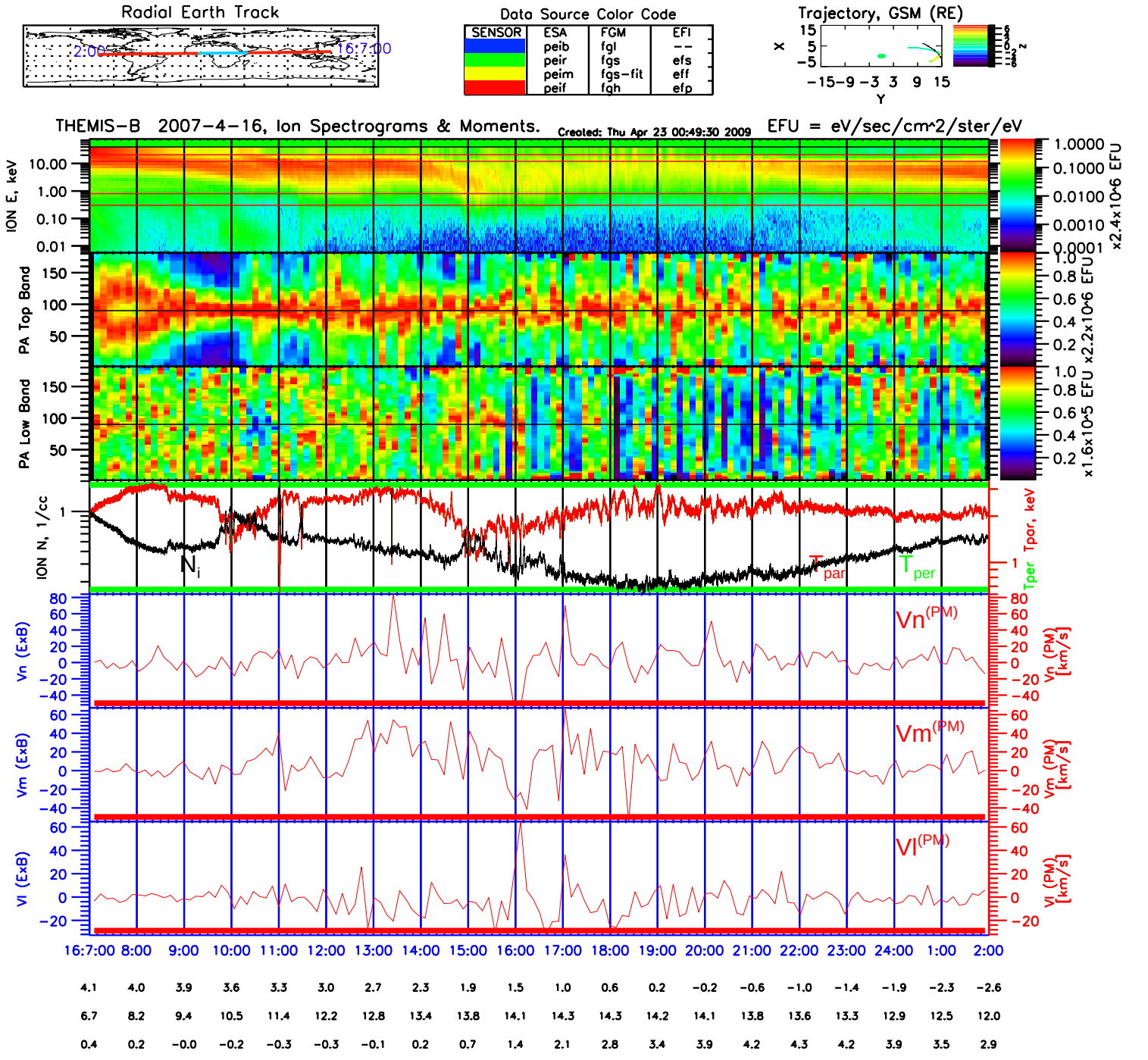
Radial Earth Track
2:00
16:7:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-B 2007-4-16, Ion Spectrograms & Moments.
Created: Thu Apr 23 00:49:30 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x2.4x10^6 EFU
x2.2x10^6 EFU
x1.6x10^5 EFU
ION N, 1/cc
Ni
Tpar
Tper
Tpar, keV
Vn (ExB)
Vn(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm(PM)
Vm (PM) [km/s]
Vl (ExB)
Vl(PM)
Vl (PM) [km/s]
16:7:00 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 2:00
4.1 4.0 3.9 3.6 3.3 3.0 2.7 2.3 1.9 1.5 1.0 0.6 0.2 -0.2 -0.6 -1.0 -1.4 -1.9 -2.3 -2.6
6.7 8.2 9.4 10.5 11.4 12.2 12.8 13.4 13.8 14.1 14.3 14.3 14.2 14.1 13.8 13.6 13.3 12.9 12.5 12.0
0.4 0.2 -0.0 -0.2 -0.3 -0.3 -0.1 0.2 0.7 1.4 2.1 2.8 3.4 3.9 4.2 4.3 4.2 3.9 3.5 2.9