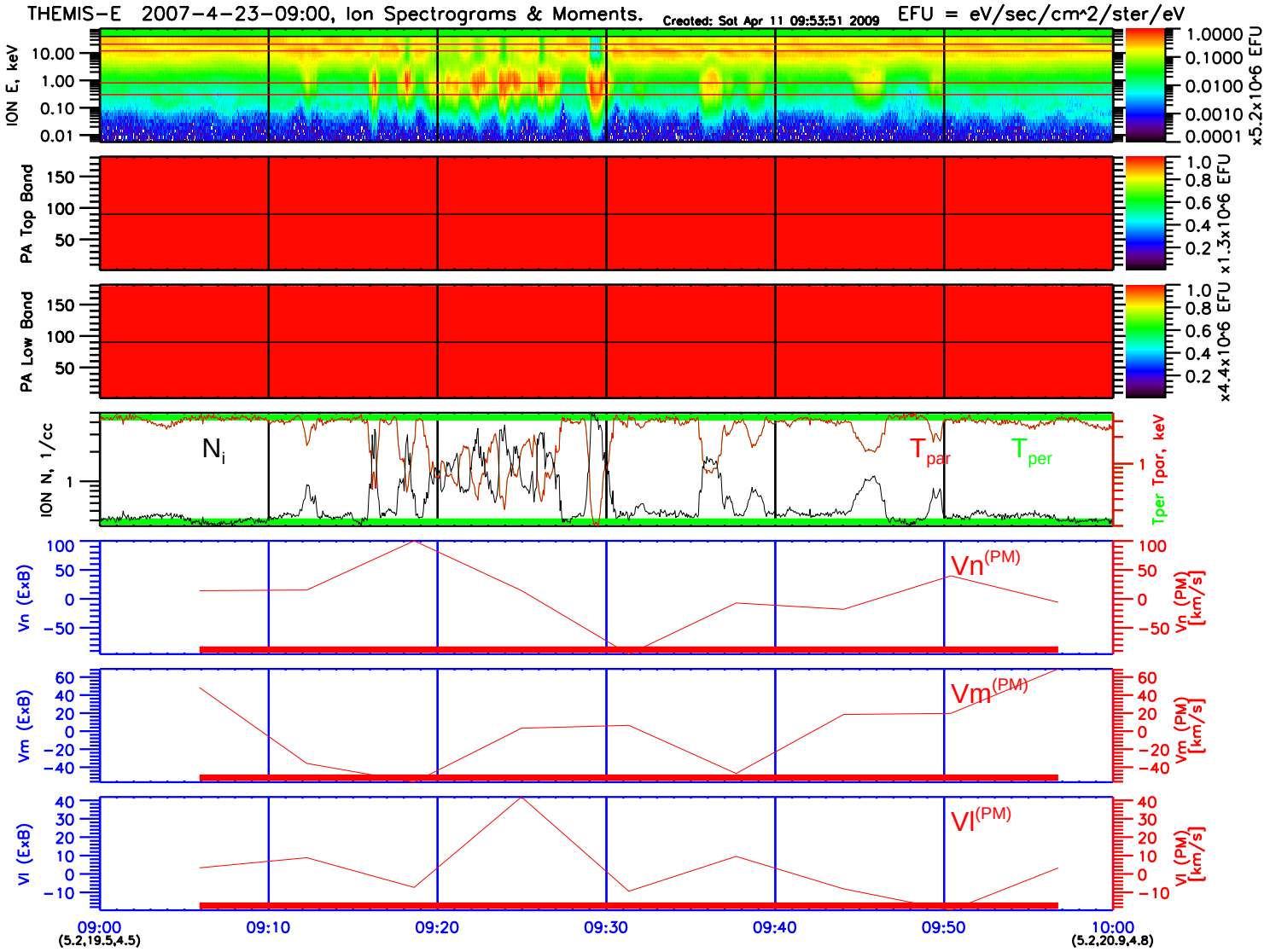
THEMIS-E 2007-4-23-09:00, Ion Spectrograms & Moments.
Created: Sat Apr 11 09:53:51 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
10.00
1.00
0.10
0.01
1.0000
0.1000
0.0100
0.0010
0.0001
x5.2x10^6 EFU
PA Top Band
150
100
50
1.0
0.8
0.6
0.4
0.2
x1.3x10^6 EFU
PA Low Band
150
100
50
1.0
0.8
0.6
0.4
0.2
x4.4x10^6 EFU
ION N, 1/cc
1
N_i
T_par
T_per
Tper Tpar, keV
1
Vn (ExB)
100
50
0
−50
Vn^(PM)
Vn (PM) [km/s]
100
50
0
−50
Vm (ExB)
60
40
20
0
−20
−40
Vm^(PM)
Vm (PM) [km/s]
60
40
20
0
−20
−40
Vl (ExB)
40
30
20
10
0
−10
Vl^(PM)
Vl (PM) [km/s]
40
30
20
10
0
−10
09:00
(5.2,19.5,4.5)
09:10
09:20
09:30
09:40
09:50
10:00
(5.2,20.9,4.8)