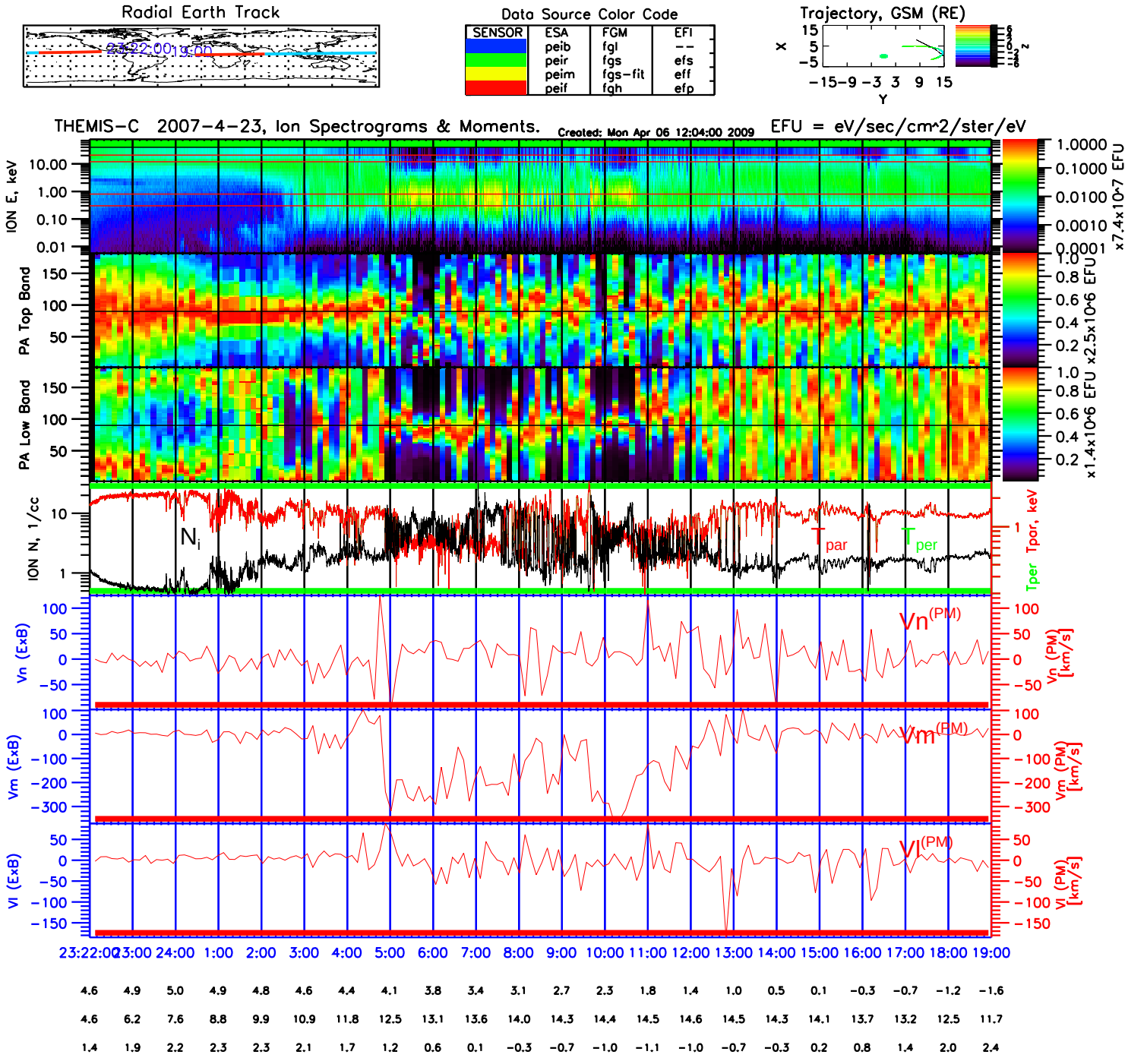
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-C 2007-4-23, Ion Spectrograms & Moments.
Created: Mon Apr 06 12:04:00 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
23:22:00 23:00 24:00 1:00 2:00 3:00 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
4.6 4.9 5.0 4.9 4.8 4.6 4.4 4.1 3.8 3.4 3.1 2.7 2.3 1.8 1.4 1.0 0.5 0.1 -0.3 -0.7 -1.2 -1.6
4.6 6.2 7.6 8.8 9.9 10.9 11.8 12.5 13.1 13.6 14.0 14.3 14.4 14.5 14.6 14.5 14.3 14.1 13.7 13.2 12.5 11.7
1.4 1.9 2.2 2.3 2.3 2.1 1.7 1.2 0.6 0.1 -0.3 -0.7 -1.0 -1.1 -1.0 -0.7 -0.3 0.2 0.8 1.4 2.0 2.4