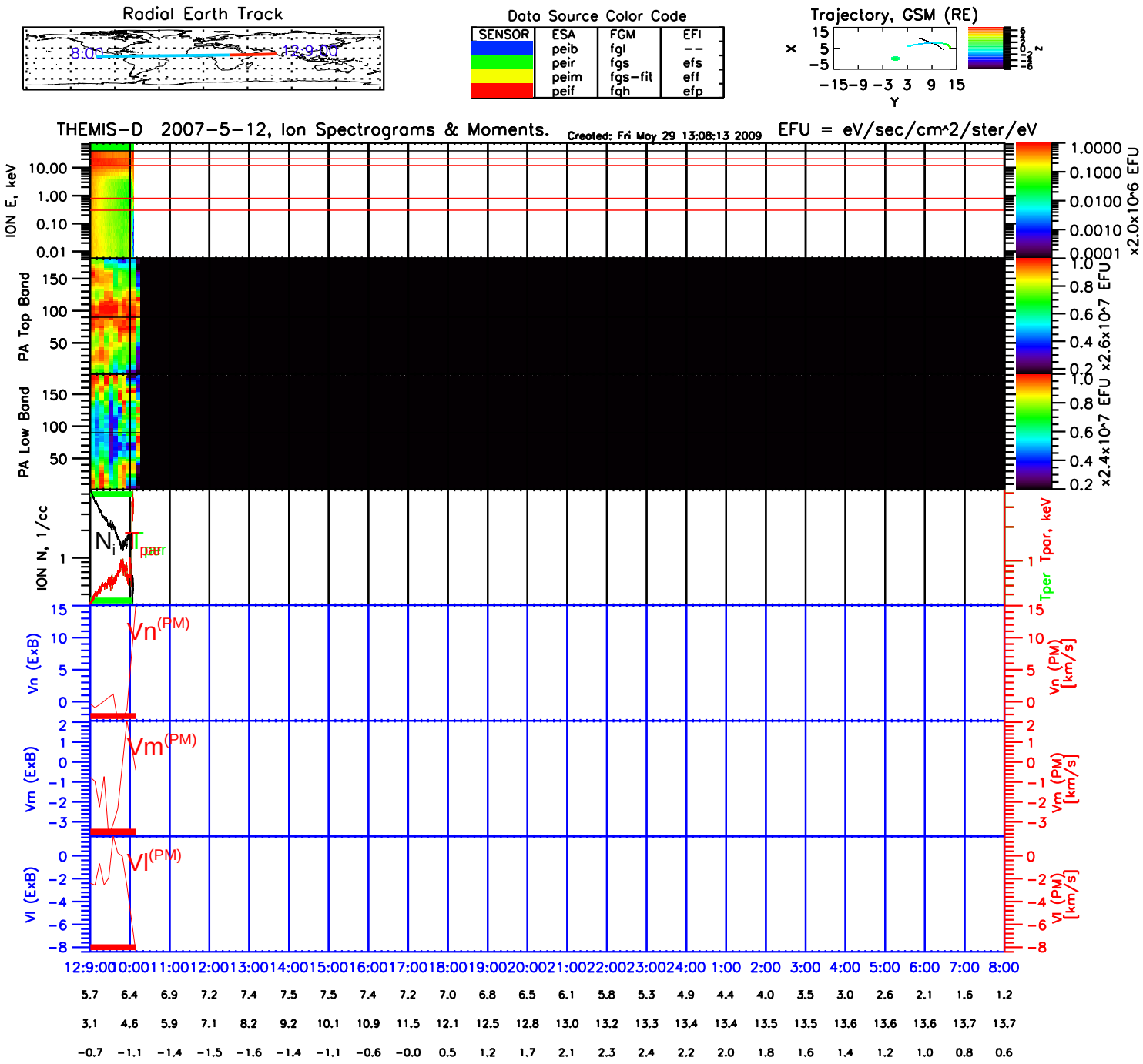
Radial Earth Track
8:00
13:9:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-5-12, Ion Spectrograms & Moments.
Created: Fri May 29 13:08:13 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x2.0x10^6 EFU
x2.6x10^7 EFU
x2.4x10^7 EFU
12:9:00 0:00 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 6:00 7:00 8:00
5.7 6.4 6.9 7.2 7.4 7.5 7.5 7.4 7.2 7.0 6.8 6.5 6.1 5.8 5.3 4.9 4.4 4.0 3.5 3.0 2.6 2.1 1.6 1.2
3.1 4.6 5.9 7.1 8.2 9.2 10.1 10.9 11.5 12.1 12.5 12.8 13.0 13.2 13.3 13.4 13.4 13.5 13.5 13.6 13.6 13.6 13.7 13.7
-0.7 -1.1 -1.4 -1.5 -1.6 -1.4 -1.1 -0.6 -0.0 0.5 1.2 1.7 2.1 2.3 2.4 2.2 2.0 1.8 1.6 1.4 1.2 1.0 0.8 0.6