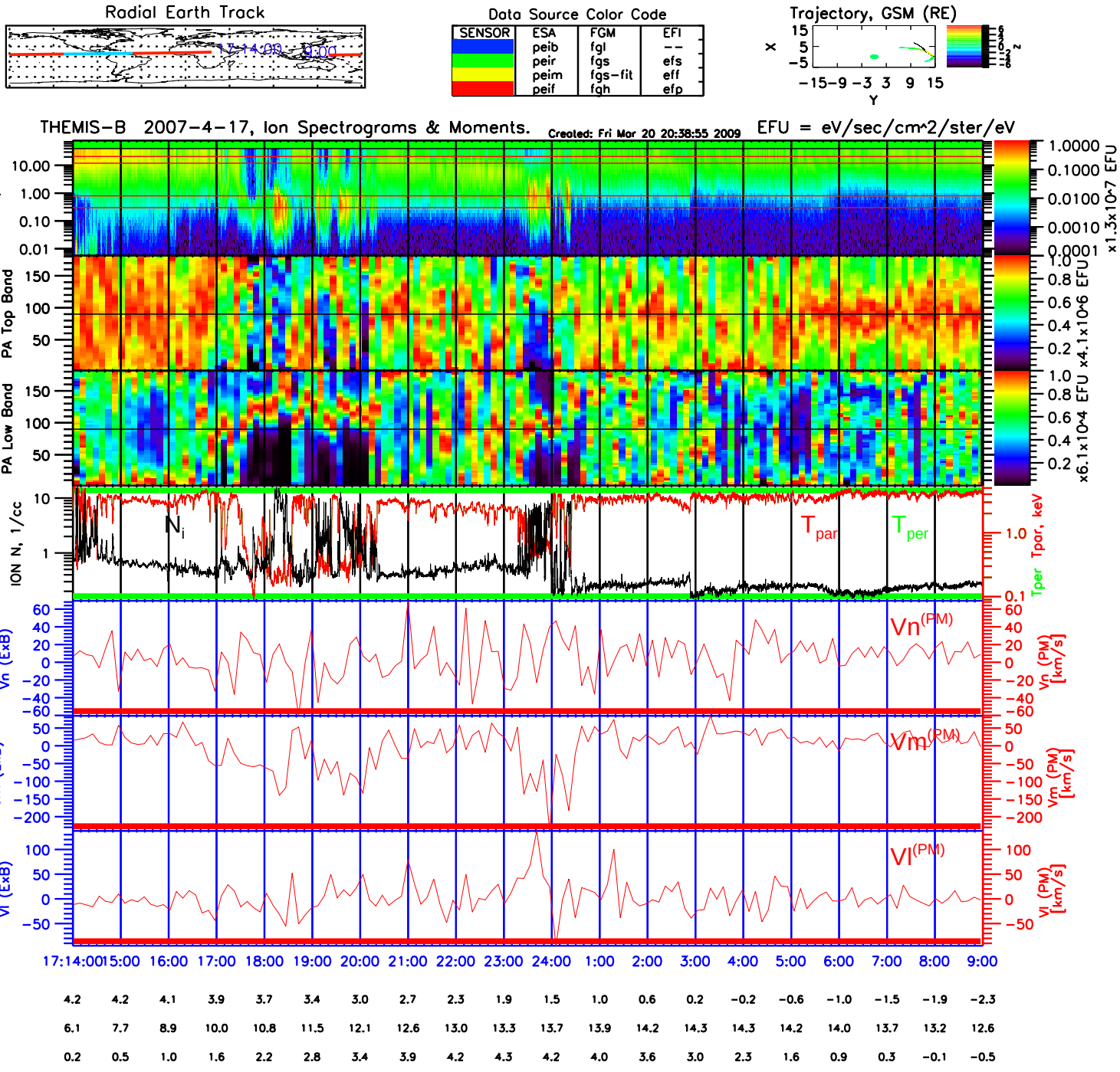
Radial Earth Track
17:14:09 0.00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-B 2007-4-17, Ion Spectrograms & Moments.
Created: Fri Mar 20 20:38:55 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION 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]
x1.3x10^7 EFU
x4.1x10^6 EFU
x6.1x10^4 EFU
17:14:00 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
4.2 4.2 4.1 3.9 3.7 3.4 3.0 2.7 2.3 1.9 1.5 1.0 0.6 0.2 -0.2 -0.6 -1.0 -1.5 -1.9 -2.3
6.1 7.7 8.9 10.0 10.8 11.5 12.1 12.6 13.0 13.3 13.7 13.9 14.2 14.3 14.3 14.2 14.0 13.7 13.2 12.6
0.2 0.5 1.0 1.6 2.2 2.8 3.4 3.9 4.2 4.3 4.2 4.0 3.6 3.0 2.3 1.6 0.9 0.3 -0.1 -0.5