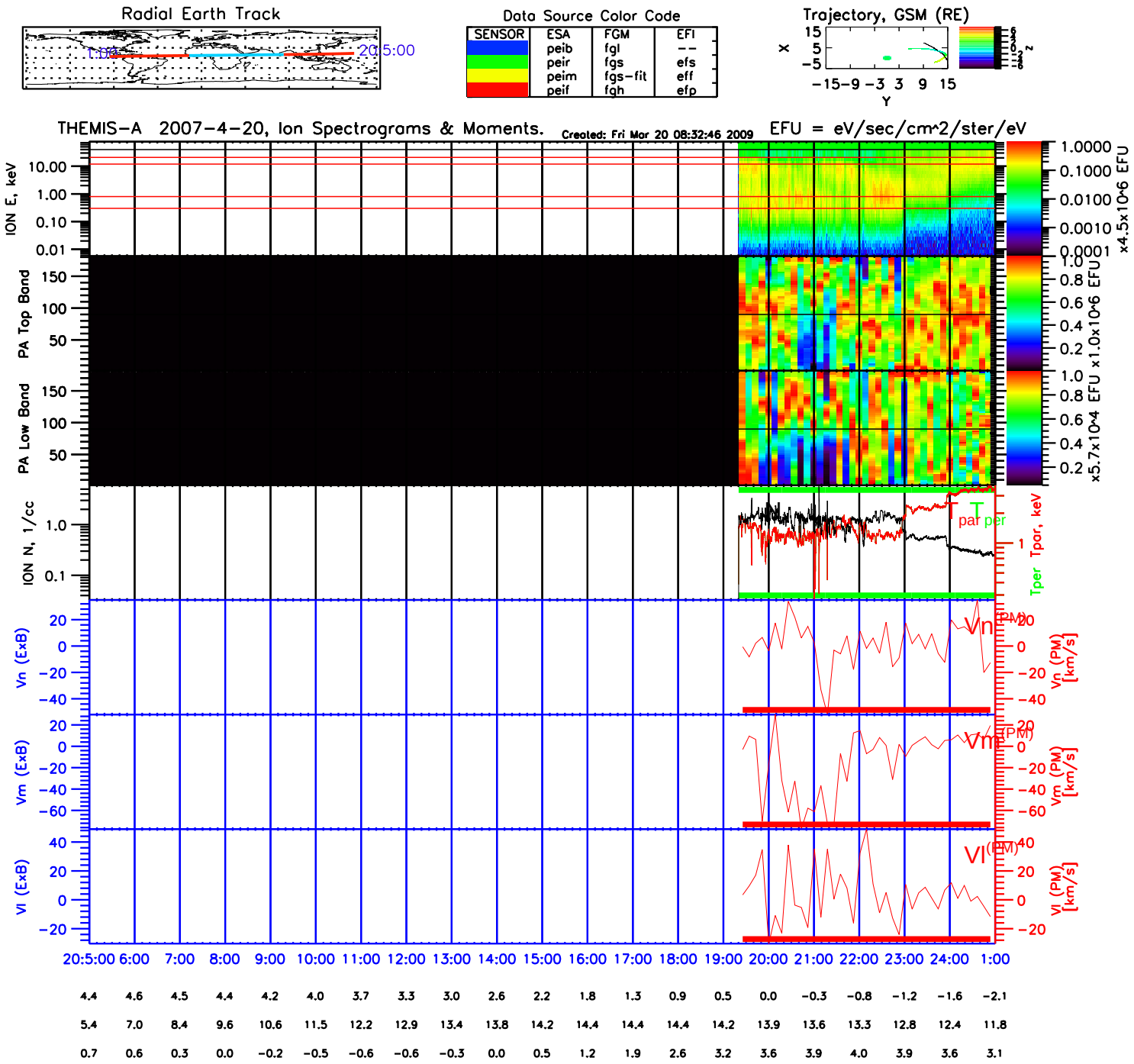
Radial Earth Track
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-A 2007-4-20, Ion Spectrograms & Moments.
Created: Fri Mar 20 08:32:46 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tpar, keV
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x4.5x10^6 EFU
x1.0x10^6 EFU
x5.7x10^4 EFU
20:5:00 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 20:00 21:00 22:00 23:00 24:00 1:00
4.4 4.6 4.5 4.4 4.2 4.0 3.7 3.3 3.0 2.6 2.2 1.8 1.3 0.9 0.5 0.0 -0.3 -0.8 -1.2 -1.6 -2.1
5.4 7.0 8.4 9.6 10.6 11.5 12.2 12.9 13.4 13.8 14.2 14.4 14.4 14.4 14.2 13.9 13.6 13.3 12.8 12.4 11.8
0.7 0.6 0.3 0.0 -0.2 -0.5 -0.6 -0.6 -0.3 0.0 0.5 1.2 1.9 2.6 3.2 3.6 3.9 4.0 3.9 3.6 3.1