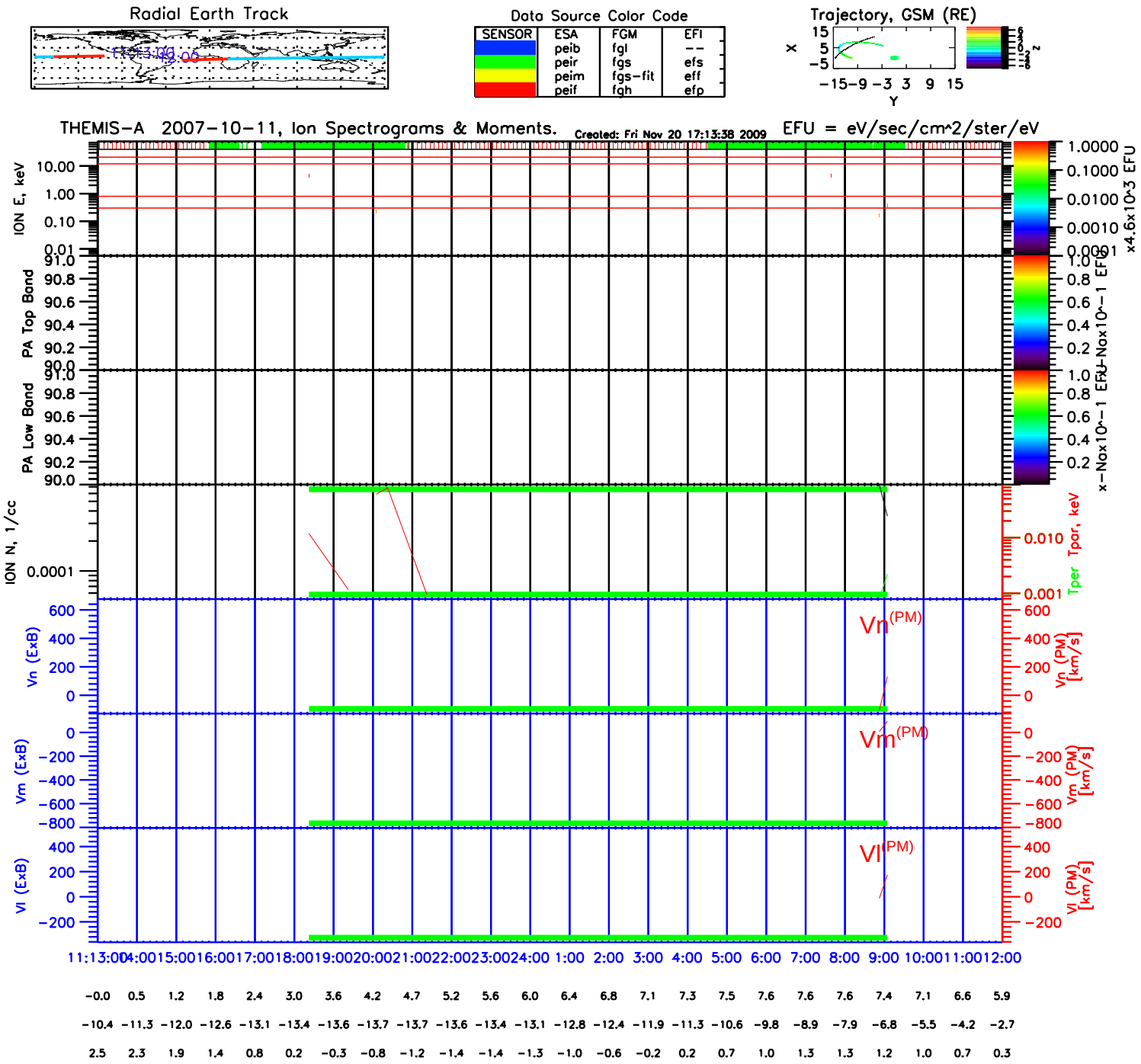
Radial Earth Track
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-A 2007-10-11, Ion Spectrograms & Moments.
Created: Fri Nov 20 17:13:38 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Vn(PM)
Vm(PM)
Vl(PM)
x4.6x10^3 EFU
x-Nax10^-1 EFU
11:13:00 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 9:00 10:00 11:00 12:00
-0.0 0.5 1.2 1.8 2.4 3.0 3.6 4.2 4.7 5.2 5.6 6.0 6.4 6.8 7.1 7.3 7.5 7.6 7.6 7.6 7.4 7.1 6.6 5.9
-10.4 -11.3 -12.0 -12.6 -13.1 -13.4 -13.6 -13.7 -13.7 -13.6 -13.4 -13.1 -12.8 -12.4 -11.9 -11.3 -10.6 -9.8 -8.9 -7.9 -6.8 -5.5 -4.2 -2.7
2.5 2.3 1.9 1.4 0.8 0.2 -0.3 -0.8 -1.2 -1.4 -1.4 -1.3 -1.0 -0.6 -0.2 0.2 0.7 1.0 1.3 1.3 1.2 1.0 0.7 0.3