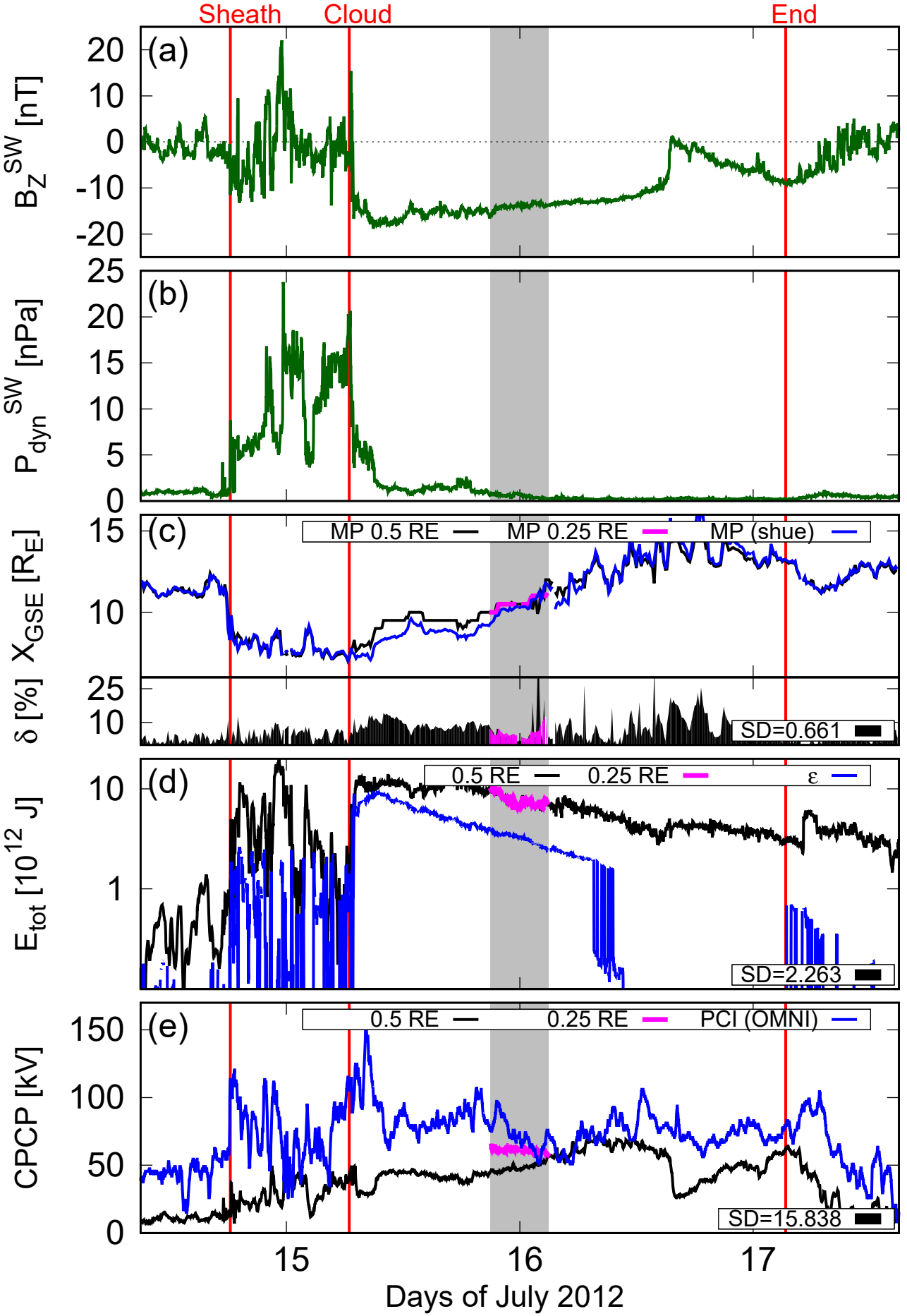
Sheath
Cloud
End
(a)
B_Z^{SW} [nT]
20
10
0
-10
-20
(b)
P_{dyn}^{SW} [nPa]
25
20
15
10
5
0
(c)
MP 0.5 RE
MP 0.25 RE
MP (shue)
X_{GSE} [R_E]
15
10
δ [%]
25
10
SD=0.661
(d)
0.5 RE
0.25 RE
ε
E_{tot} [10^{12} J]
10
1
SD=2.263
(e)
0.5 RE
0.25 RE
PCI (OMNI)
CPCP [kV]
150
100
50
0
SD=15.838
15
16
17
Days of July 2012