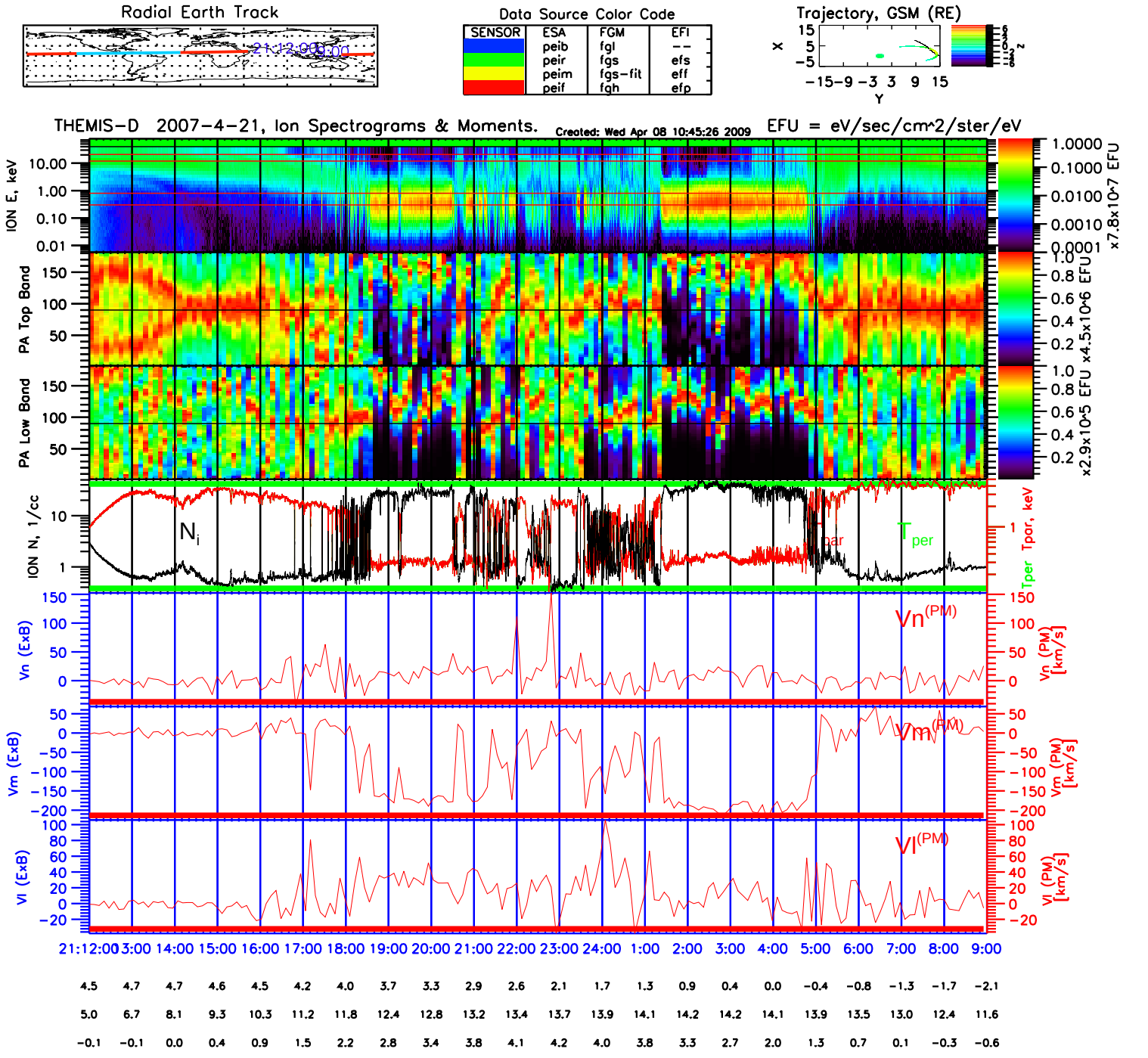
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-D 2007-4-21, Ion Spectrograms & Moments.
Created: Wed Apr 08 10:45:26 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
21:12:00 3:00 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
4.5 4.7 4.7 4.6 4.5 4.2 4.0 3.7 3.3 2.9 2.6 2.1 1.7 1.3 0.9 0.4 0.0 -0.4 -0.8 -1.3 -1.7 -2.1
5.0 6.7 8.1 9.3 10.3 11.2 11.8 12.4 12.8 13.2 13.4 13.7 13.9 14.1 14.2 14.2 14.1 13.9 13.5 13.0 12.4 11.6
-0.1 -0.1 0.0 0.4 0.9 1.5 2.2 2.8 3.4 3.8 4.1 4.2 4.0 3.8 3.3 2.7 2.0 1.3 0.7 0.1 -0.3 -0.6