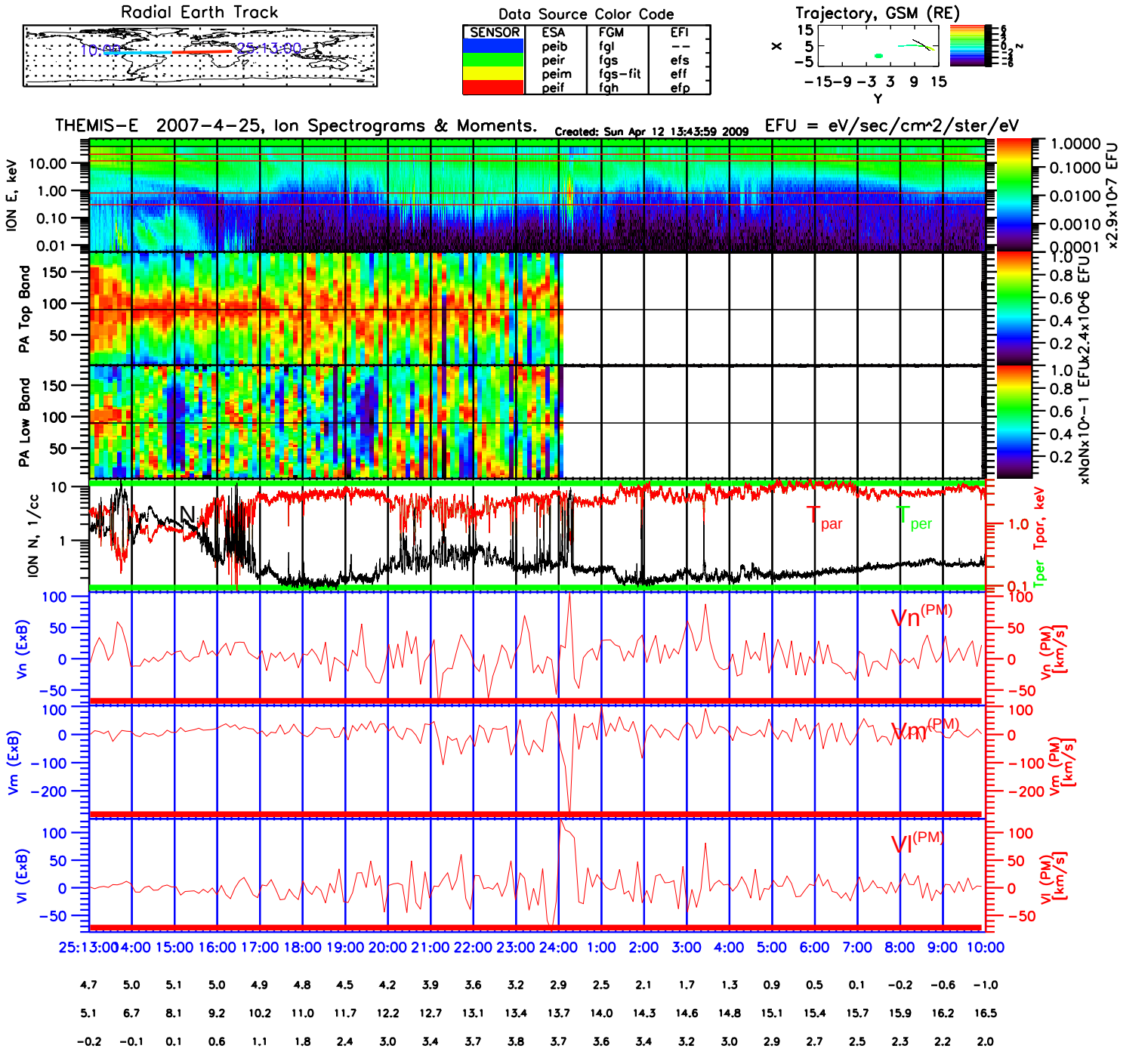
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-E 2007-4-25, Ion Spectrograms & Moments.
Created: Sun Apr 12 13:43:59 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
25:13:00 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 5:00 6:00 7:00 8:00 9:00 10:00
4.7 5.0 5.1 5.0 4.9 4.8 4.5 4.2 3.9 3.6 3.2 2.9 2.5 2.1 1.7 1.3 0.9 0.5 0.1 -0.2 -0.6 -1.0
5.1 6.7 8.1 9.2 10.2 11.0 11.7 12.2 12.7 13.1 13.4 13.7 14.0 14.3 14.6 14.8 15.1 15.4 15.7 15.9 16.2 16.5
-0.2 -0.1 0.1 0.6 1.1 1.8 2.4 3.0 3.4 3.7 3.8 3.7 3.6 3.4 3.2 3.0 2.9 2.7 2.5 2.3 2.2 2.0