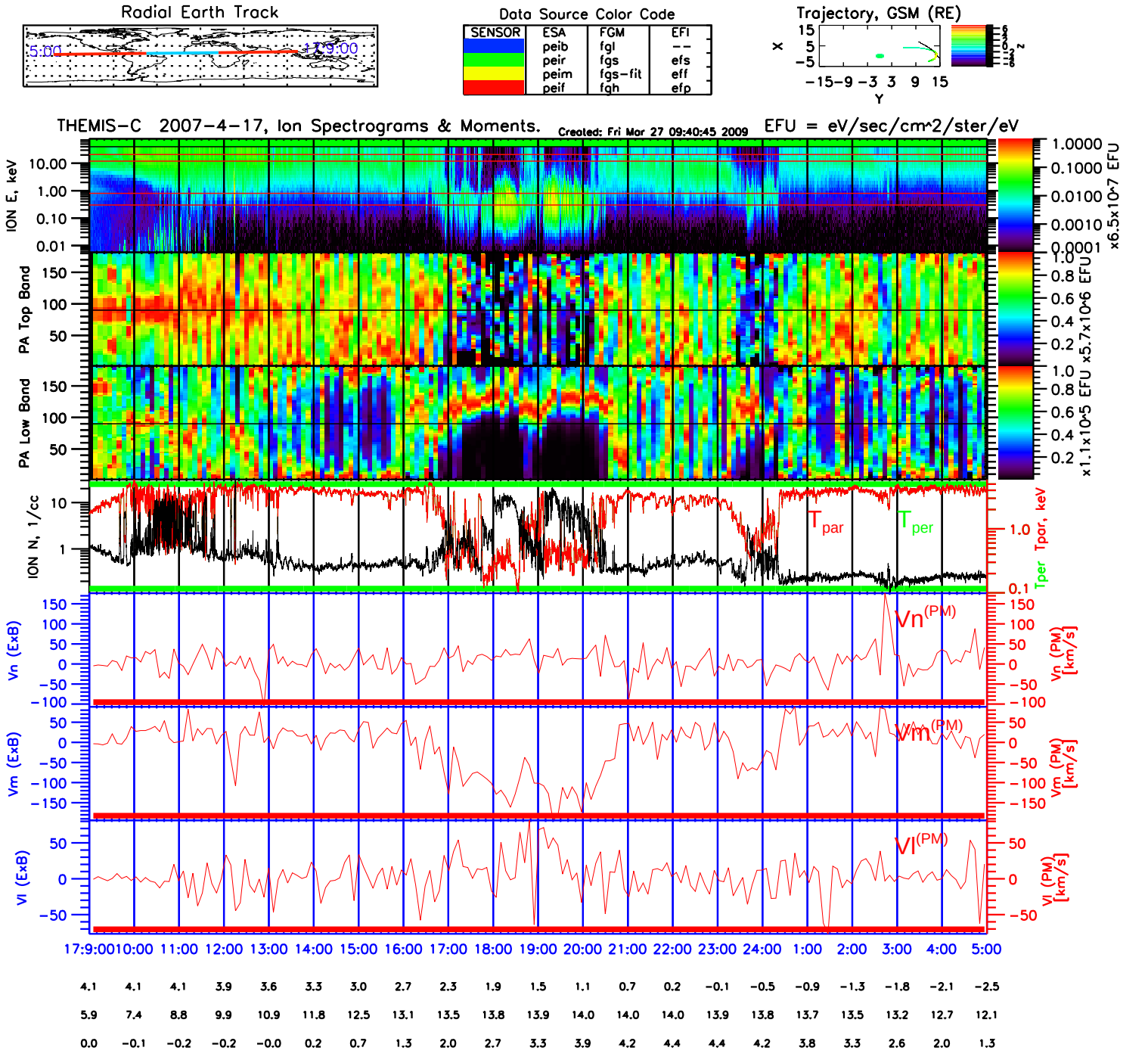
Radial Earth Track
5:00
+19:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2007-4-17, Ion Spectrograms & Moments.
Created: Fri Mar 27 09:40:45 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x6.5x10^7 EFU
x5.7x10^6 EFU
x1.1x10^5 EFU
ION N, 1/cc
Tpar
Tper
Vn (ExB)
Vn (PM) [km/s]
Vm (ExB)
Vm (PM) [km/s]
Vl (ExB)
Vl (PM) [km/s]
17:9:00 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
4.1 4.1 4.1 3.9 3.6 3.3 3.0 2.7 2.3 1.9 1.5 1.1 0.7 0.2 -0.1 -0.5 -0.9 -1.3 -1.8 -2.1 -2.5
5.9 7.4 8.8 9.9 10.9 11.8 12.5 13.1 13.5 13.8 13.9 14.0 14.0 14.0 13.9 13.8 13.7 13.5 13.2 12.7 12.1
0.0 -0.1 -0.2 -0.2 -0.0 0.2 0.7 1.3 2.0 2.7 3.3 3.9 4.2 4.4 4.4 4.2 3.8 3.3 2.6 2.0 1.3