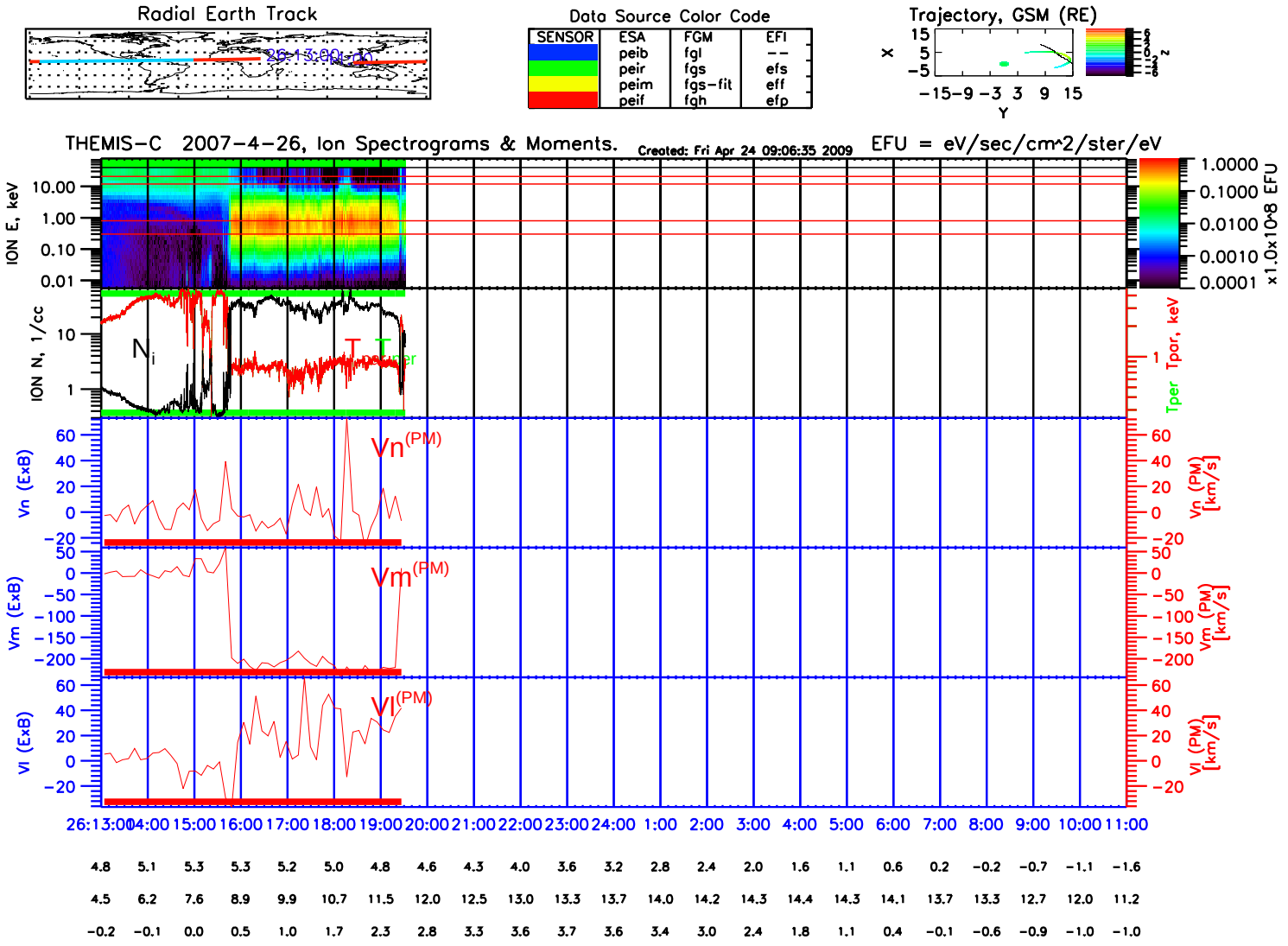
Radial Earth Track
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-C 2007-4-26, Ion Spectrograms & Moments.
Created: Fri Apr 24 09:06:35 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
ION N, 1/cc
Ni
Tper
Tpar
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Tper Tpar, keV
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x1.0x10^8 EFU
26:13:00 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
4.8 5.1 5.3 5.3 5.2 5.0 4.8 4.6 4.3 4.0 3.6 3.2 2.8 2.4 2.0 1.6 1.1 0.6 0.2 -0.2 -0.7 -1.1 -1.6
4.5 6.2 7.6 8.9 9.9 10.7 11.5 12.0 12.5 13.0 13.3 13.7 14.0 14.2 14.3 14.4 14.3 14.1 13.7 13.3 12.7 12.0 11.2
-0.2 -0.1 0.0 0.5 1.0 1.7 2.3 2.8 3.3 3.6 3.7 3.6 3.4 3.0 2.4 1.8 1.1 0.4 -0.1 -0.6 -0.9 -1.0 -1.0