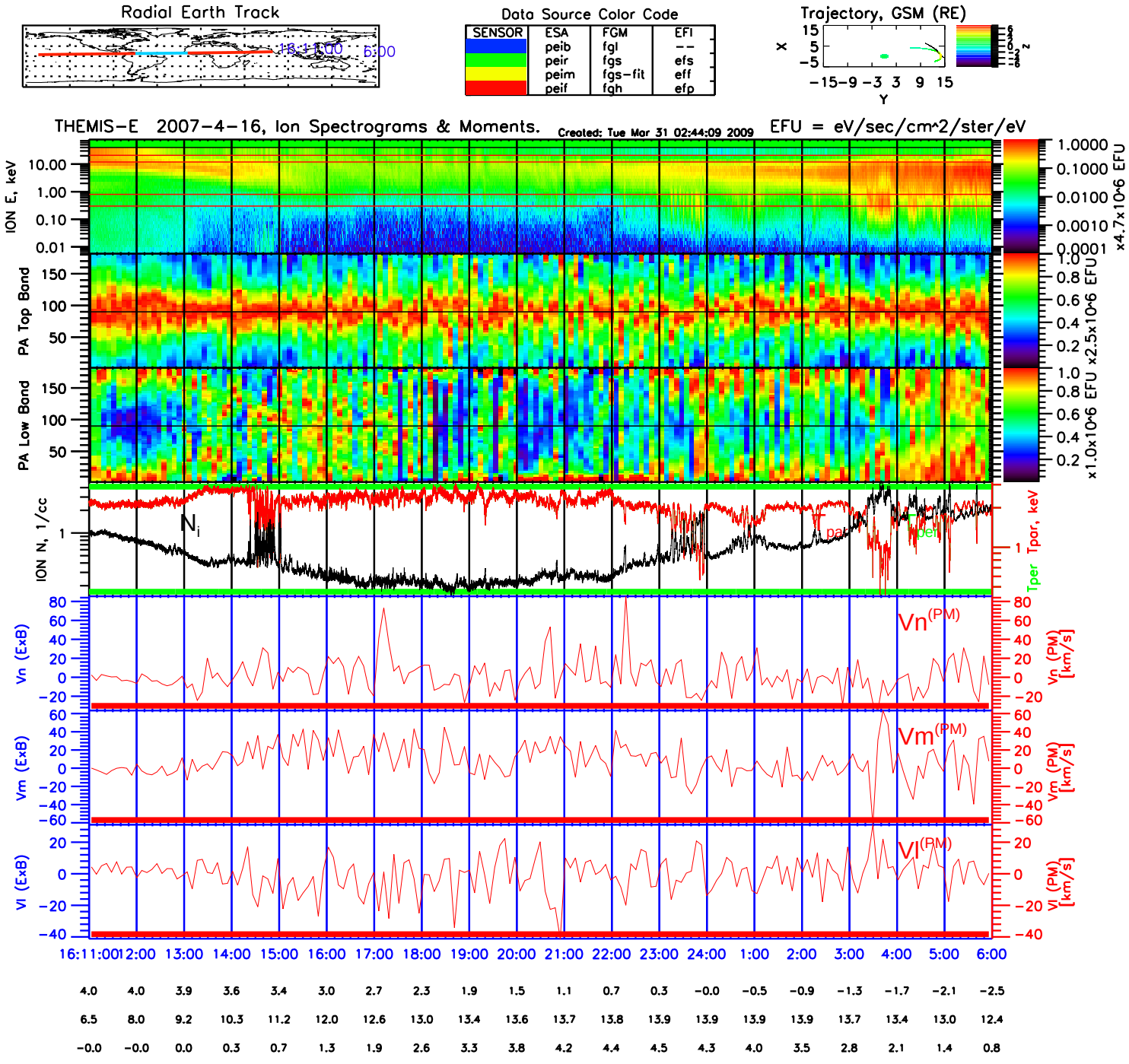
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-E 2007-4-16, Ion Spectrograms & Moments.
Created: Tue Mar 31 02:44:09 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x4.7x10^6 EFU
x2.5x10^6 EFU
x1.0x10^6 EFU
16:11:00 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 5:00 6:00
4.0 4.0 3.9 3.6 3.4 3.0 2.7 2.3 1.9 1.5 1.1 0.7 0.3 -0.0 -0.5 -0.9 -1.3 -1.7 -2.1 -2.5
6.5 8.0 9.2 10.3 11.2 12.0 12.6 13.0 13.4 13.6 13.7 13.8 13.9 13.9 13.9 13.9 13.7 13.4 13.0 12.4
-0.0 -0.0 0.0 0.3 0.7 1.3 1.9 2.6 3.3 3.8 4.2 4.4 4.5 4.3 4.0 3.5 2.8 2.1 1.4 0.8