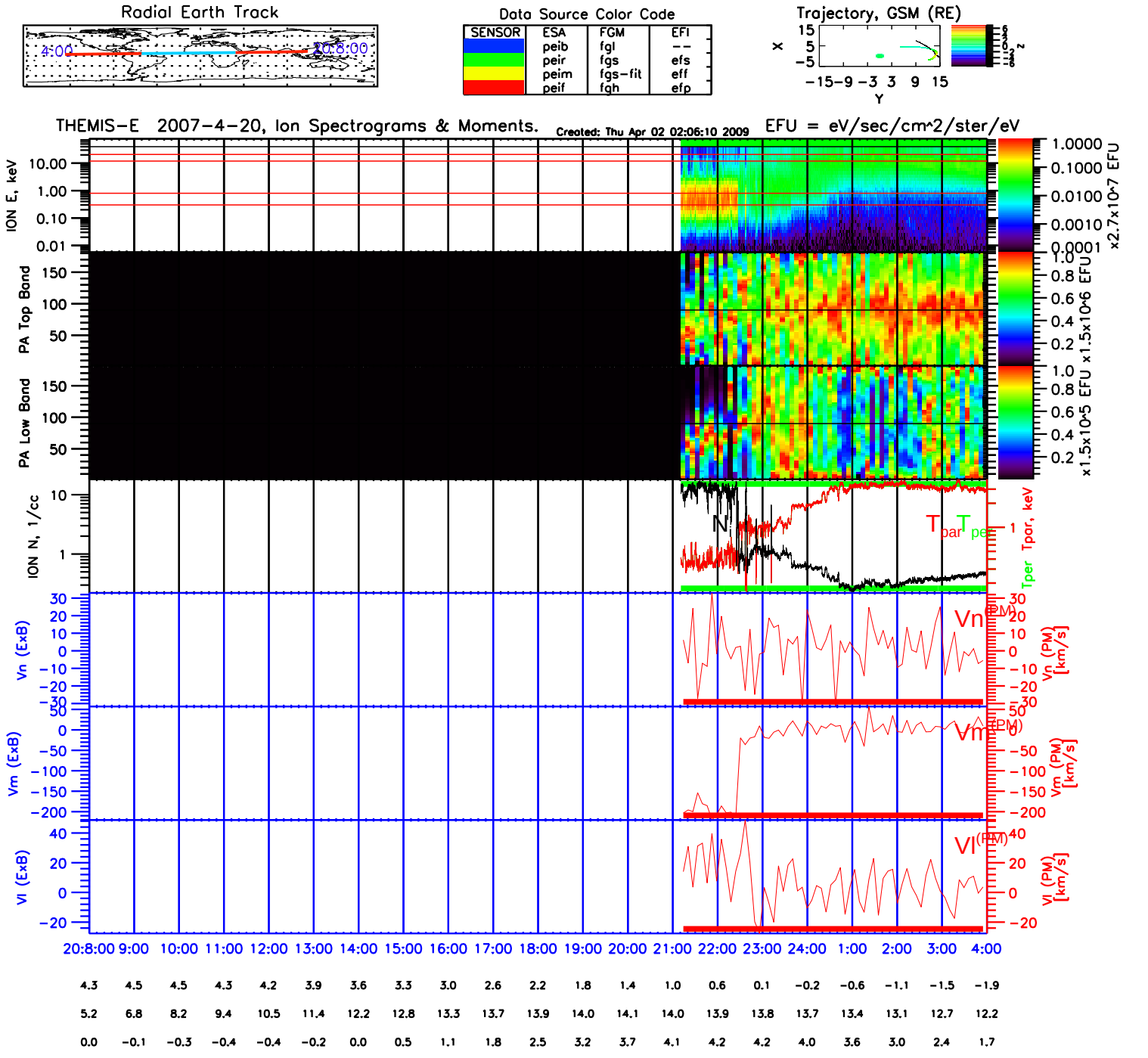
Radial Earth Track
4:00
20:8:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-4-20, Ion Spectrograms & Moments.
Created: Thu Apr 02 02:06:10 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM)
Vm (PM)
Vl (PM)
[km/s]
x2.7x10^7 EFU
x1.5x10^6 EFU
x1.5x10^5 EFU
20:8:00 9:00 10:00 11:00 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
4.3 4.5 4.5 4.3 4.2 3.9 3.6 3.3 3.0 2.6 2.2 1.8 1.4 1.0 0.6 0.1 -0.2 -0.6 -1.1 -1.5 -1.9
5.2 6.8 8.2 9.4 10.5 11.4 12.2 12.8 13.3 13.7 13.9 14.0 14.1 14.0 13.9 13.8 13.7 13.4 13.1 12.7 12.2
0.0 -0.1 -0.3 -0.4 -0.4 -0.2 0.0 0.5 1.1 1.8 2.5 3.2 3.7 4.1 4.2 4.2 4.0 3.6 3.0 2.4 1.7