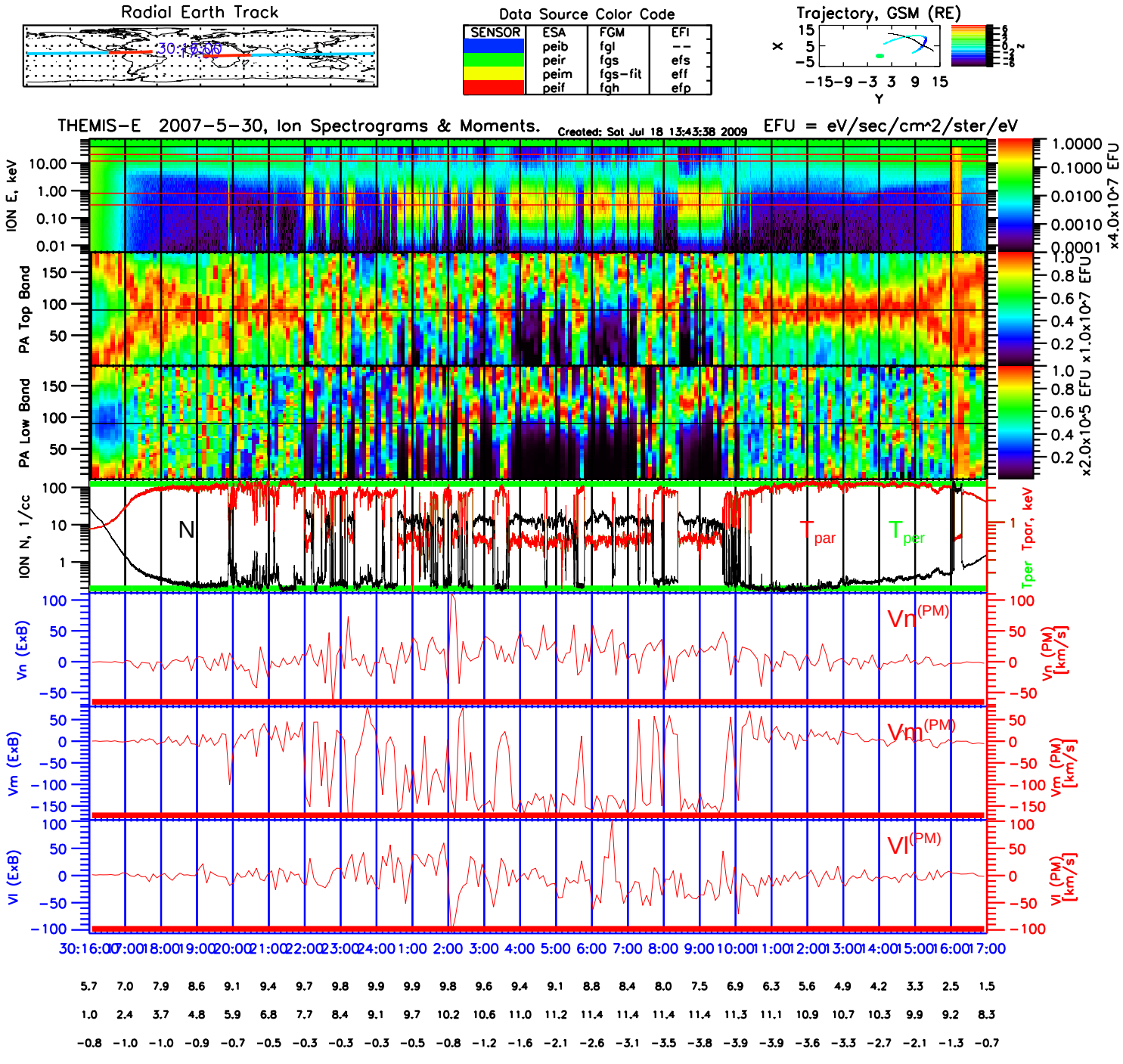
Radial Earth Track
30:12:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-5-30, Ion Spectrograms & Moments.
Created: Sat Jul 18 13:43:38 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N
Tpar
Tper
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x4.0x10^7 EFU
x1.0x10^7 EFU
x2.0x10^5 EFU
30:16:00 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 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00
5.7 7.0 7.9 8.6 9.1 9.4 9.7 9.8 9.9 9.9 9.8 9.6 9.4 9.1 8.8 8.4 8.0 7.5 6.9 6.3 5.6 4.9 4.2 3.3 2.5 1.5
1.0 2.4 3.7 4.8 5.9 6.8 7.7 8.4 9.1 9.7 10.2 10.6 11.0 11.2 11.4 11.4 11.4 11.4 11.3 11.1 10.9 10.7 10.3 9.9 9.2 8.3
-0.8 -1.0 -1.0 -0.9 -0.7 -0.5 -0.3 -0.3 -0.3 -0.5 -0.8 -1.2 -1.6 -2.1 -2.6 -3.1 -3.5 -3.8 -3.9 -3.9 -3.6 -3.3 -2.7 -2.1 -1.3 -0.7