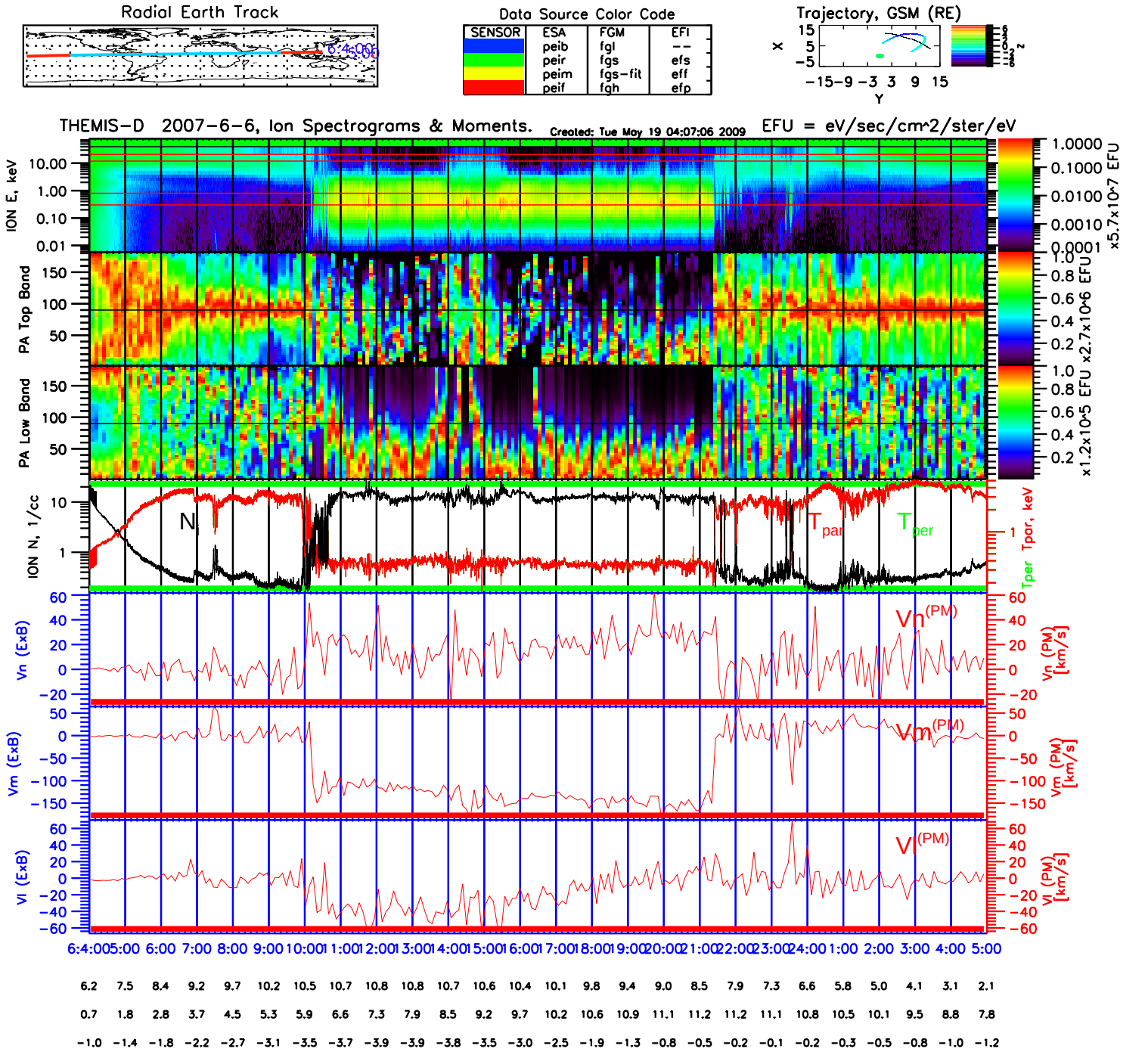
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-D 2007-6-6, Ion Spectrograms & Moments.
Created: Tue May 19 04:07:06 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x5.7x10^7 EFU
x2.7x10^6 EFU
x1.2x10^5 EFU
6:4:00 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 20:00 21:00 22:00 23:00 24:00 1:00 2:00 3:00 4:00 5:00
6.2 7.5 8.4 9.2 9.7 10.2 10.5 10.7 10.8 10.8 10.7 10.6 10.4 10.1 9.8 9.4 9.0 8.5 7.9 7.3 6.6 5.8 5.0 4.1 3.1 2.1
0.7 1.8 2.8 3.7 4.5 5.3 5.9 6.6 7.3 7.9 8.5 9.2 9.7 10.2 10.6 10.9 11.1 11.2 11.2 11.1 10.8 10.5 10.1 9.5 8.8 7.8
-1.0 -1.4 -1.8 -2.2 -2.7 -3.1 -3.5 -3.7 -3.9 -3.9 -3.8 -3.5 -3.0 -2.5 -1.9 -1.3 -0.8 -0.5 -0.2 -0.1 -0.2 -0.3 -0.5 -0.8 -1.0 -1.2