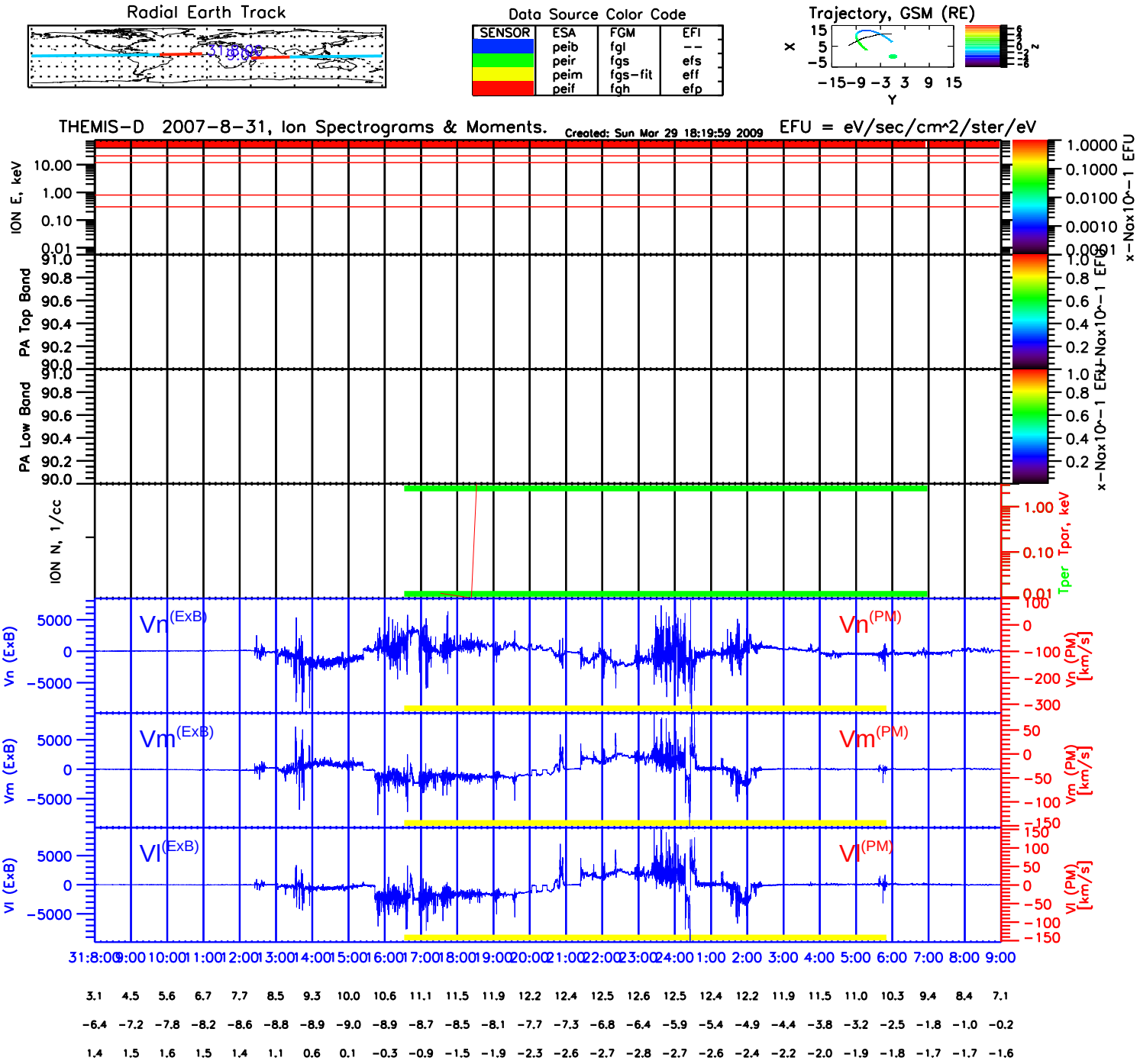
Radial Earth Track
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-D 2007-8-31, Ion Spectrograms & Moments.
Created: Sun Mar 29 18:19:59 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Vn(ExB)
Vm(ExB)
Vl(ExB)
Vn(PM)
Vm(PM)
Vl(PM)
31:8:00 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 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00
3.1 4.5 5.6 6.7 7.7 8.5 9.3 10.0 10.6 11.1 11.5 11.9 12.2 12.4 12.5 12.6 12.5 12.4 12.2 11.9 11.5 11.0 10.3 9.4 8.4 7.1
-6.4 -7.2 -7.8 -8.2 -8.6 -8.8 -8.9 -9.0 -8.9 -8.7 -8.5 -8.1 -7.7 -7.3 -6.8 -6.4 -5.9 -5.4 -4.9 -4.4 -3.8 -3.2 -2.5 -1.8 -1.0 -0.2
1.4 1.5 1.6 1.5 1.4 1.1 0.6 0.1 -0.3 -0.9 -1.5 -1.9 -2.3 -2.6 -2.7 -2.8 -2.7 -2.6 -2.4 -2.2 -2.0 -1.9 -1.8 -1.7 -1.7 -1.6