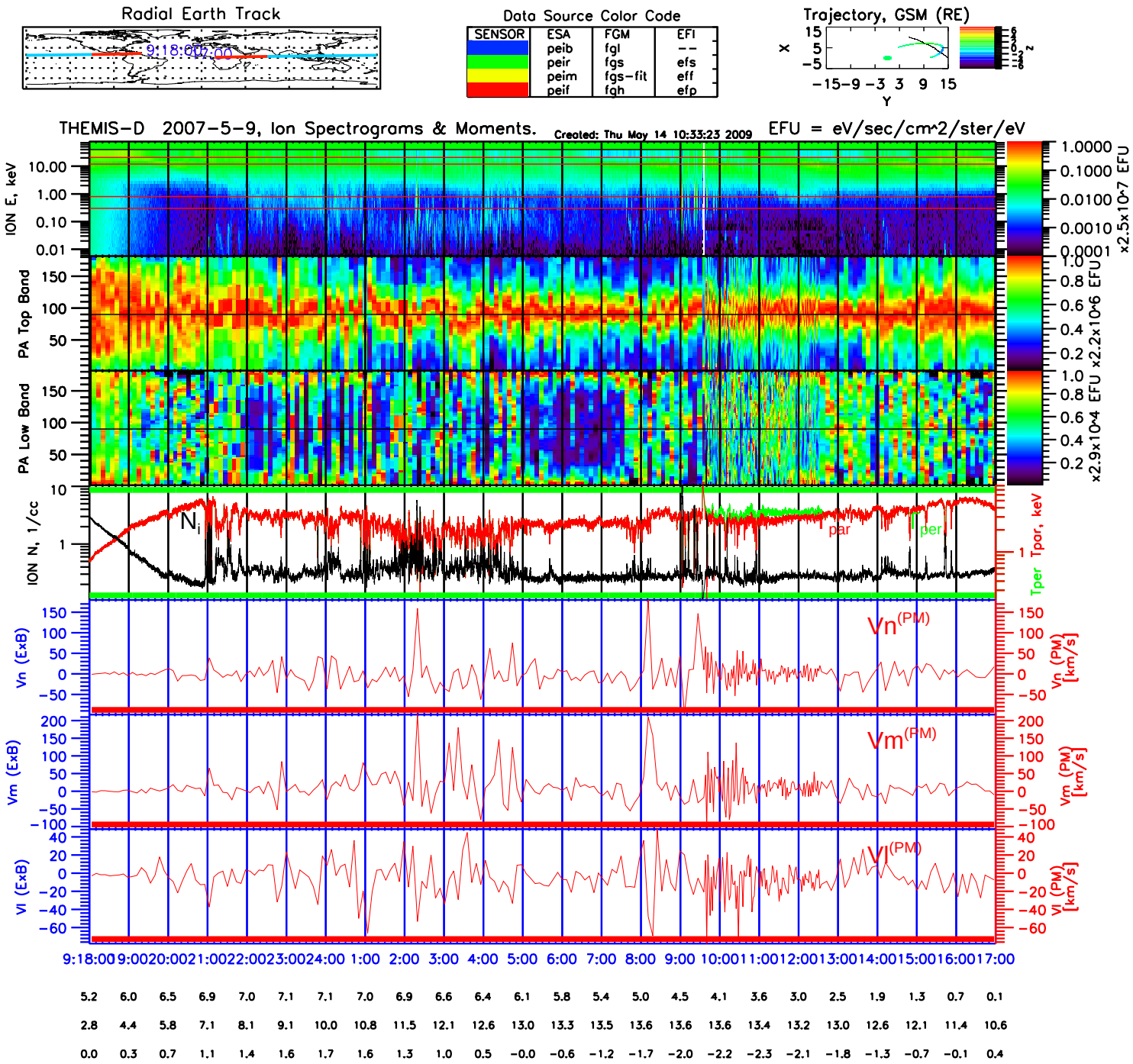
Radial Earth Track
9:18:00.00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-5-9, Ion Spectrograms & Moments.
Created: Thu May 14 10:33:23 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar, keV
Tper
par
per
Vn (ExB)
Vn (PM) [km/s]
Vn(PM)
Vm (ExB)
Vm (PM) [km/s]
Vm(PM)
Vl (ExB)
Vl (PM) [km/s]
Vl(PM)
x2.5x10^7 EFU
x2.2x10^6 EFU
x2.9x10^4 EFU
9:18:00 9:00 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 11:00 12:00 13:00 14:00 15:00 16:00 17:00
5.2 6.0 6.5 6.9 7.0 7.1 7.1 7.0 6.9 6.6 6.4 6.1 5.8 5.4 5.0 4.5 4.1 3.6 3.0 2.5 1.9 1.3 0.7 0.1
2.8 4.4 5.8 7.1 8.1 9.1 10.0 10.8 11.5 12.1 12.6 13.0 13.3 13.5 13.6 13.6 13.6 13.4 13.2 13.0 12.6 12.1 11.4 10.6
0.0 0.3 0.7 1.1 1.4 1.6 1.7 1.6 1.3 1.0 0.5 -0.0 -0.6 -1.2 -1.7 -2.0 -2.2 -2.3 -2.1 -1.8 -1.3 -0.7 -0.1 0.4