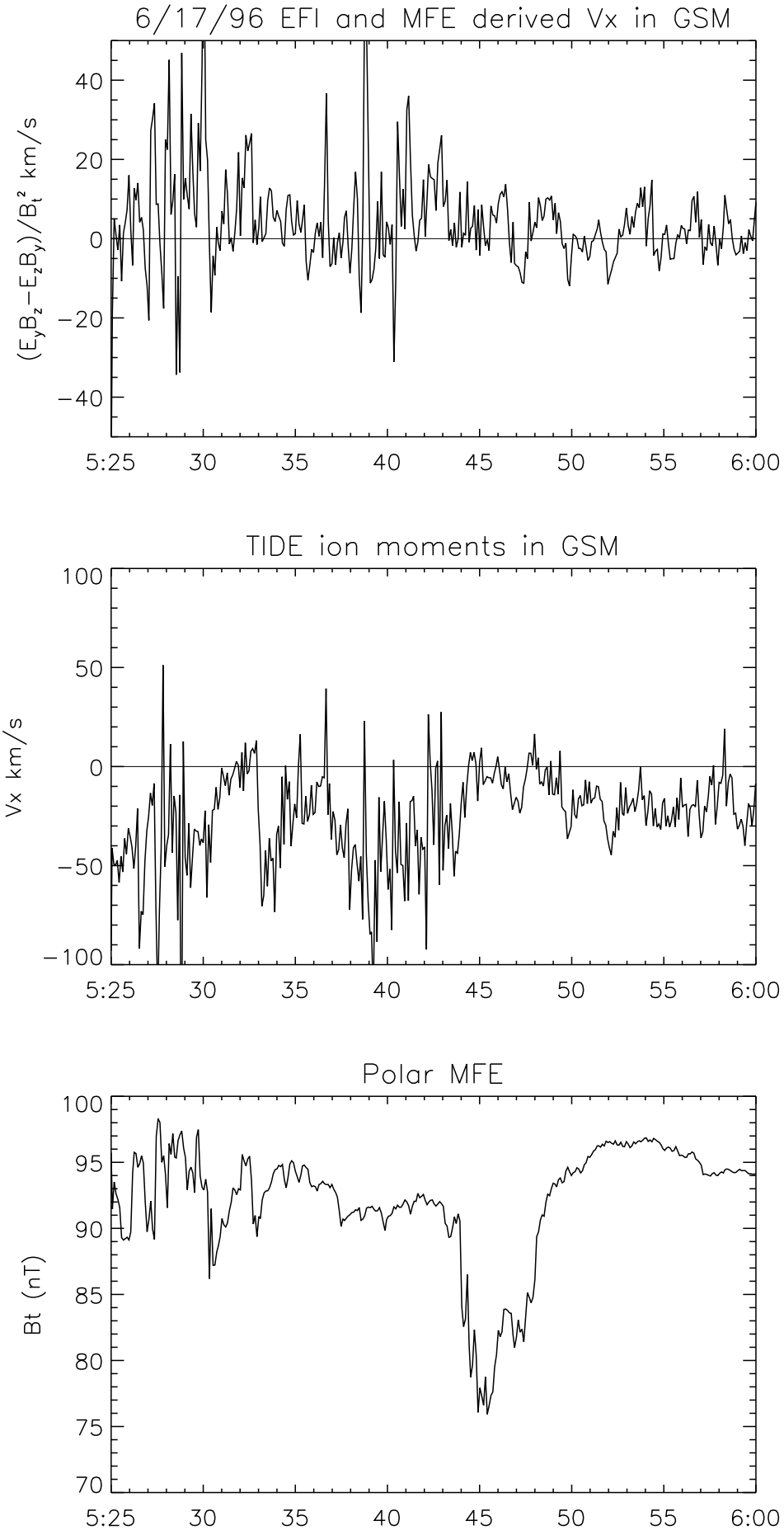
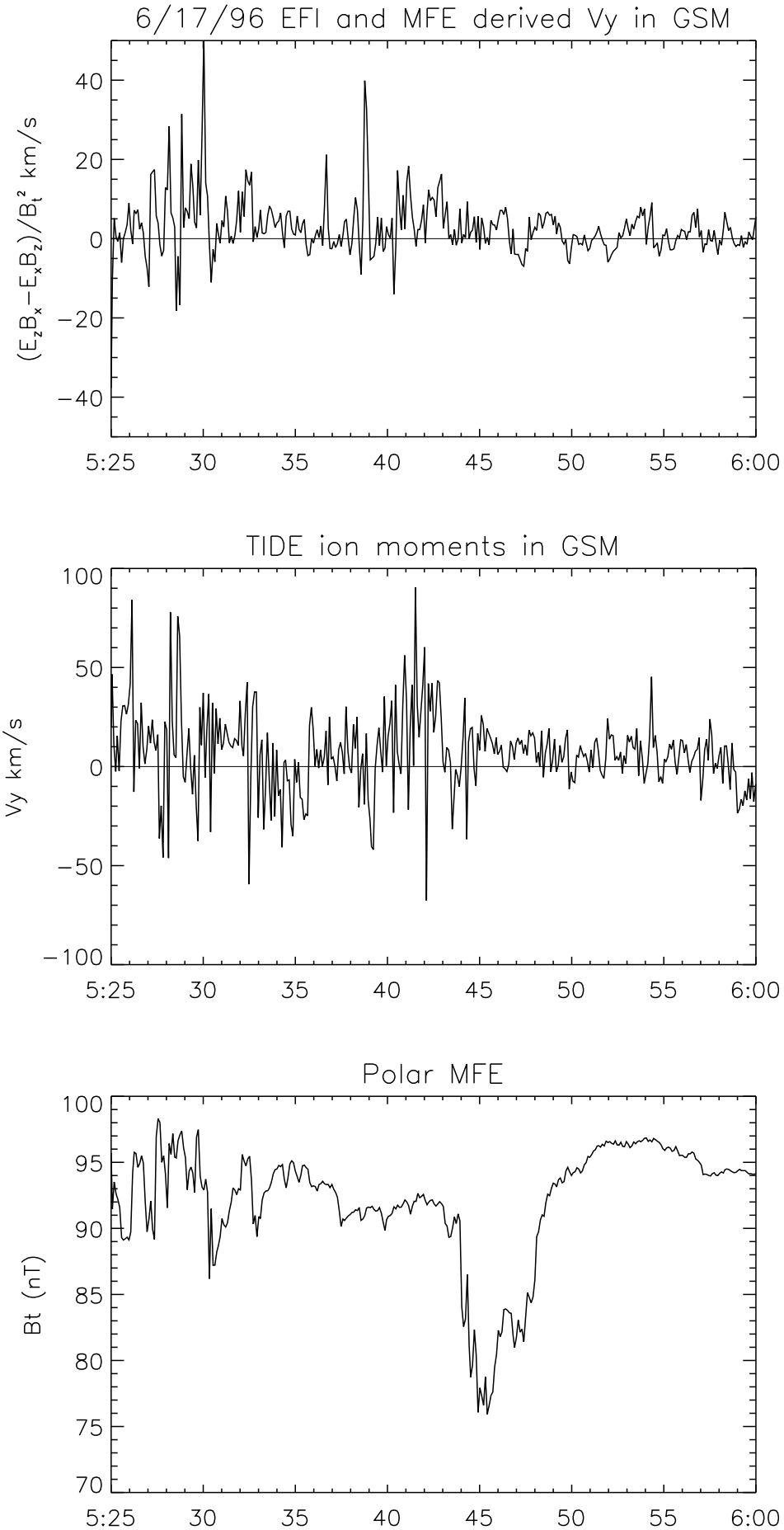
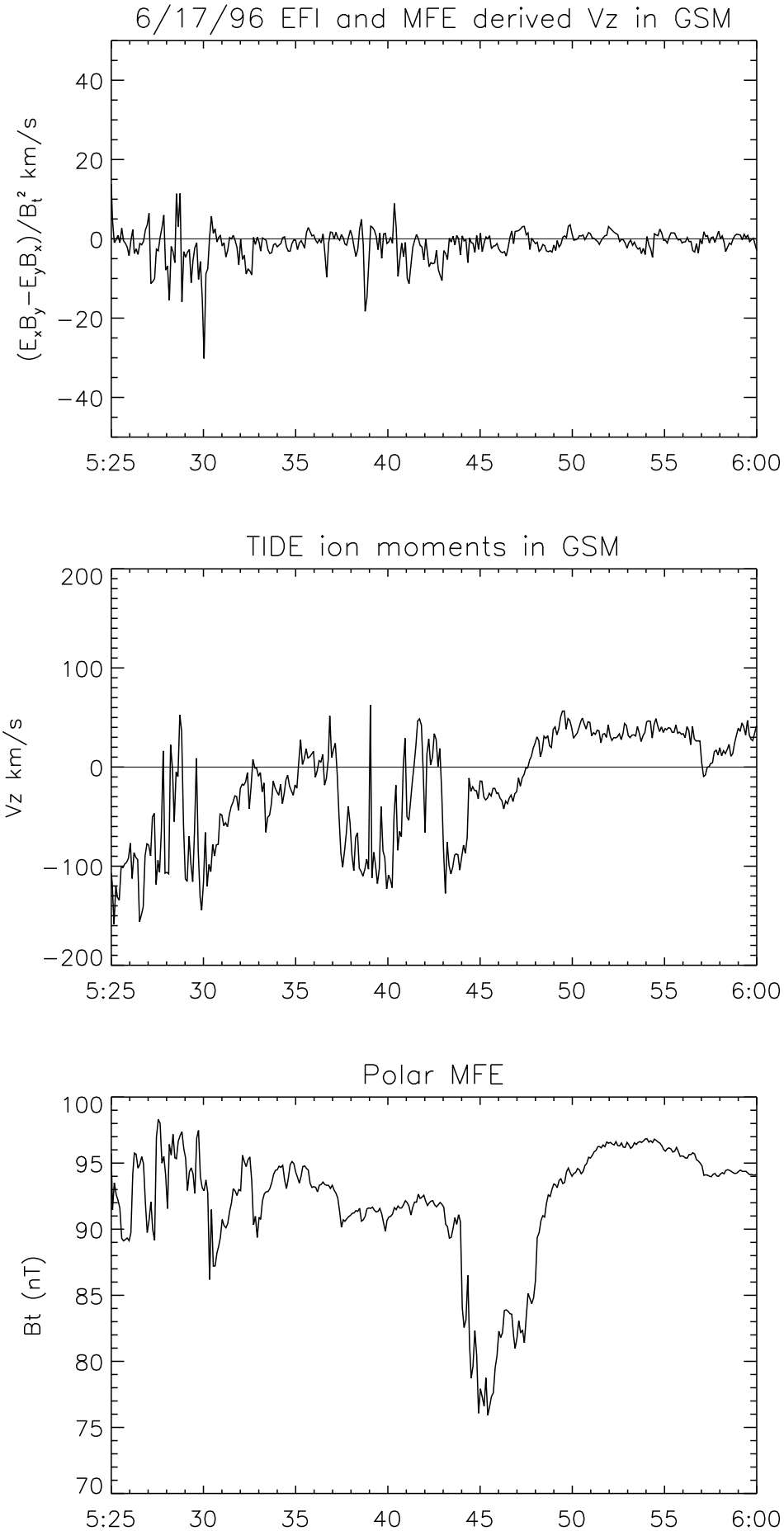

6/17/96 EFI and MFE derived Vx in GSM
$(E_yB_z - E_zB_y)/B_t^2$ km/s
40
20
0
−20
−40
5:25
30
35
40
45
50
55
6:00
TIDE ion moments in GSM
Vx km/s
100
50
0
−50
−100
5:25
30
35
40
45
50
55
6:00
Polar MFE
Bt (nT)
100
95
90
85
80
75
70
5:25
30
35
40
45
50
55
6:00


6/17/96 EFI and MFE derived Vy in GSM
$(E_zB_x - E_xB_z)/B_t^2$ km/s
40
20
0
−20
−40
5:25
30
35
40
45
50
55
6:00
TIDE ion moments in GSM
Vy km/s
100
50
0
−50
−100
5:25
30
35
40
45
50
55
6:00
Polar MFE
Bt (nT)
100
95
90
85
80
75
70
5:25
30
35
40
45
50
55
6:00


6/17/96 EFI and MFE derived Vz in GSM
$(E_xB_y - E_yB_x)/B_t^2$ km/s
40
20
0
−20
−40
5:25
30
35
40
45
50
55
6:00
TIDE ion moments in GSM
Vz km/s
200
100
0
−100
−200
5:25
30
35
40
45
50
55
6:00
Polar MFE
Bt (nT)
100
95
90
85
80
75
70
5:25
30
35
40
45
50
55
6:00