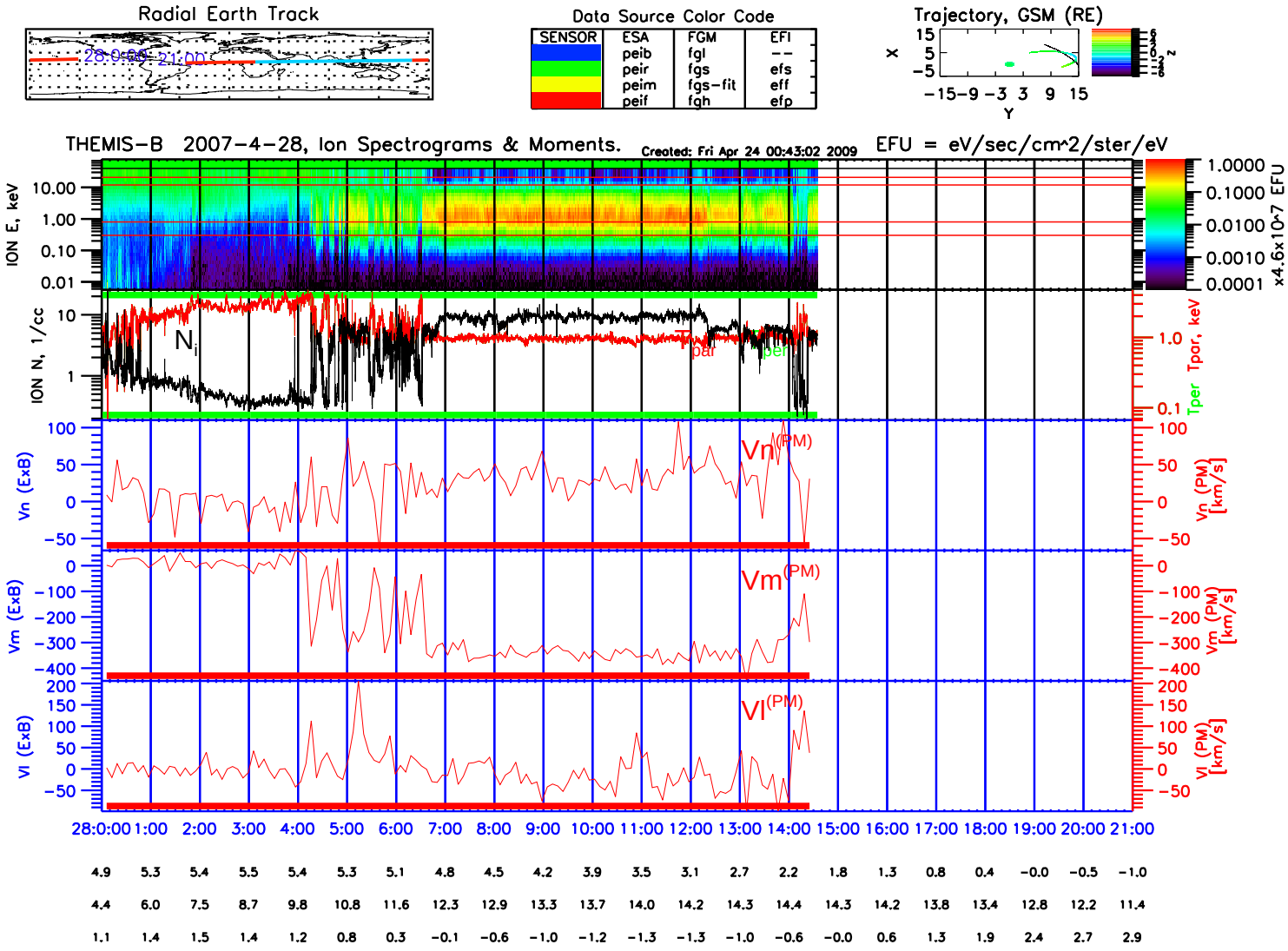
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-B 2007-4-28, Ion Spectrograms & Moments.
Created: Fri Apr 24 00:43:02 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Tpar, keV
Tper
x4.6x10^7 EFU
28:0:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00
4.9 5.3 5.4 5.5 5.4 5.3 5.1 4.8 4.5 4.2 3.9 3.5 3.1 2.7 2.2 1.8 1.3 0.8 0.4 -0.0 -0.5 -1.0
4.4 6.0 7.5 8.7 9.8 10.8 11.6 12.3 12.9 13.3 13.7 14.0 14.2 14.3 14.4 14.3 14.2 13.8 13.4 12.8 12.2 11.4
1.1 1.4 1.5 1.4 1.2 0.8 0.3 -0.1 -0.6 -1.0 -1.2 -1.3 -1.3 -1.0 -0.6 -0.0 0.6 1.3 1.9 2.4 2.7 2.9