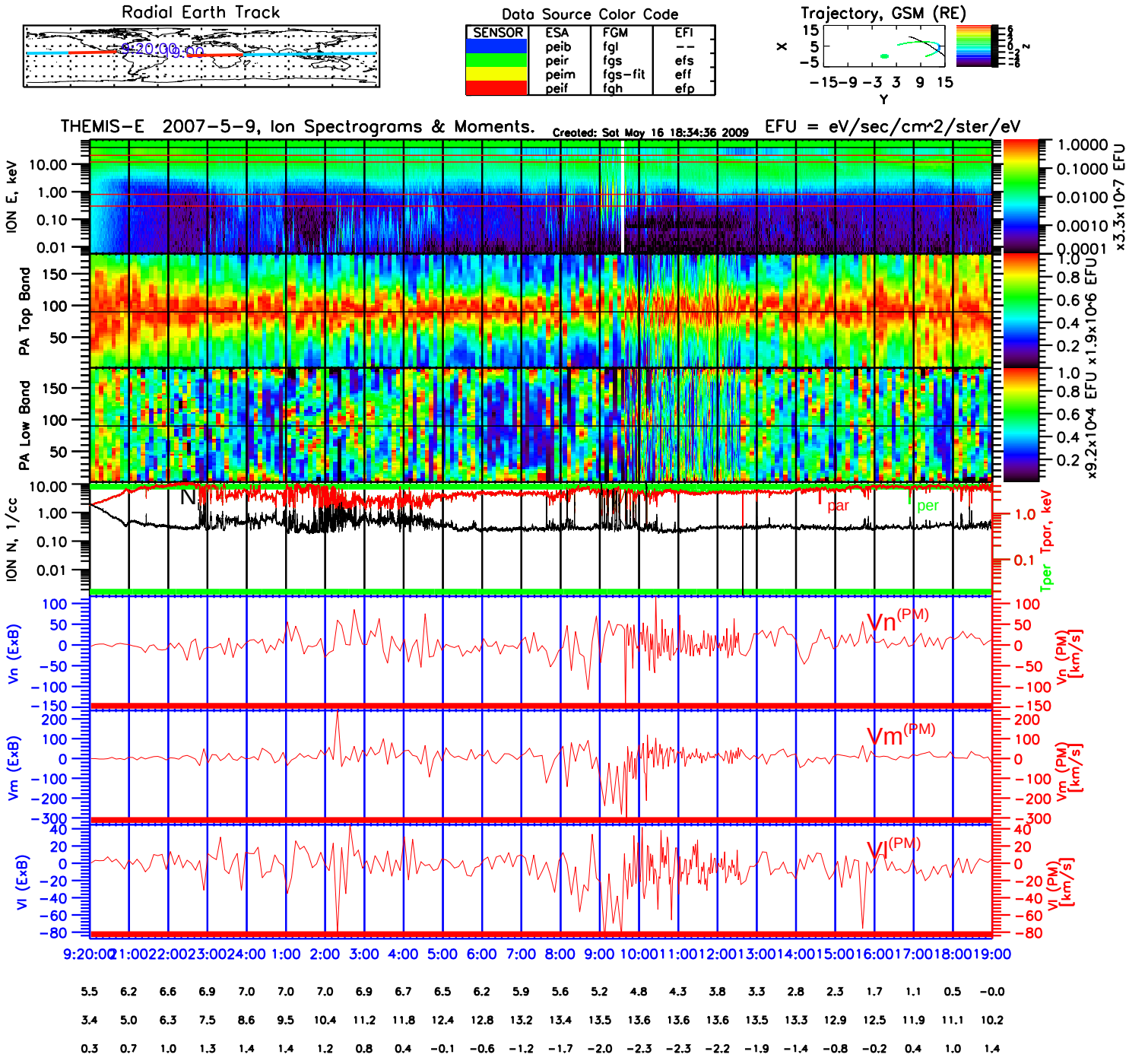
Radial Earth Track
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-E 2007-5-9, Ion Spectrograms & Moments.
Created: Sat May 16 18:34:36 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N
Tpar
Tper
Tpar, 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]
9:20:00 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 18:00 19:00
5.5 6.2 6.6 6.9 7.0 7.0 7.0 6.9 6.7 6.5 6.2 5.9 5.6 5.2 4.8 4.3 3.8 3.3 2.8 2.3 1.7 1.1 0.5 -0.0
3.4 5.0 6.3 7.5 8.6 9.5 10.4 11.2 11.8 12.4 12.8 13.2 13.4 13.5 13.6 13.6 13.6 13.5 13.3 12.9 12.5 11.9 11.1 10.2
0.3 0.7 1.0 1.3 1.4 1.4 1.2 0.8 0.4 -0.1 -0.6 -1.2 -1.7 -2.0 -2.3 -2.3 -2.2 -1.9 -1.4 -0.8 -0.2 0.4 1.0 1.4