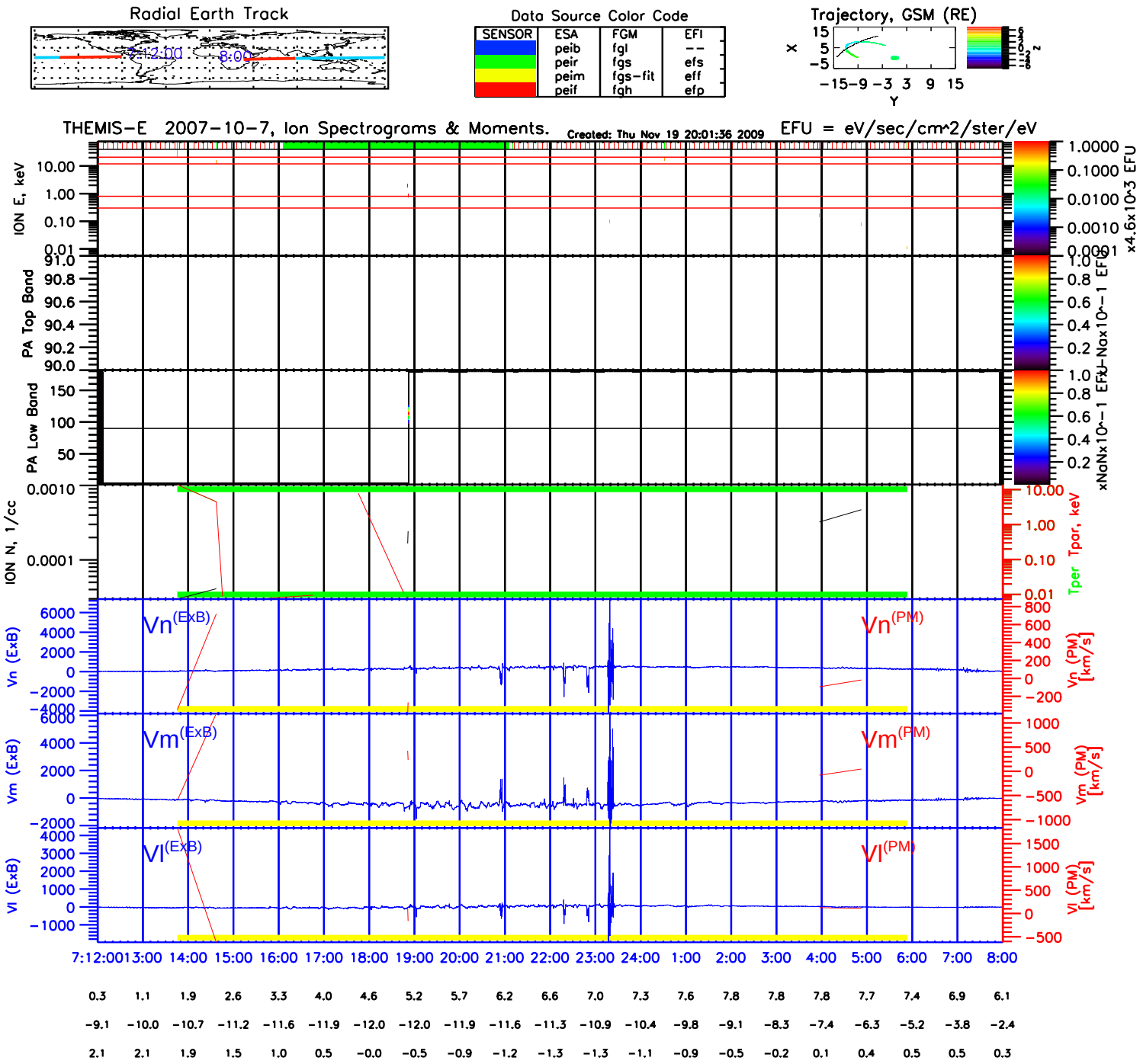
Radial Earth Track
7:12:00
8:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-10-7, Ion Spectrograms & Moments.
Created: Thu Nov 19 20:01:36 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
x4.6x10^3 EFU
xNaNx10^-1 EFU
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Vn(ExB)
Vn(PM)
Vm(ExB)
Vm(PM)
Vl(ExB)
Vl(PM)
7:12:00 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
0.3 1.1 1.9 2.6 3.3 4.0 4.6 5.2 5.7 6.2 6.6 7.0 7.3 7.6 7.8 7.8 7.8 7.7 7.4 6.9 6.1
-9.1 -10.0 -10.7 -11.2 -11.6 -11.9 -12.0 -12.0 -11.9 -11.6 -11.3 -10.9 -10.4 -9.8 -9.1 -8.3 -7.4 -6.3 -5.2 -3.8 -2.4
2.1 2.1 1.9 1.5 1.0 0.5 -0.0 -0.5 -0.9 -1.2 -1.3 -1.3 -1.1 -0.9 -0.5 -0.2 0.1 0.4 0.5 0.5 0.3