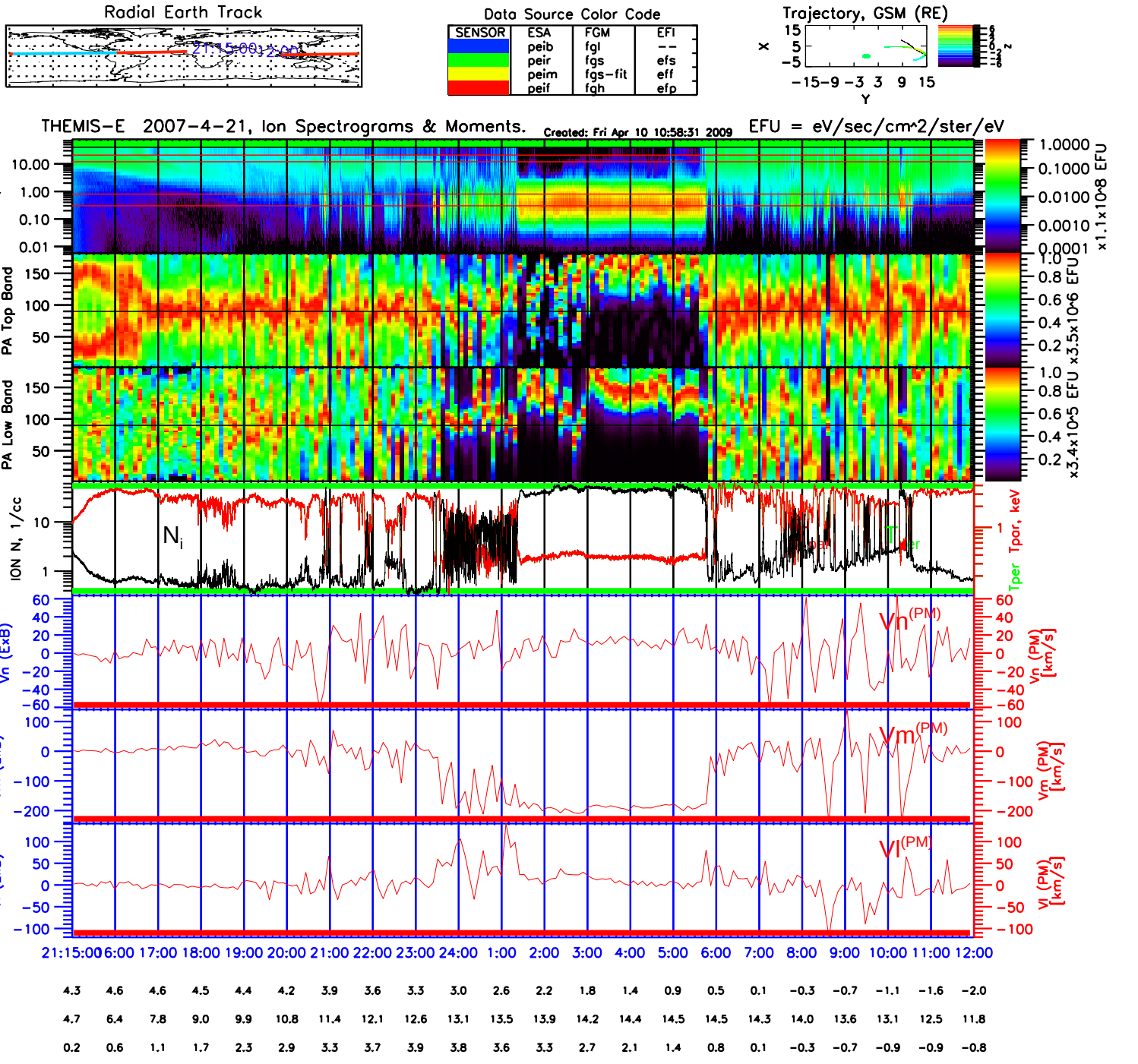

Radial Earth Track
21:15:00 12:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
THEMIS-E 2007-4-21, Ion Spectrograms & Moments.
Created: Fri Apr 10 10:58:31 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.1x10^8 EFU
x3.5x10^6 EFU
x3.4x10^5 EFU
ION N, 1/cc
Ni
Tpar
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]
21:15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00
4.3 4.6 4.6 4.5 4.4 4.2 3.9 3.6 3.3 3.0 2.6 2.2 1.8 1.4 0.9 0.5 0.1 -0.3 -0.7 -1.1 -1.6 -2.0
4.7 6.4 7.8 9.0 9.9 10.8 11.4 12.1 12.6 13.1 13.5 13.9 14.2 14.4 14.5 14.5 14.3 14.0 13.6 13.1 12.5 11.8
0.2 0.6 1.1 1.7 2.3 2.9 3.3 3.7 3.9 3.8 3.6 3.3 2.7 2.1 1.4 0.8 0.1 -0.3 -0.7 -0.9 -0.9 -0.8