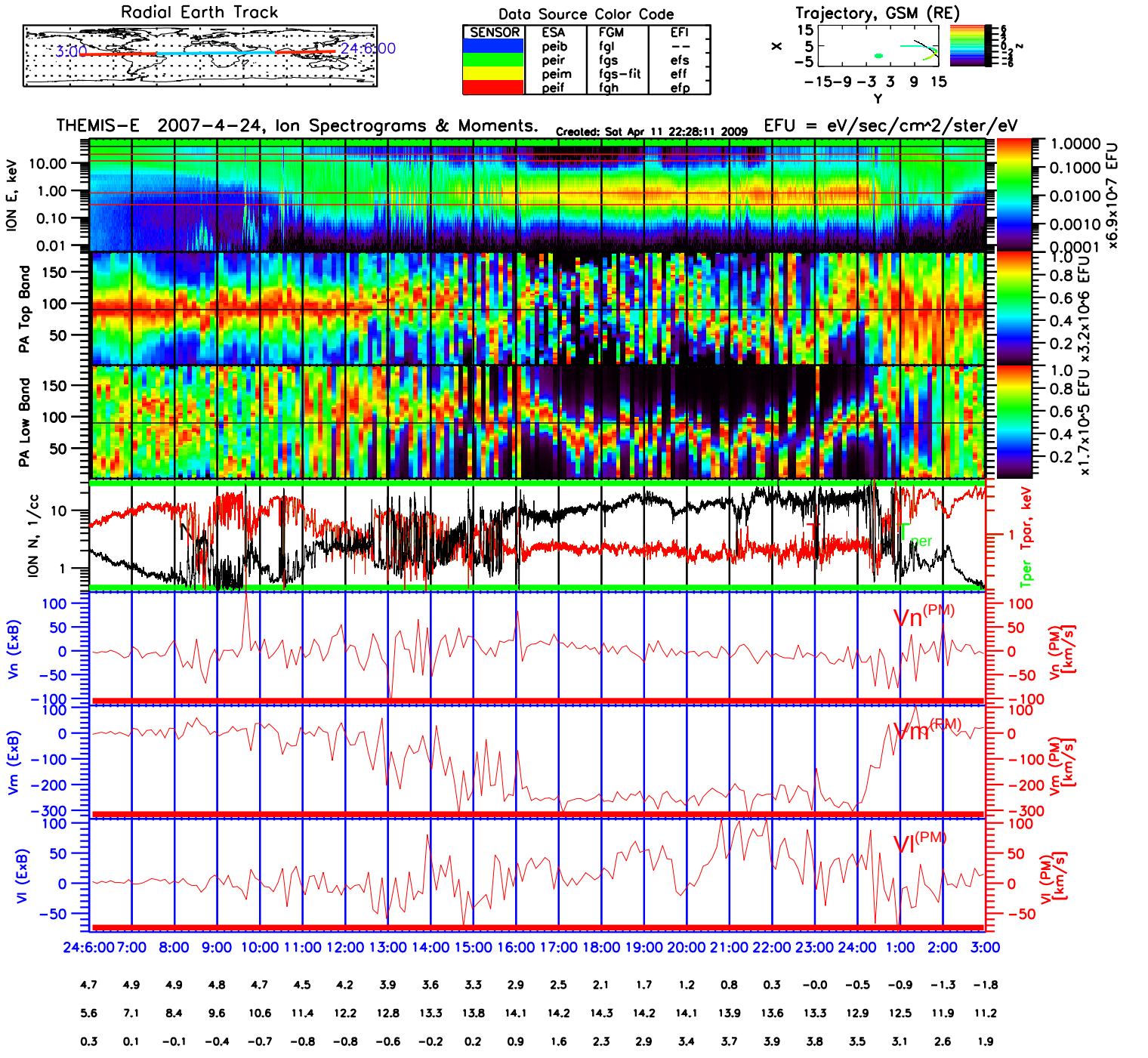
Radial Earth Track
3:00
24:6:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-4-24, Ion Spectrograms & Moments.
Created: Sat Apr 11 22:28:11 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N
T
Tper
Tpar, keV
Vn (ExB)
Vn (PM) [km/s]
Vn(PM)
Vm (ExB)
Vm (PM) [km/s]
Vm(PM)
Vl (ExB)
Vl (PM) [km/s]
Vl(PM)
x6.9x10^7 EFU
x3.2x10^6 EFU
x1.7x10^5 EFU
24:6:00 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 1:00 2:00 3:00
4.7 4.9 4.9 4.8 4.7 4.5 4.2 3.9 3.6 3.3 2.9 2.5 2.1 1.7 1.2 0.8 0.3 -0.0 -0.5 -0.9 -1.3 -1.8
5.6 7.1 8.4 9.6 10.6 11.4 12.2 12.8 13.3 13.8 14.1 14.2 14.3 14.2 14.1 13.9 13.6 13.3 12.9 12.5 11.9 11.2
0.3 0.1 -0.1 -0.4 -0.7 -0.8 -0.8 -0.6 -0.2 0.2 0.9 1.6 2.3 2.9 3.4 3.7 3.9 3.8 3.5 3.1 2.6 1.9