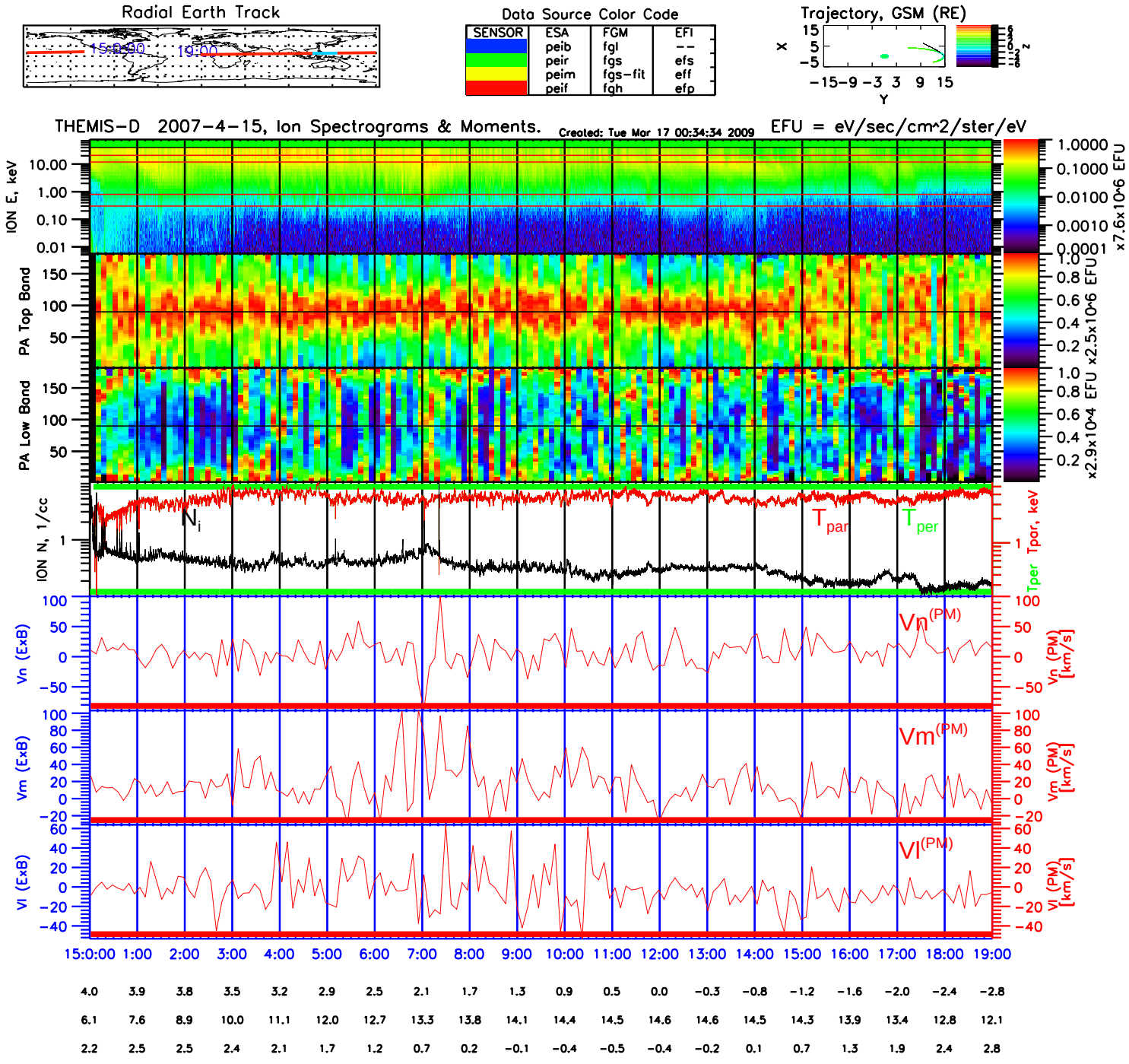
Radial Earth Track
15:00:00
19:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-4-15, Ion Spectrograms & Moments.
Created: Tue Mar 17 00:34:34 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N_i
T_par
T_per
Tpar, keV
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]
x7.6x10^6 EFU
x2.5x10^6 EFU
x2.9x10^4 EFU
15:0:00 1:00 2:00 3:00 4:00 5:00 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
4.0 3.9 3.8 3.5 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 -2.8
6.1 7.6 8.9 10.0 11.1 12.0 12.7 13.3 13.8 14.1 14.4 14.5 14.6 14.6 14.5 14.3 13.9 13.4 12.8 12.1
2.2 2.5 2.5 2.4 2.1 1.7 1.2 0.7 0.2 -0.1 -0.4 -0.5 -0.4 -0.2 0.1 0.7 1.3 1.9 2.4 2.8