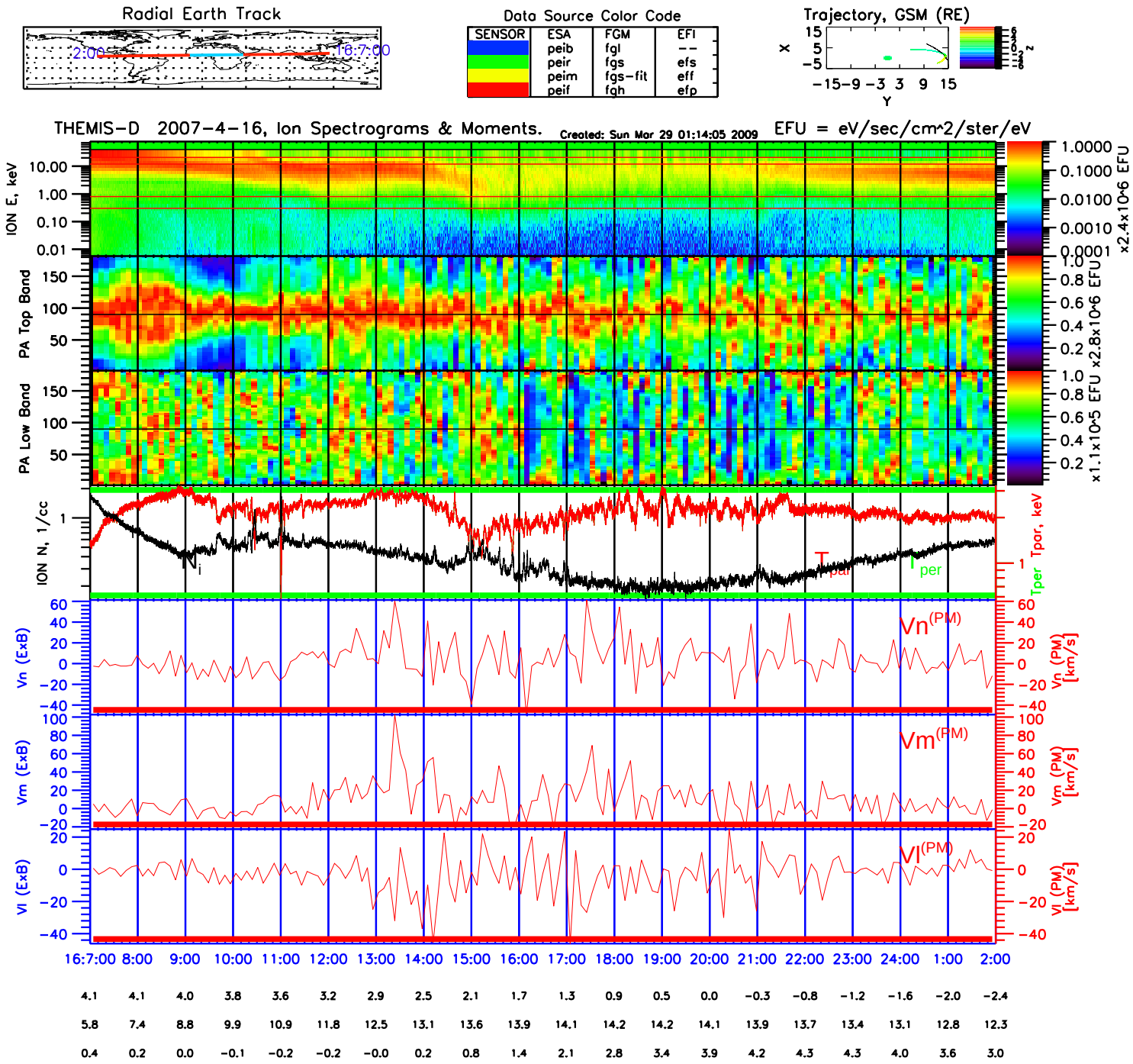
Radial Earth Track
2:00
16:7:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-4-16, Ion Spectrograms & Moments.
Created: Sun Mar 29 01:14:05 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x2.4x10^6 EFU
x2.8x10^6 EFU
x1.1x10^5 EFU
ION N, 1/cc
Tpar, keV
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Vn(PM)
Vm(PM)
Vl(PM)
16:7:00 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
4.1 4.1 4.0 3.8 3.6 3.2 2.9 2.5 2.1 1.7 1.3 0.9 0.5 0.0 -0.3 -0.8 -1.2 -1.6 -2.0 -2.4
5.8 7.4 8.8 9.9 10.9 11.8 12.5 13.1 13.6 13.9 14.1 14.2 14.2 14.1 13.9 13.7 13.4 13.1 12.8 12.3
0.4 0.2 0.0 -0.1 -0.2 -0.2 -0.0 0.2 0.8 1.4 2.1 2.8 3.4 3.9 4.2 4.3 4.3 4.0 3.6 3.0