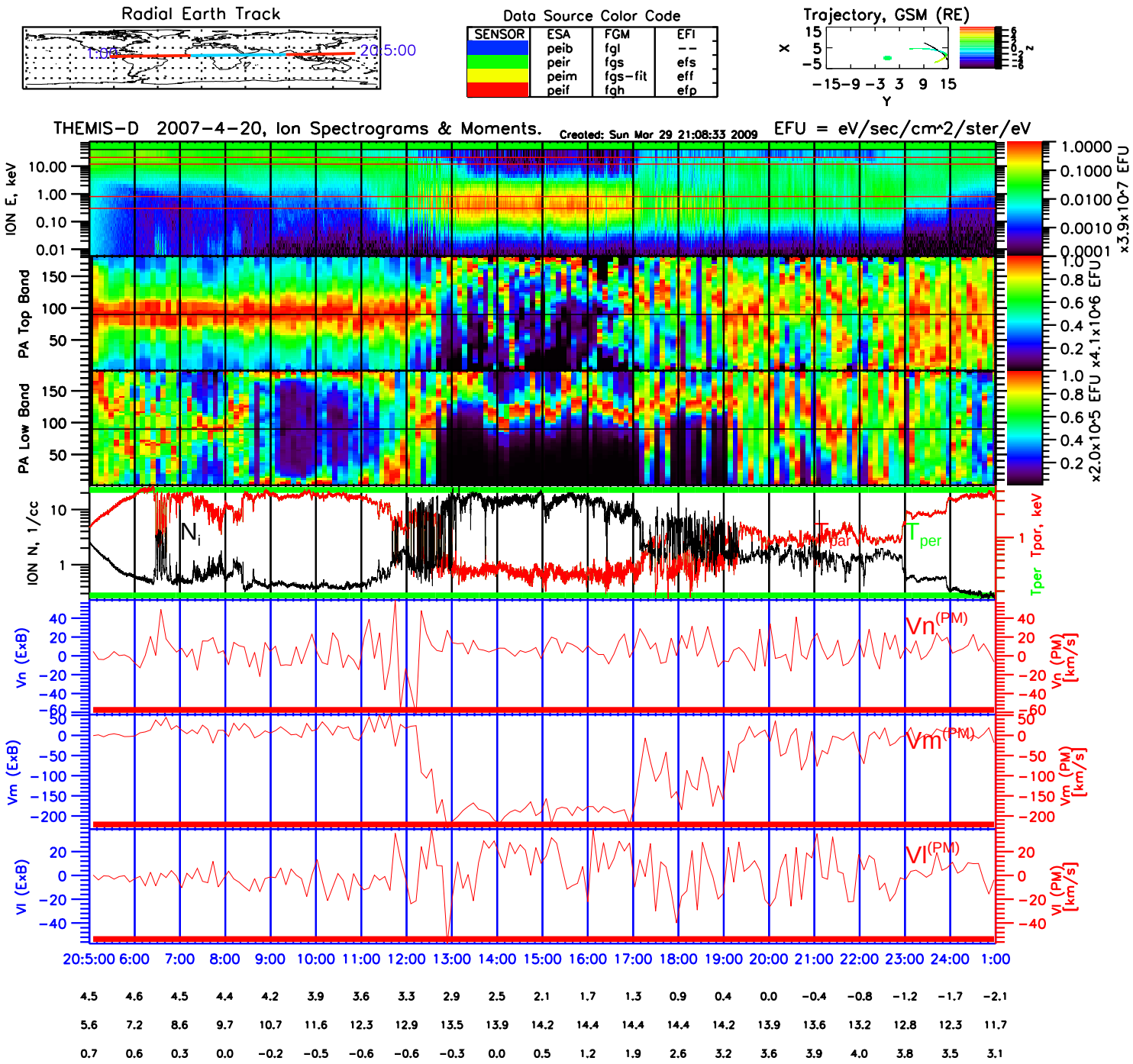
Radial Earth Track
20:5:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-4-20, Ion Spectrograms & Moments.
Created: Sun Mar 29 21:08:33 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x3.9x10^7 EFU
x4.1x10^6 EFU
x2.0x10^5 EFU
Ni
Tpar
Tper
Vn(PM)
Vm(PM)
Vl(PM)
20:5:00 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 22:00 23:00 24:00 1:00
4.5 4.6 4.5 4.4 4.2 3.9 3.6 3.3 2.9 2.5 2.1 1.7 1.3 0.9 0.4 0.0 -0.4 -0.8 -1.2 -1.7 -2.1
5.6 7.2 8.6 9.7 10.7 11.6 12.3 12.9 13.5 13.9 14.2 14.4 14.4 14.4 14.2 13.9 13.6 13.2 12.8 12.3 11.7
0.7 0.6 0.3 0.0 -0.2 -0.5 -0.6 -0.6 -0.3 0.0 0.5 1.2 1.9 2.6 3.2 3.6 3.9 4.0 3.8 3.5 3.1