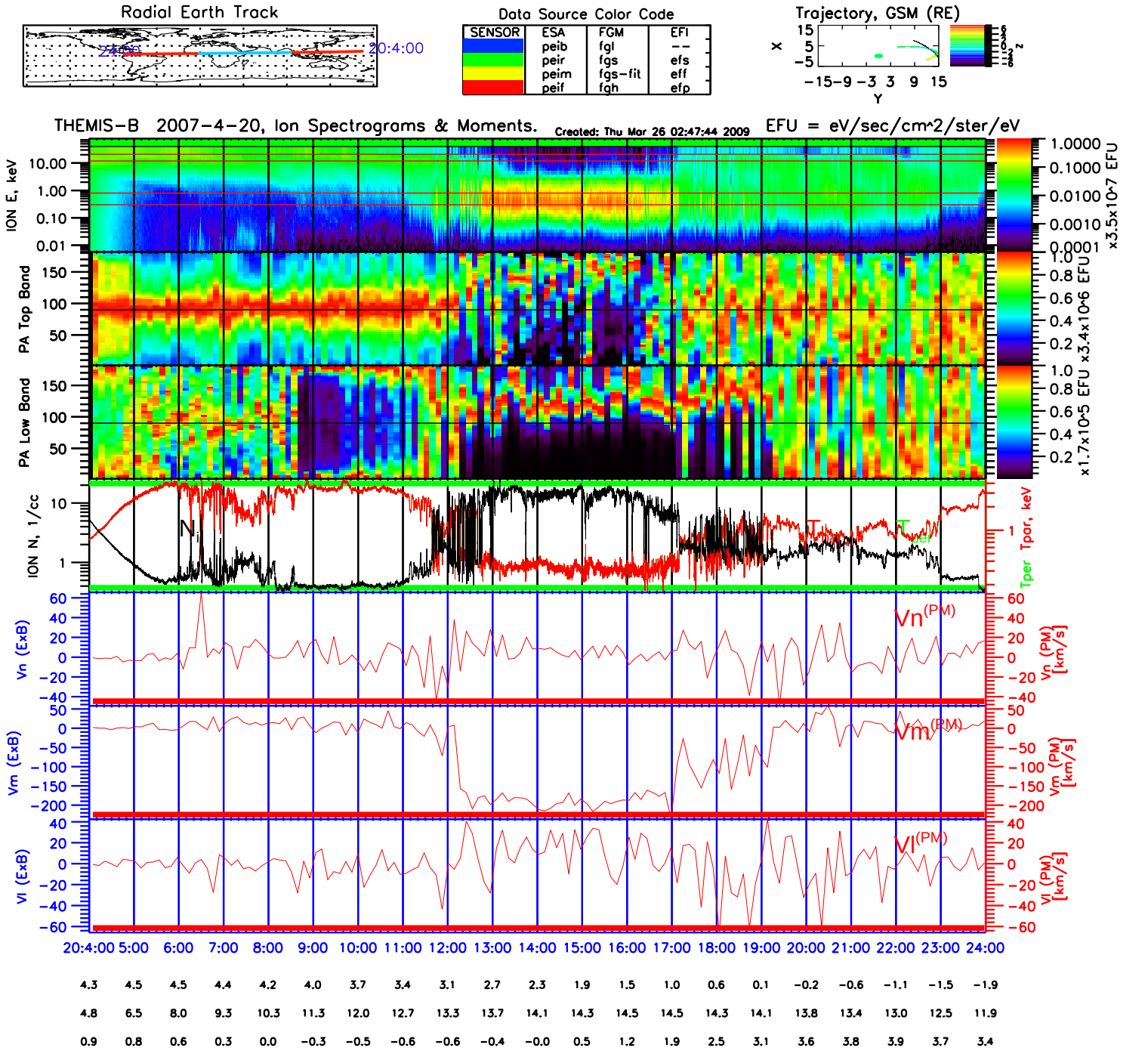
Radial Earth Track
20:4:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-B 2007-4-20, Ion Spectrograms & Moments.
Created: Thu Mar 26 02:47:44 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tpar, keV
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x3.5x10^7 EFU
x3.4x10^6 EFU
x1.7x10^5 EFU
20:4:00 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 20:00 21:00 22:00 23:00 24:00
4.3 4.5 4.5 4.4 4.2 4.0 3.7 3.4 3.1 2.7 2.3 1.9 1.5 1.0 0.6 0.1 -0.2 -0.6 -1.1 -1.5 -1.9
4.8 6.5 8.0 9.3 10.3 11.3 12.0 12.7 13.3 13.7 14.1 14.3 14.5 14.5 14.3 14.1 13.8 13.4 13.0 12.5 11.9
0.9 0.8 0.6 0.3 0.0 -0.3 -0.5 -0.6 -0.6 -0.4 -0.0 0.5 1.2 1.9 2.5 3.1 3.6 3.8 3.9 3.7 3.4