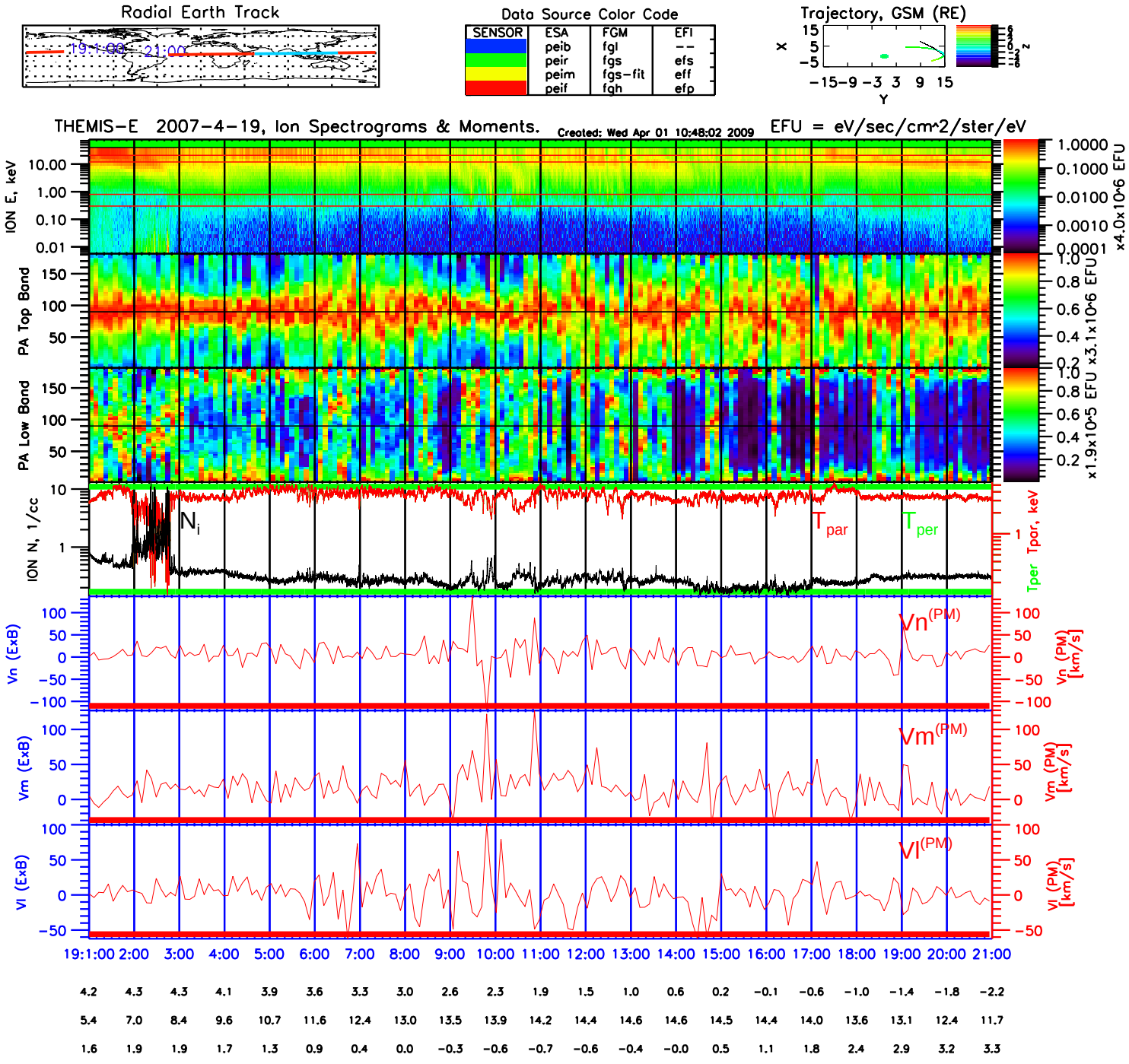
Radial Earth Track
19:1:00
21:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-4-19, Ion Spectrograms & Moments.
Created: Wed Apr 01 10:48:02 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION 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]
x4.0x10^6 EFU
x3.1x10^6 EFU
x1.9x10^5 EFU
19:1:00 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 20:00 21:00
4.2 4.3 4.3 4.1 3.9 3.6 3.3 3.0 2.6 2.3 1.9 1.5 1.0 0.6 0.2 -0.1 -0.6 -1.0 -1.4 -1.8 -2.2
5.4 7.0 8.4 9.6 10.7 11.6 12.4 13.0 13.5 13.9 14.2 14.4 14.6 14.6 14.5 14.4 14.0 13.6 13.1 12.4 11.7
1.6 1.9 1.9 1.7 1.3 0.9 0.4 0.0 -0.3 -0.6 -0.7 -0.6 -0.4 -0.0 0.5 1.1 1.8 2.4 2.9 3.2 3.3