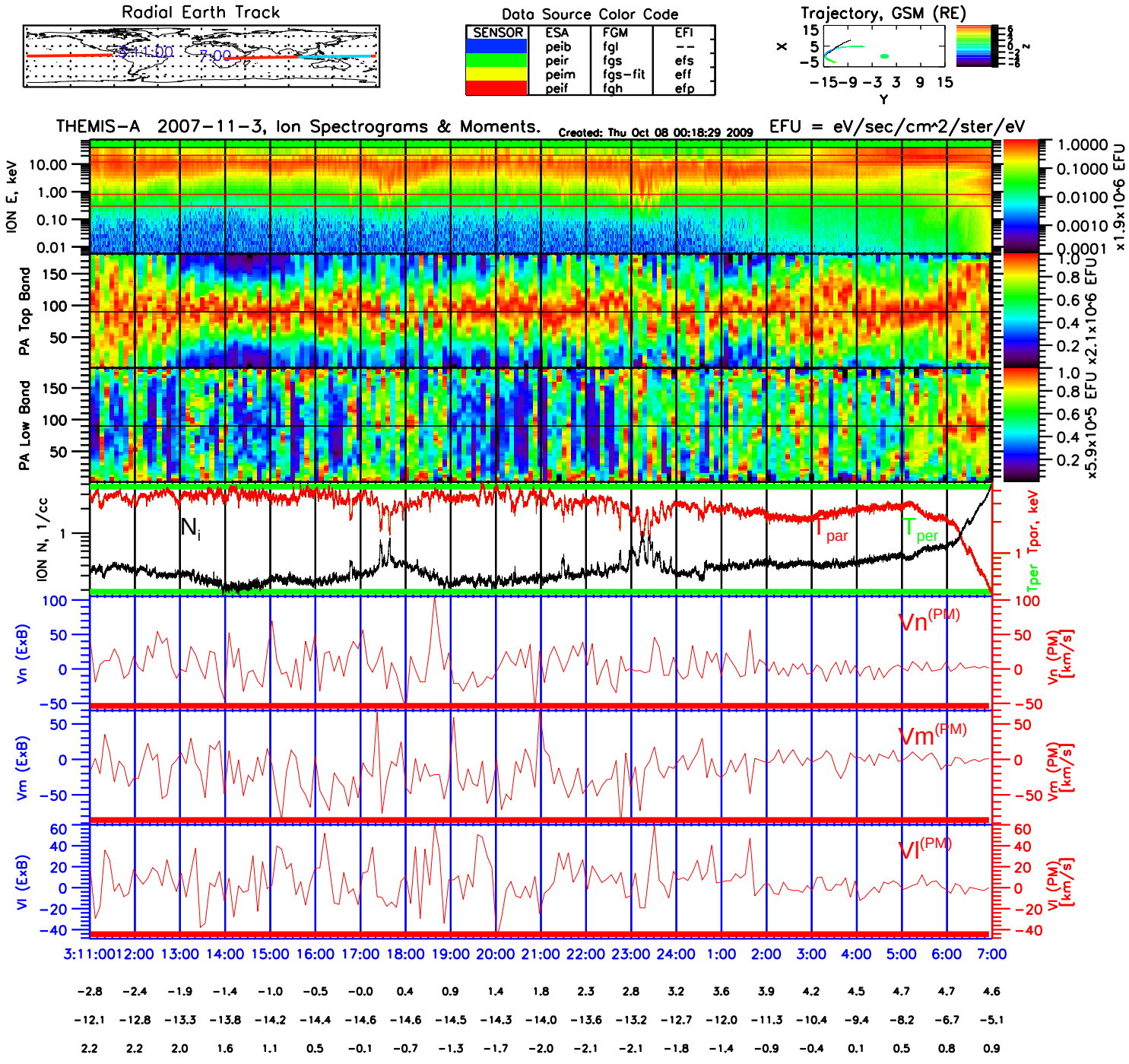
Radial Earth Track
3:11:00
7:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-11-3, Ion Spectrograms & Moments.
Created: Thu Oct 08 00:18:29 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.9x10^6 EFU
x2.1x10^6 EFU
x5.9x10^5 EFU
ION N, 1/cc
N_i
T_par
T_per
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]
3:11:00 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 3:00 4:00 5:00 6:00 7:00
-2.8 -2.4 -1.9 -1.4 -1.0 -0.5 -0.0 0.4 0.9 1.4 1.8 2.3 2.8 3.2 3.6 3.9 4.2 4.5 4.7 4.7 4.6
-12.1 -12.8 -13.3 -13.8 -14.2 -14.4 -14.6 -14.6 -14.5 -14.3 -14.0 -13.6 -13.2 -12.7 -12.0 -11.3 -10.4 -9.4 -8.2 -6.7 -5.1
2.2 2.2 2.0 1.6 1.1 0.5 -0.1 -0.7 -1.3 -1.7 -2.0 -2.1 -2.1 -1.8 -1.4 -0.9 -0.4 0.1 0.5 0.8 0.9