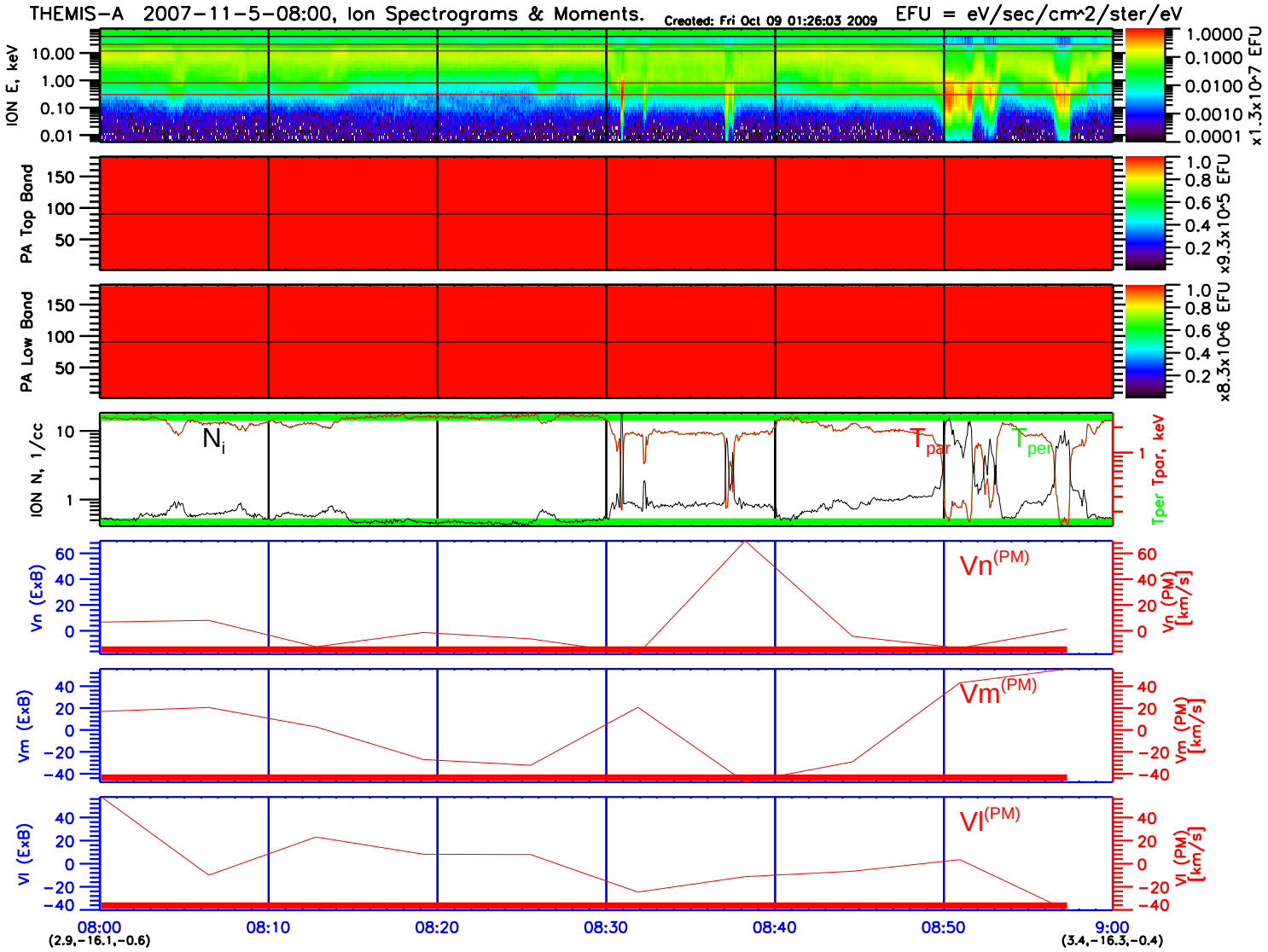
THEMIS-A 2007-11-5-08:00, Ion Spectrograms & Moments.
Created: Fri Oct 09 01:26:03 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
10.00
1.00
0.10
0.01
1.0000
0.1000
0.0100
0.0010
0.0001
x1.3x10^7 EFU
PA Top Band
150
100
50
1.0
0.8
0.6
0.4
0.2
x9.3x10^5 EFU
PA Low Band
150
100
50
1.0
0.8
0.6
0.4
0.2
x8.3x10^6 EFU
ION N, 1/cc
10
1
N_i
T_par
T_per
Tper Tpar, keV
1
Vn (ExB)
60
40
20
0
Vn^(PM)
Vn (PM) [km/s]
60
40
20
0
Vm (ExB)
40
20
0
−20
−40
Vm^(PM)
Vm (PM) [km/s]
40
20
0
−20
−40
Vl (ExB)
40
20
0
−20
−40
Vl^(PM)
Vl (PM) [km/s]
40
20
0
−20
−40
08:00
(2.9,−16.1,−0.6)
08:10
08:20
08:30
08:40
08:50
9:00
(3.4,−16.3,−0.4)