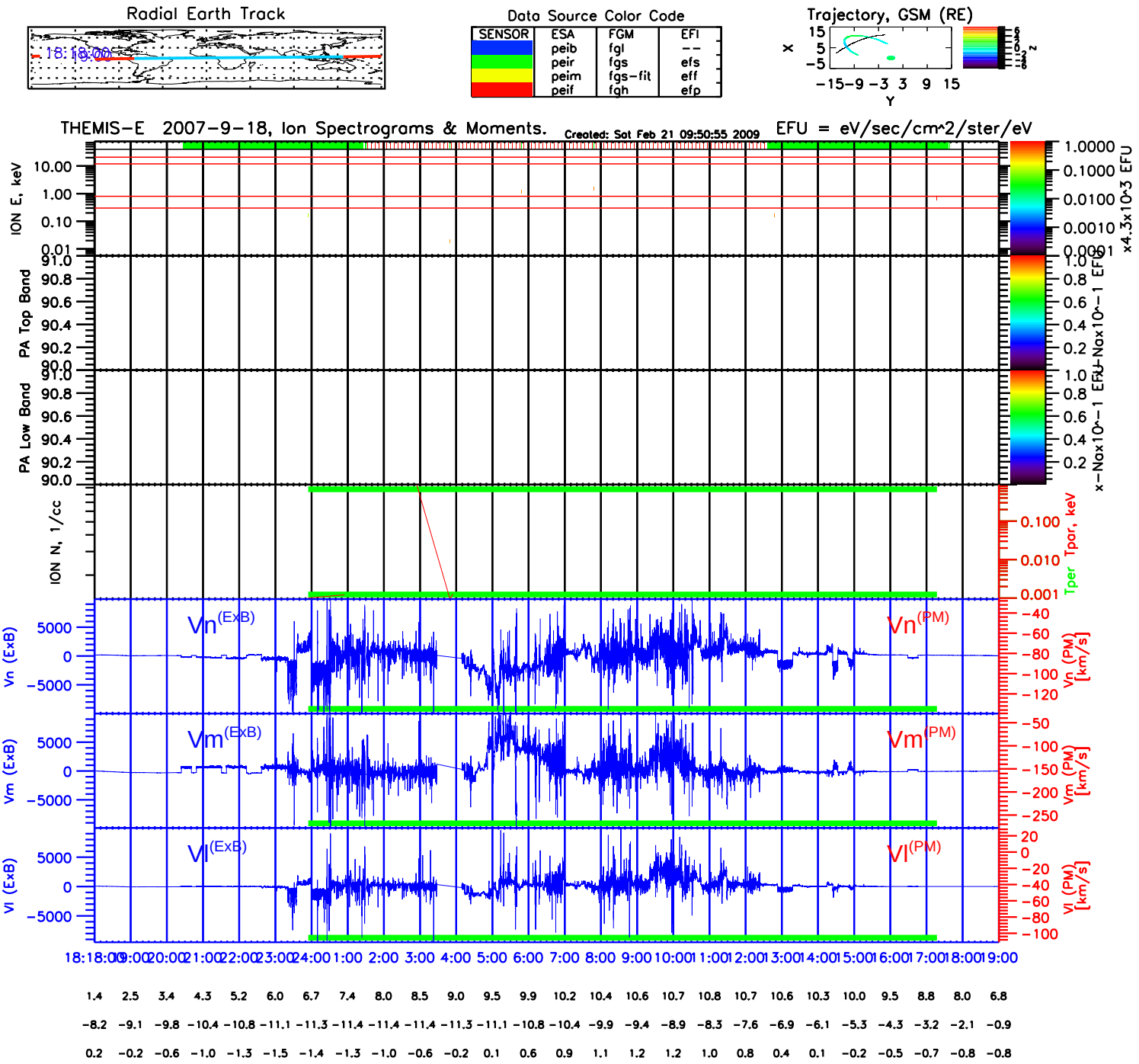
Radial Earth Track
18:18:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-9-18, Ion Spectrograms & Moments.
Created: Sat Feb 21 09:50:55 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
x-Nax10^-1 EFU
x4.3x10^3 EFU
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(ExB)
Vm(ExB)
Vl(ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
18:18:00 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 13:00 14:00 15:00 16:00 17:00 18:00 19:00
1.4 2.5 3.4 4.3 5.2 6.0 6.7 7.4 8.0 8.5 9.0 9.5 9.9 10.2 10.4 10.6 10.7 10.8 10.7 10.6 10.3 10.0 9.5 8.8 8.0 6.8
-8.2 -9.1 -9.8 -10.4 -10.8 -11.1 -11.3 -11.4 -11.4 -11.4 -11.3 -11.1 -10.8 -10.4 -9.9 -9.4 -8.9 -8.3 -7.6 -6.9 -6.1 -5.3 -4.3 -3.2 -2.1 -0.9
0.2 -0.2 -0.6 -1.0 -1.3 -1.5 -1.4 -1.3 -1.0 -0.6 -0.2 0.1 0.6 0.9 1.1 1.2 1.2 1.0 0.8 0.4 0.1 -0.2 -0.5 -0.7 -0.8 -0.8