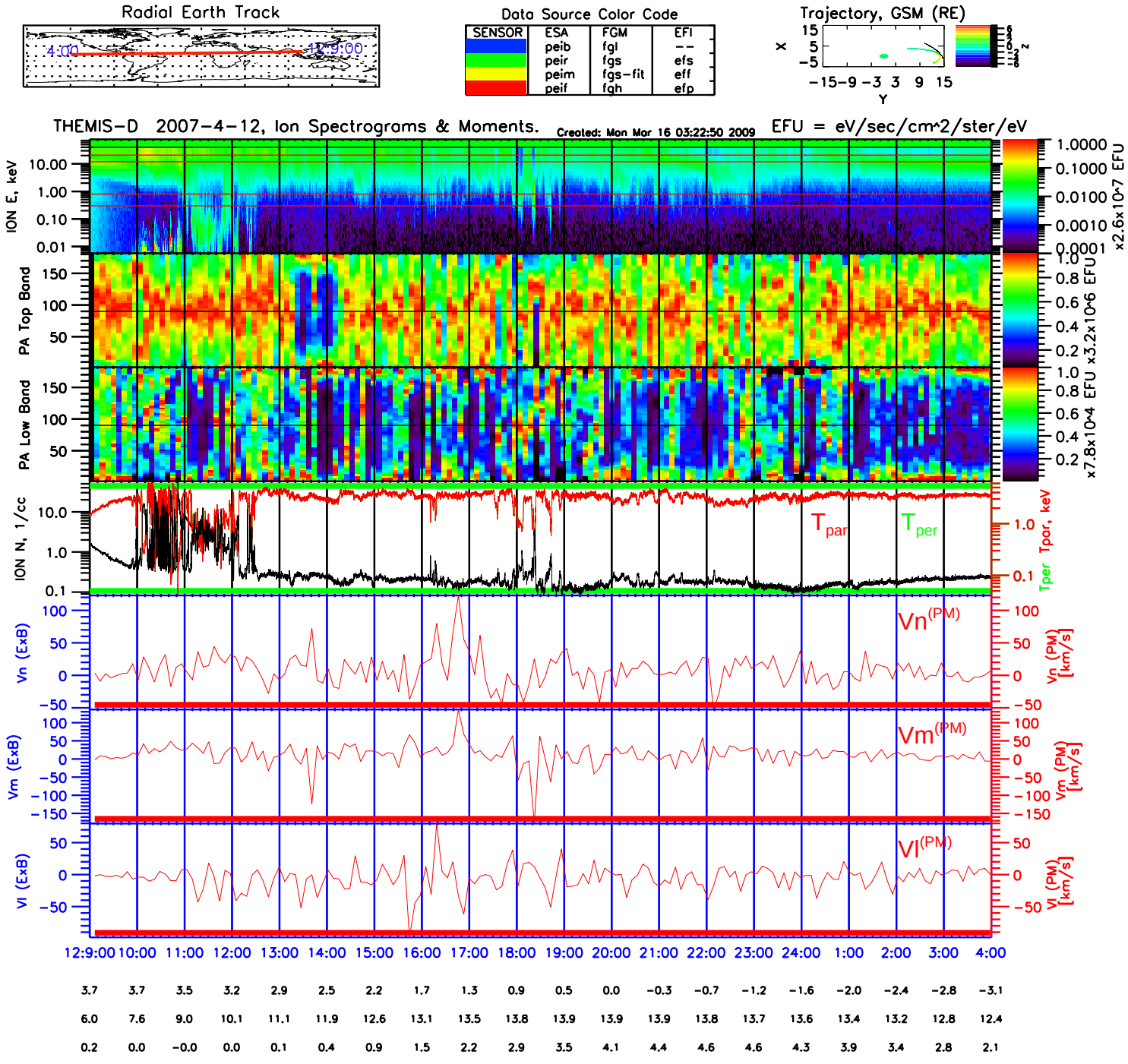
Radial Earth Track
4:00
12:9:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-4-12, Ion Spectrograms & Moments.
Created: Mon Mar 16 03:22:50 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
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]
x2.6x10^7 EFU
x3.2x10^6 EFU
x7.8x10^4 EFU
12:9:00 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 4:00
3.7 3.7 3.5 3.2 2.9 2.5 2.2 1.7 1.3 0.9 0.5 0.0 -0.3 -0.7 -1.2 -1.6 -2.0 -2.4 -2.8 -3.1
6.0 7.6 9.0 10.1 11.1 11.9 12.6 13.1 13.5 13.8 13.9 13.9 13.9 13.8 13.7 13.6 13.4 13.2 12.8 12.4
0.2 0.0 -0.0 0.0 0.1 0.4 0.9 1.5 2.2 2.9 3.5 4.1 4.4 4.6 4.6 4.3 3.9 3.4 2.8 2.1