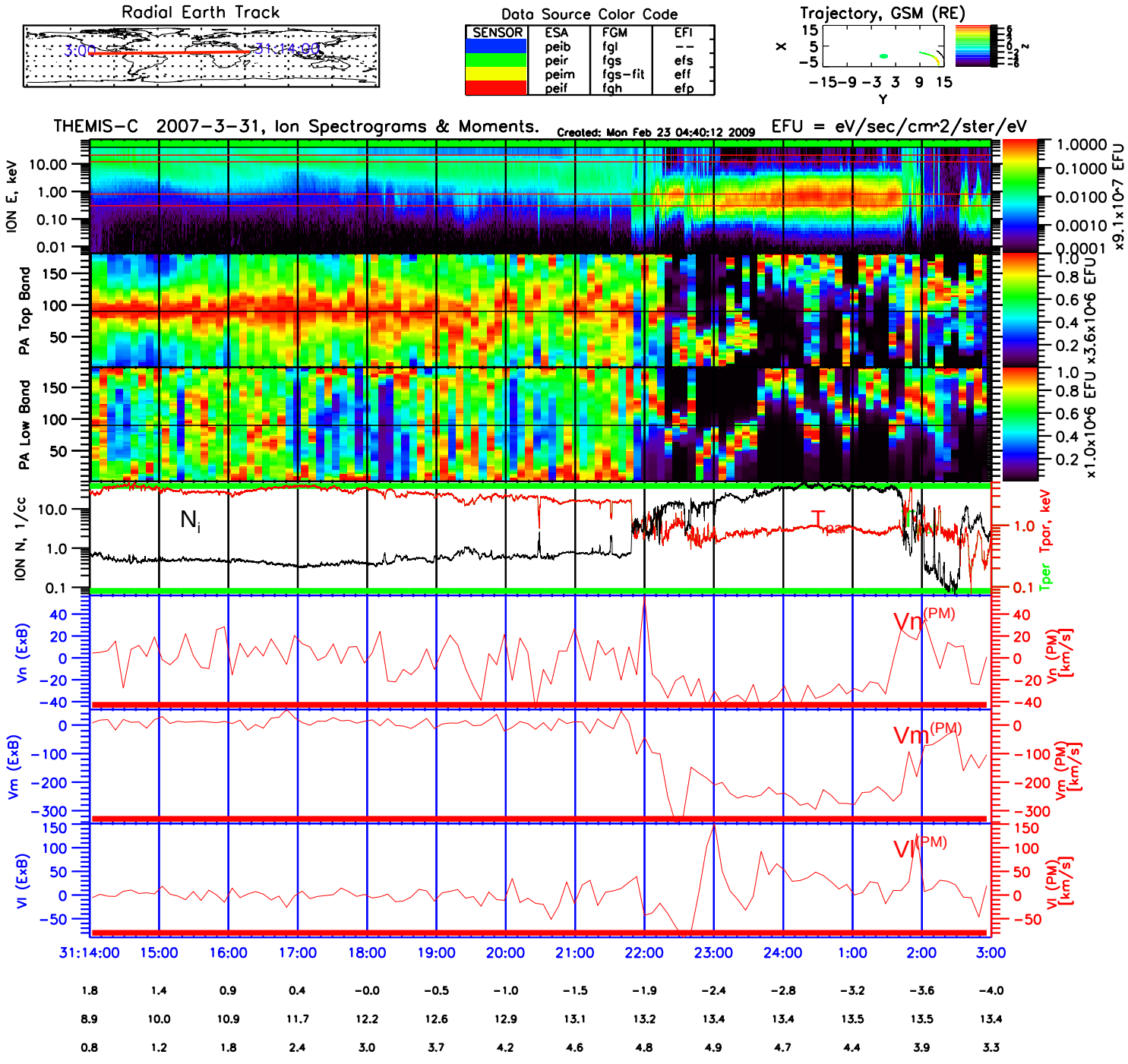
Radial Earth Track
3:00
31:14:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2007-3-31, Ion Spectrograms & Moments.
Created: Mon Feb 23 04:40:12 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x9.1x10^7 EFU
x3.6x10^6 EFU
x1.0x10^6 EFU
ION N, 1/cc
Ni
Tpar
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]
31:14:00
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
1.8 1.4 0.9 0.4 -0.0 -0.5 -1.0 -1.5 -1.9 -2.4 -2.8 -3.2 -3.6 -4.0
8.9 10.0 10.9 11.7 12.2 12.6 12.9 13.1 13.2 13.4 13.4 13.5 13.5 13.4
0.8 1.2 1.8 2.4 3.0 3.7 4.2 4.6 4.8 4.9 4.7 4.4 3.9 3.3