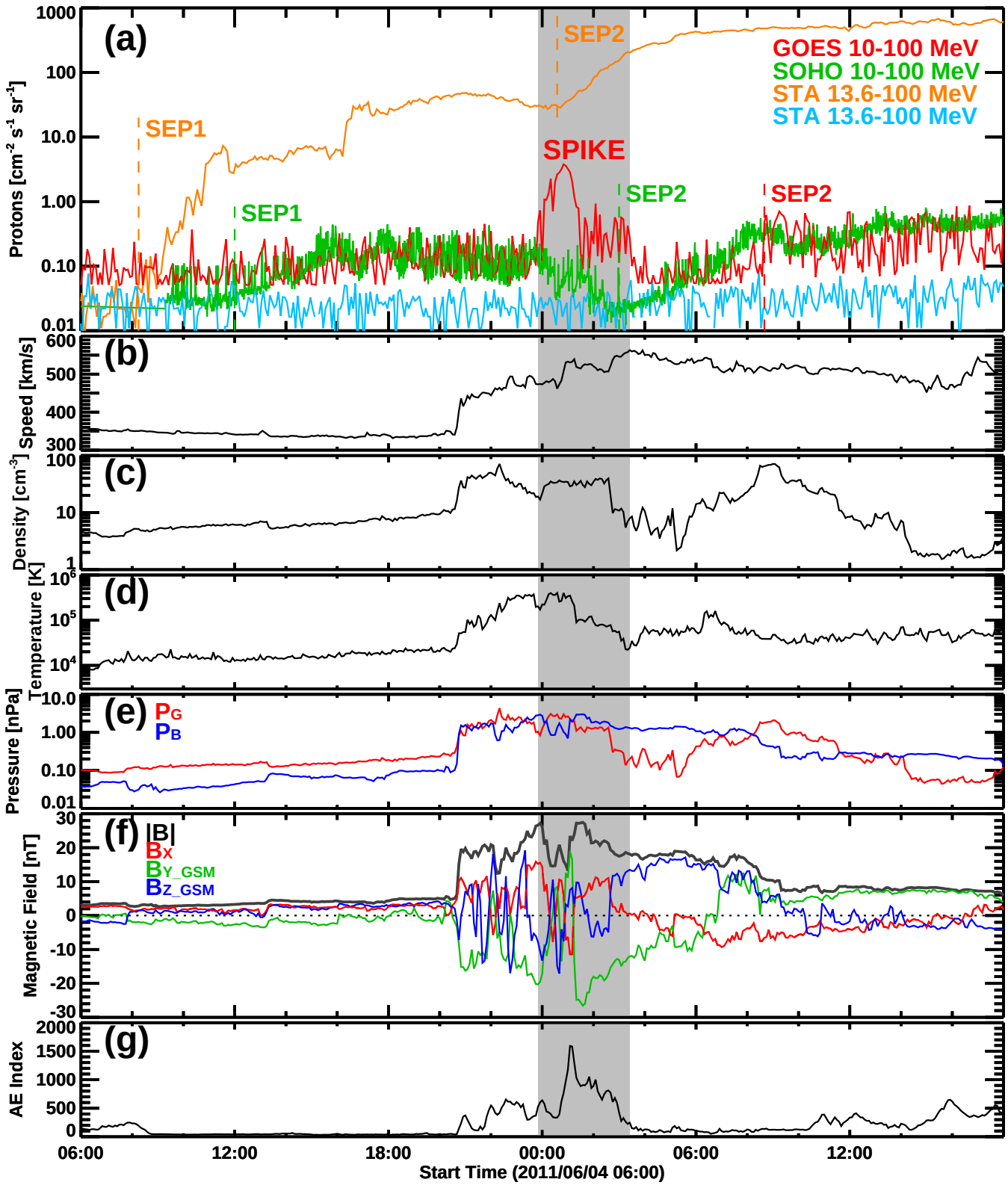
(a)
SEP1
SEP2
SPIKE
SEP1
SEP2
SEP2
GOES 10-100 MeV
SOHO 10-100 MeV
STA 13.6-100 MeV
STA 13.6-100 MeV
Protons [cm-2 s-1 sr-1]
1000
100
10.0
1.00
0.10
0.01
(b)
Speed [km/s]
600
500
400
300
(c)
Density [cm-3]
100
10
1
(d)
Temperature [K]
10^6
10^5
10^4
(e)
PG
PB
Pressure [nPa]
10.0
1.00
0.10
0.01
(f)
|B|
BX
BY_GSM
BZ_GSM
Magnetic Field [nT]
30
20
10
0
-10
-20
-30
(g)
AE Index
2000
1500
1000
500
0
06:00
12:00
18:00
00:00
06:00
12:00
Start Time (2011/06/04 06:00)