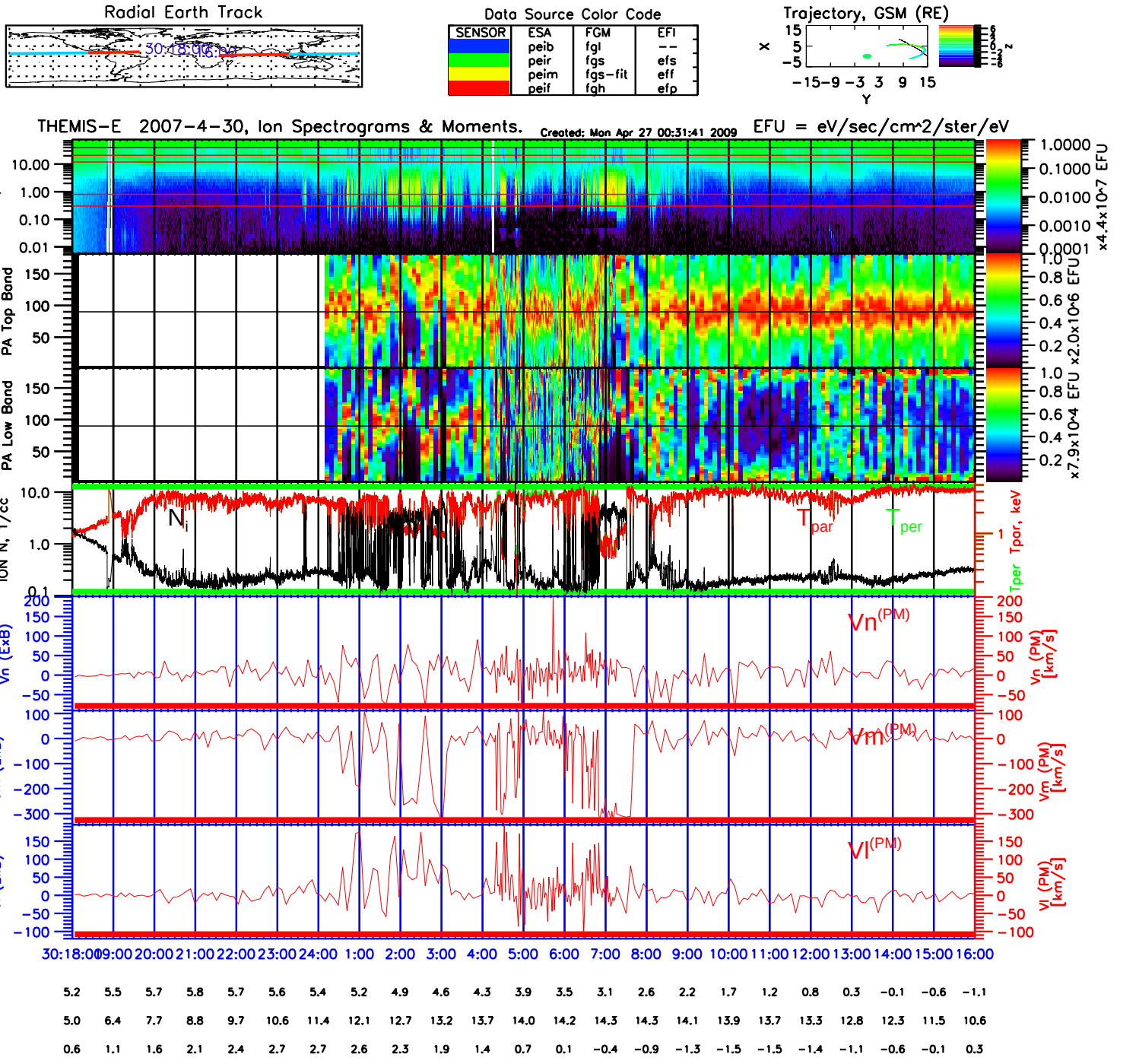
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-E 2007-4-30, Ion Spectrograms & Moments.
Created: Mon Apr 27 00:31:41 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
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]
30:18:00 09:00 20:00 21:00 22:00 23:00 24:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00
5.2 5.5 5.7 5.8 5.7 5.6 5.4 5.2 4.9 4.6 4.3 3.9 3.5 3.1 2.6 2.2 1.7 1.2 0.8 0.3 -0.1 -0.6 -1.1
5.0 6.4 7.7 8.8 9.7 10.6 11.4 12.1 12.7 13.2 13.7 14.0 14.2 14.3 14.3 14.1 13.9 13.7 13.3 12.8 12.3 11.5 10.6
0.6 1.1 1.6 2.1 2.4 2.7 2.7 2.6 2.3 1.9 1.4 0.7 0.1 -0.4 -0.9 -1.3 -1.5 -1.5 -1.4 -1.1 -0.6 -0.1 0.3