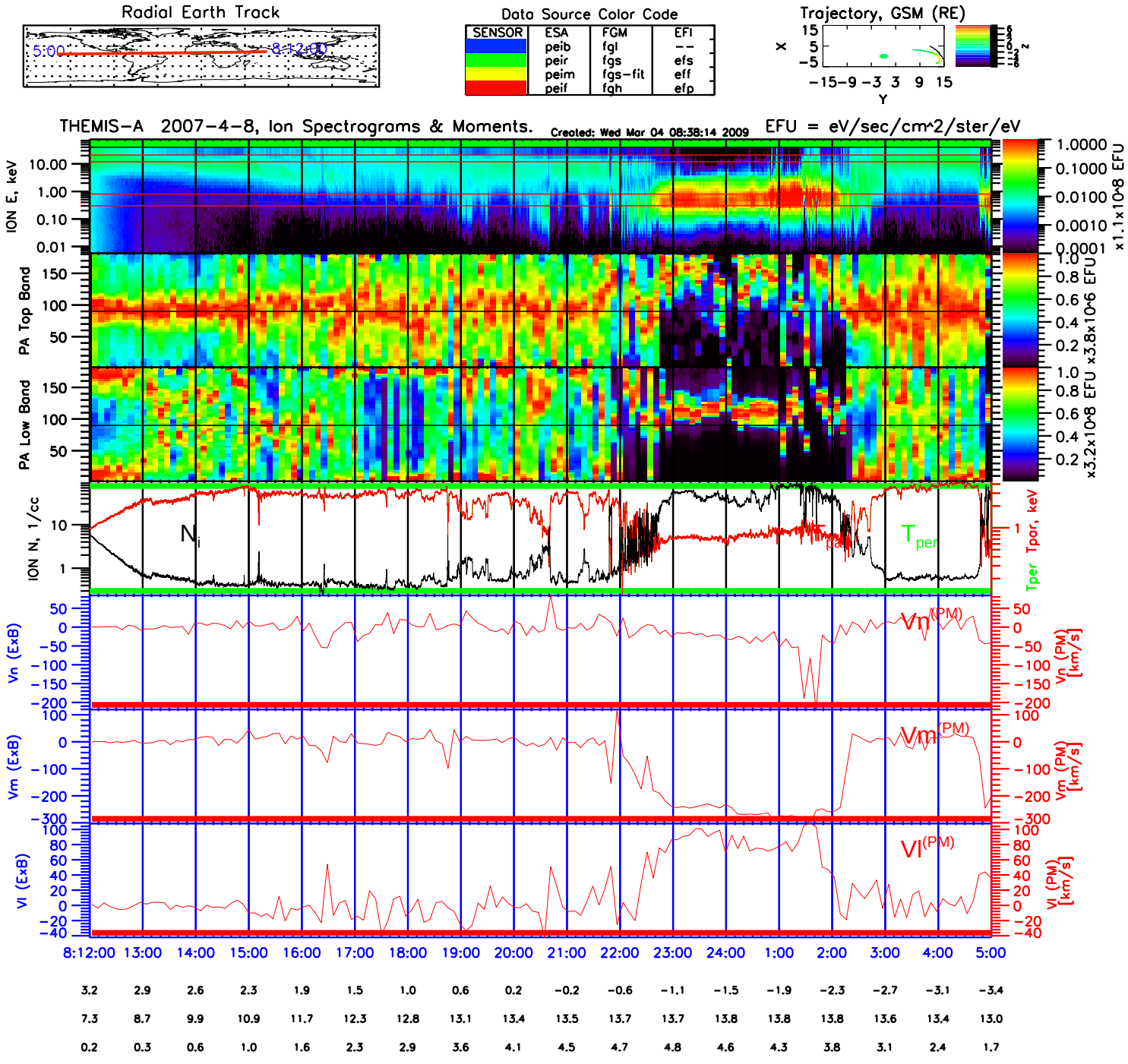
Radial Earth Track
5:00
8:12:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-4-8, Ion Spectrograms & Moments.
Created: Wed Mar 04 08:38:14 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.1x10^8 EFU
x3.8x10^6 EFU
x3.2x10^8 EFU
ION N, 1/cc
N_i
T_per
T_par
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]
8:12:00 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 3:00 4:00 5:00
3.2 2.9 2.6 2.3 1.9 1.5 1.0 0.6 0.2 -0.2 -0.6 -1.1 -1.5 -1.9 -2.3 -2.7 -3.1 -3.4
7.3 8.7 9.9 10.9 11.7 12.3 12.8 13.1 13.4 13.5 13.7 13.7 13.8 13.8 13.8 13.6 13.4 13.0
0.2 0.3 0.6 1.0 1.6 2.3 2.9 3.6 4.1 4.5 4.7 4.8 4.6 4.3 3.8 3.1 2.4 1.7