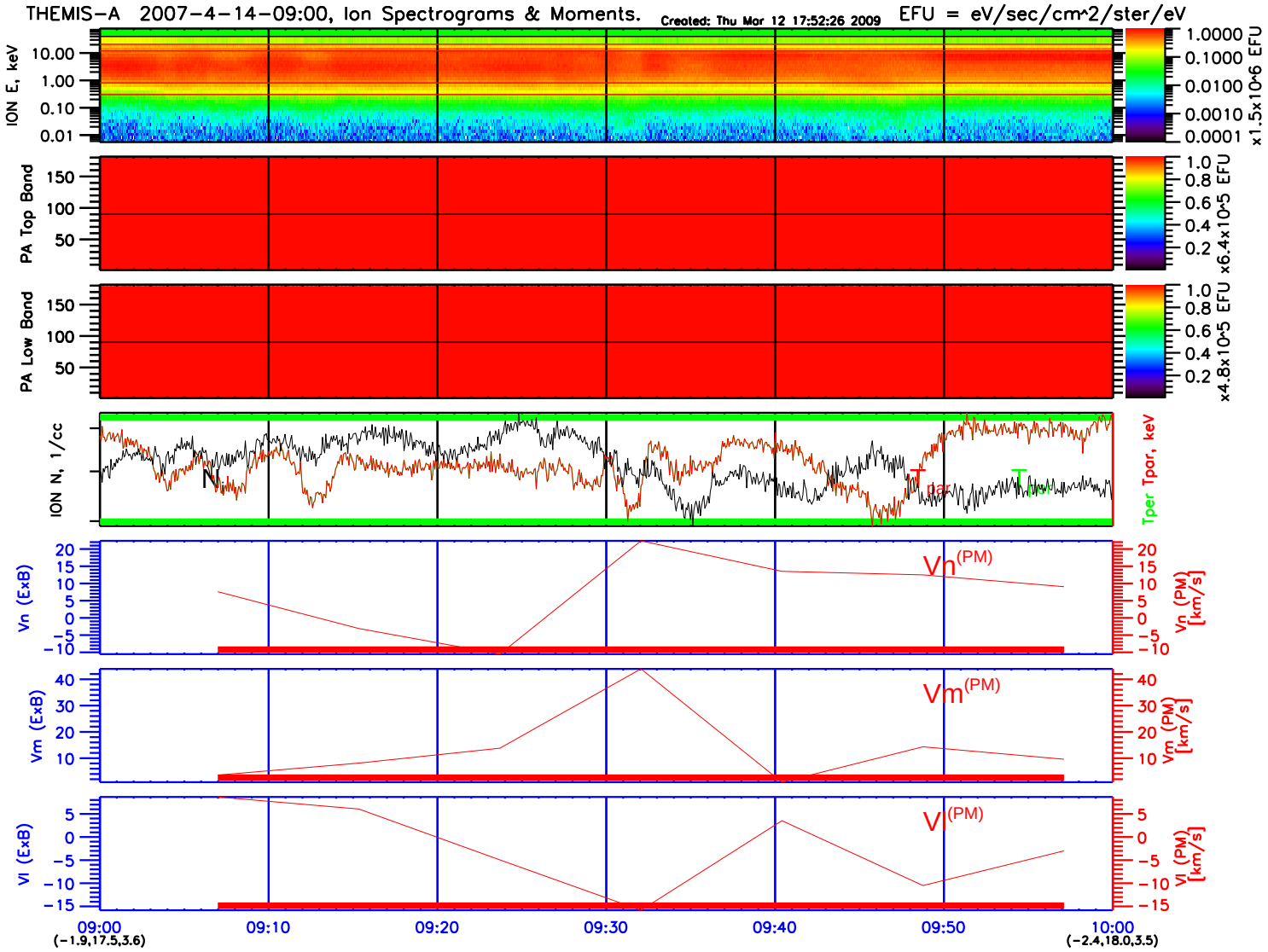
THEMIS-A 2007-4-14-09:00, Ion Spectrograms & Moments.
Created: Thu Mar 12 17:52:26 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
10.00
1.00
0.10
0.01
1.0000
0.1000
0.0100
0.0010
0.0001
x1.5x10^6 EFU
PA Top Band
150
100
50
1.0
0.8
0.6
0.4
0.2
x6.4x10^5 EFU
PA Low Band
150
100
50
1.0
0.8
0.6
0.4
0.2
x4.8x10^5 EFU
ION N, 1/cc
N
T par
T per
Tper Tpar, keV
Vn (ExB)
20
15
10
5
0
−5
−10
Vn(PM)
Vn (PM) [km/s]
Vm (ExB)
40
30
20
10
Vm(PM)
Vm (PM) [km/s]
Vl (ExB)
5
0
−5
−10
−15
Vl(PM)
Vl (PM) [km/s]
09:00
(−1.9,17.5,3.6)
09:10
09:20
09:30
09:40
09:50
10:00
(−2.4,18.0,3.5)