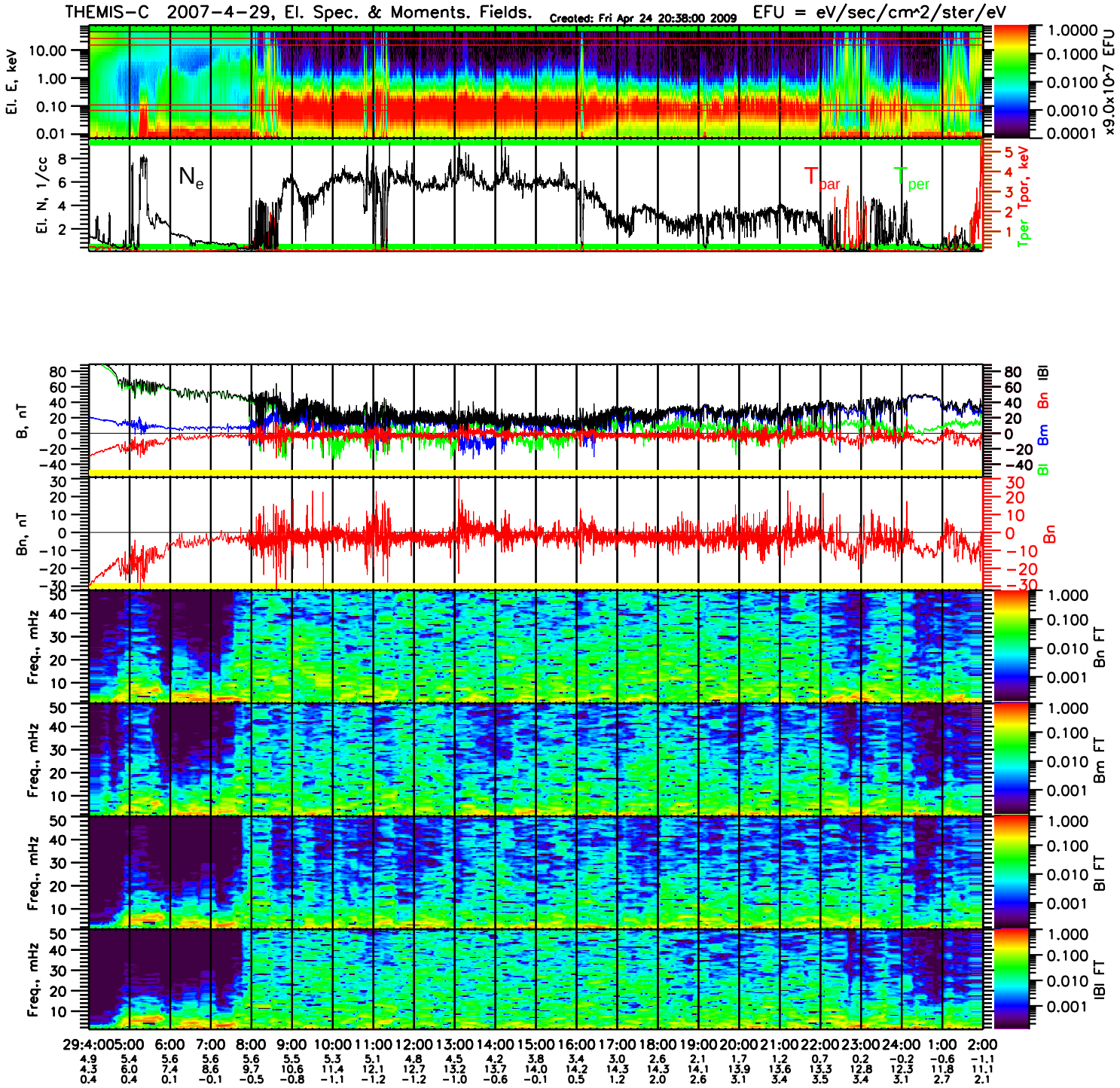
THEMIS-C 2007-4-29, El. Spec. & Moments. Fields.
Created: Fri Apr 24 20:38:00 2009
EFU = eV/sec/cm^2/ster/eV
El. E, keV
10.00
1.00
0.10
0.01
1.0000
0.1000
0.0100
0.0010
0.0001
x9.0x10^7 EFU
El. N, 1/cc
8
6
4
2
Ne
Tpar
Tper
5
4
3
2
1
Tper Tpar, keV
B, nT
80
60
40
20
0
-20
-40
IBI
Bn
Bm
Bl
Bn, nT
30
20
10
0
-10
-20
-30
Bn
Freq., mHz
50
40
30
20
10
1.000
0.100
0.010
0.001
Bn FT
Bm FT
Bl FT
IBI FT
29:4:00 5:00 6:00 7:00 8:00 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
4.9 5.4 5.6 5.6 5.6 5.5 5.3 5.1 4.8 4.5 4.2 3.8 3.4 3.0 2.6 2.1 1.7 1.2 0.7 0.2 -0.2 -0.6 -1.1
4.3 6.0 7.4 8.6 9.7 10.6 11.4 12.1 12.7 13.2 13.7 14.0 14.2 14.3 14.3 14.1 13.9 13.6 13.3 12.8 12.3 11.8 11.1
0.4 0.4 0.1 -0.1 -0.5 -0.8 -1.1 -1.2 -1.2 -1.0 -0.6 -0.1 0.5 1.2 2.0 2.6 3.1 3.4 3.5 3.4 3.1 2.7 2.1