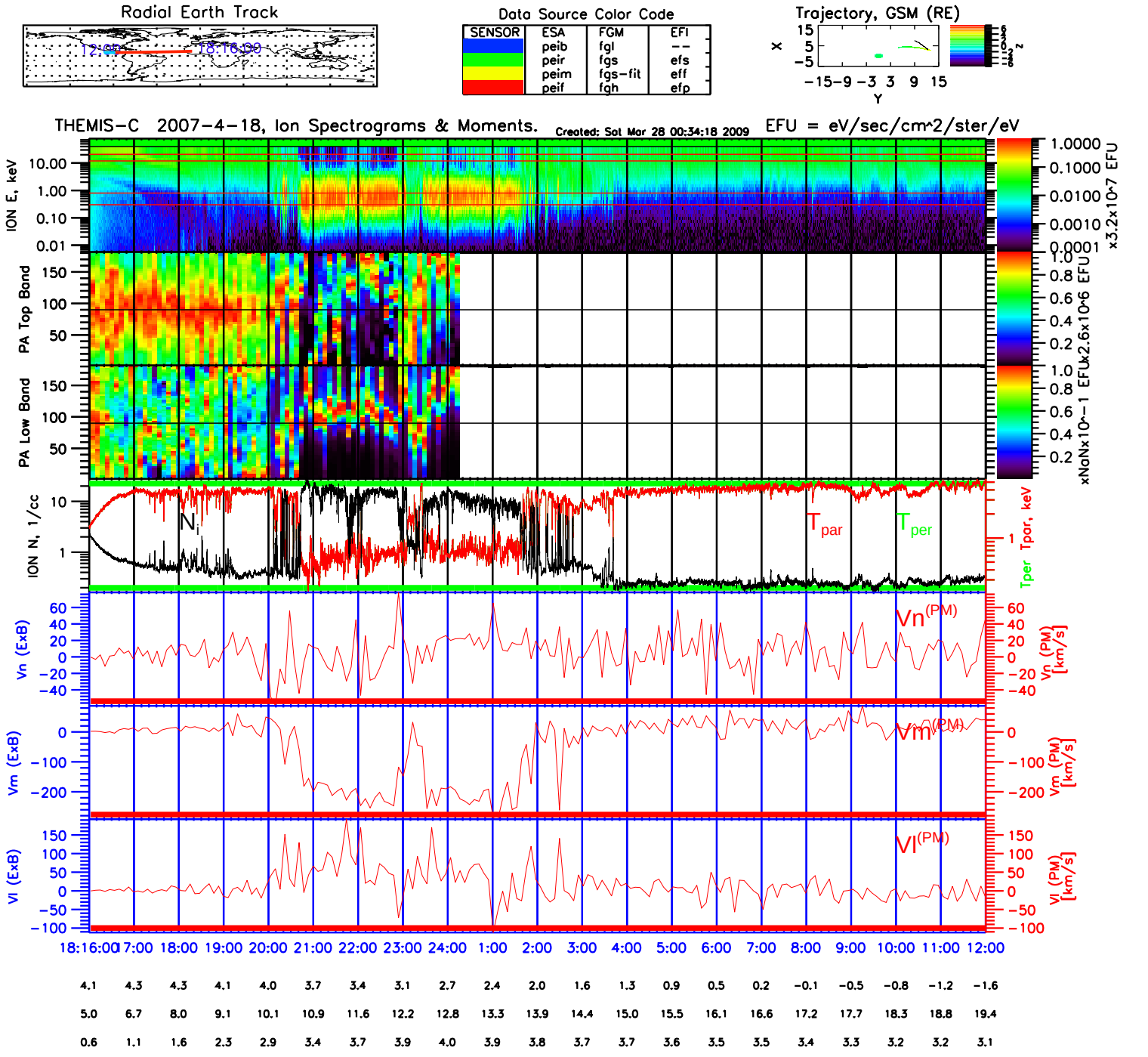
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-C 2007-4-18, Ion Spectrograms & Moments.
Created: Sat Mar 28 00:34:18 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
18:16:00 7:00 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 10:00 11:00 12:00
4.1 4.3 4.3 4.1 4.0 3.7 3.4 3.1 2.7 2.4 2.0 1.6 1.3 0.9 0.5 0.2 -0.1 -0.5 -0.8 -1.2 -1.6
5.0 6.7 8.0 9.1 10.1 10.9 11.6 12.2 12.8 13.3 13.9 14.4 15.0 15.5 16.1 16.6 17.2 17.7 18.3 18.8 19.4
0.6 1.1 1.6 2.3 2.9 3.4 3.7 3.9 4.0 3.9 3.8 3.7 3.7 3.6 3.5 3.5 3.4 3.3 3.2 3.2 3.1