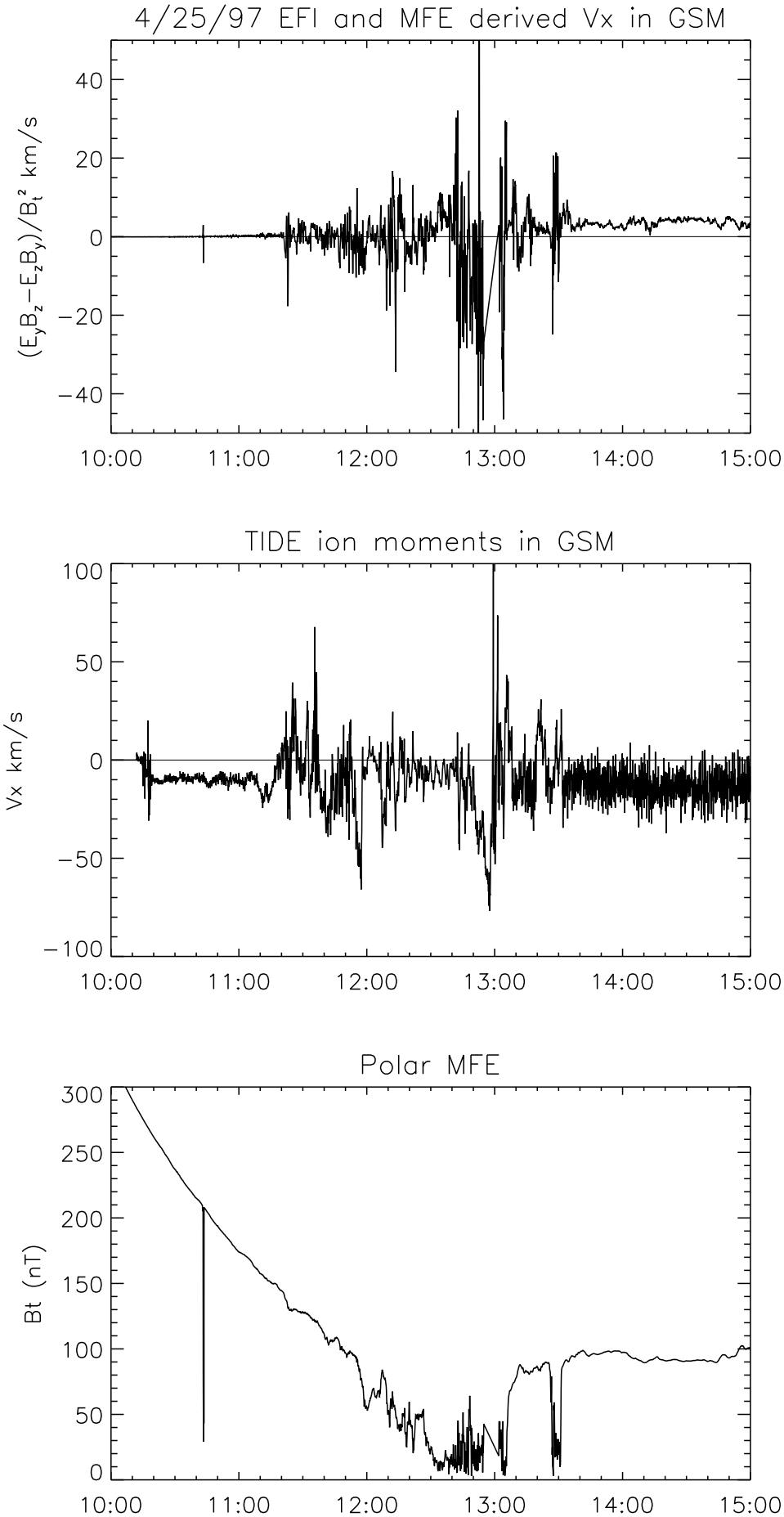
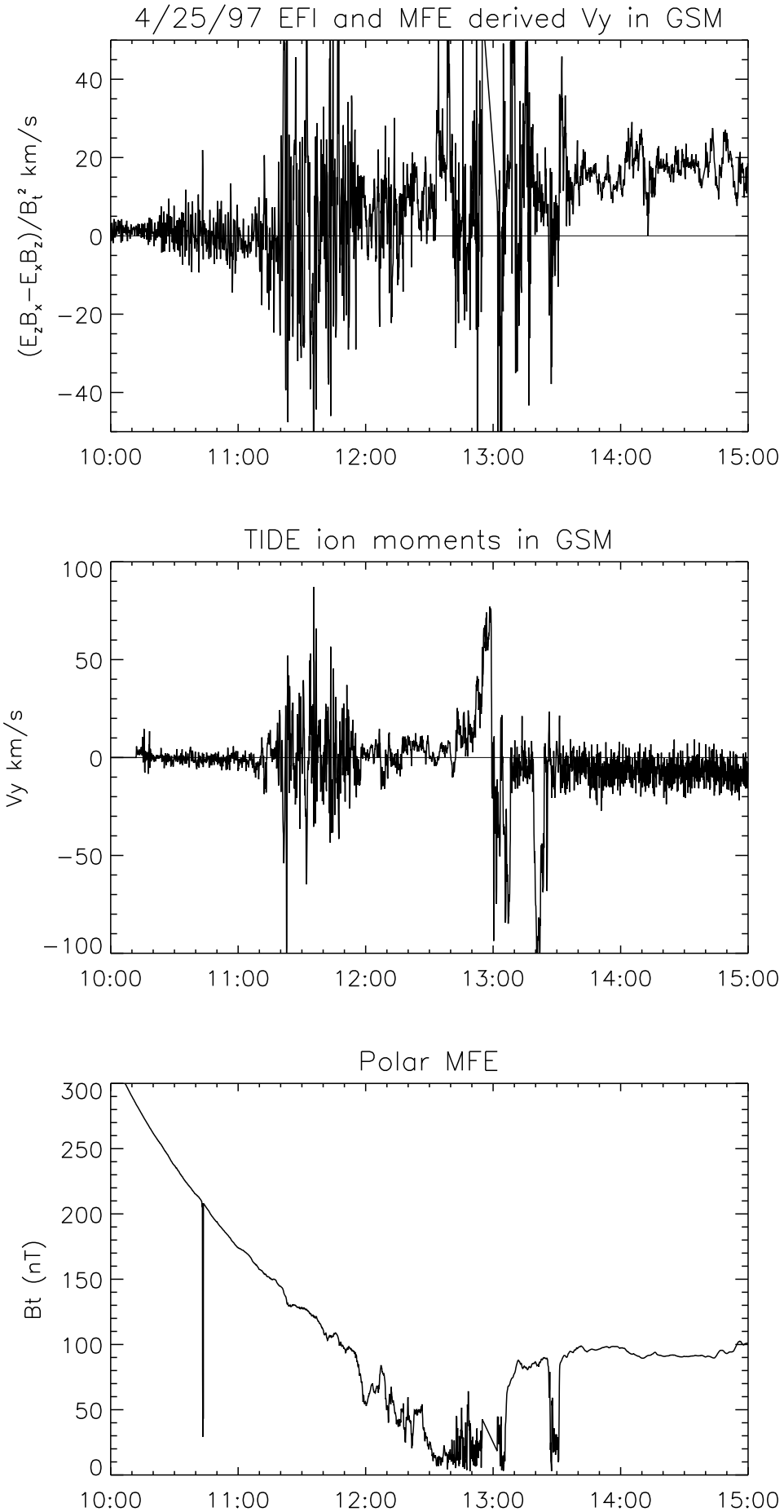
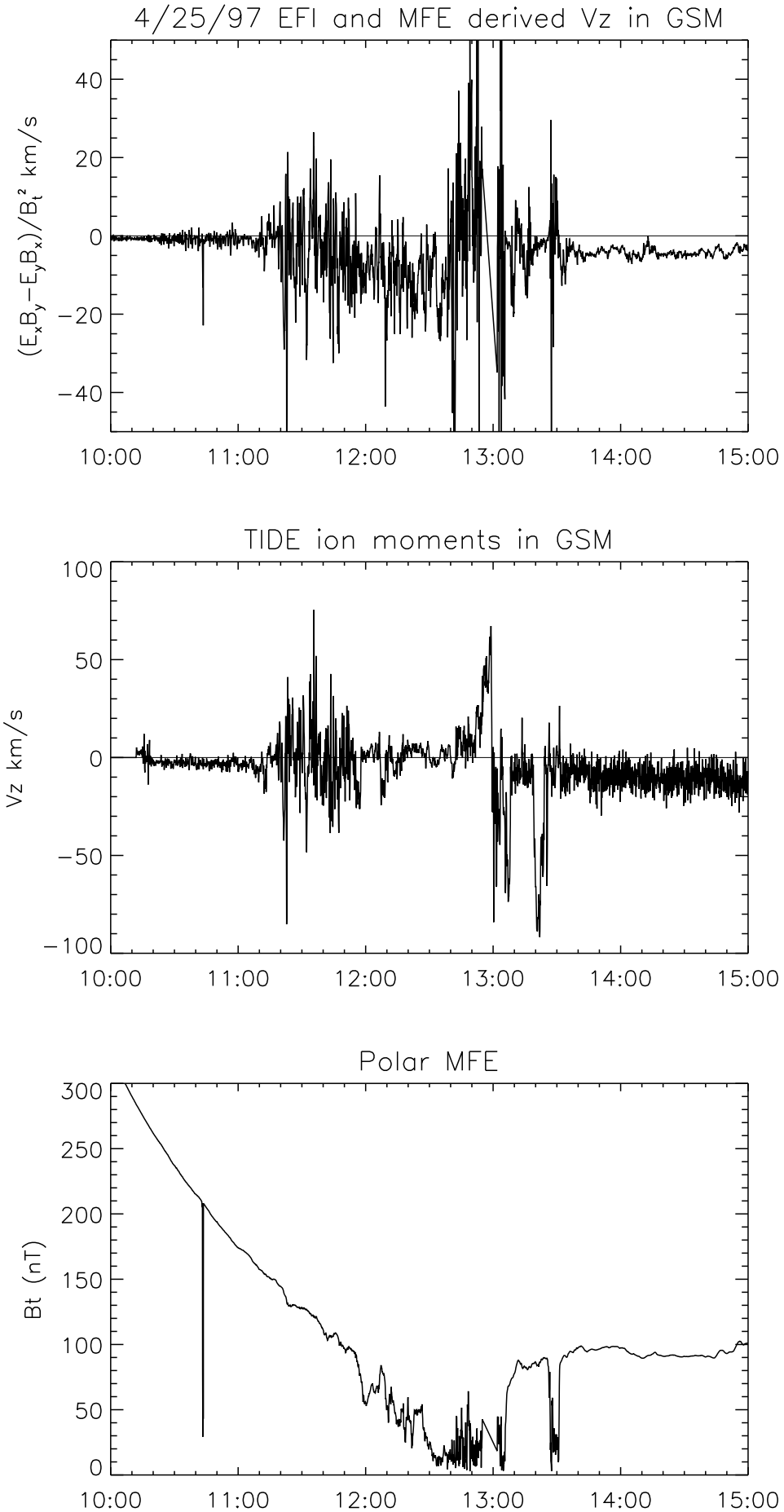

4/25/97 EFI and MFE derived Vx in GSM
$(E_yB_z - E_zB_y)/B_t^2$ km/s
40
20
0
−20
−40
10:00
11:00
12:00
13:00
14:00
15:00
TIDE ion moments in GSM
Vx km/s
100
50
0
−50
−100
10:00
11:00
12:00
13:00
14:00
15:00
Polar MFE
Bt (nT)
300
250
200
150
100
50
0
10:00
11:00
12:00
13:00
14:00
15:00


4/25/97 EFI and MFE derived Vy in GSM
$(E_zB_x - E_xB_z)/B_t^2$ km/s
40
20
0
−20
−40
10:00
11:00
12:00
13:00
14:00
15:00
TIDE ion moments in GSM
Vy km/s
100
50
0
−50
−100
10:00
11:00
12:00
13:00
14:00
15:00
Polar MFE
Bt (nT)
300
250
200
150
100
50
0
10:00
11:00
12:00
13:00
14:00
15:00


4/25/97 EFI and MFE derived Vz in GSM
$(E_xB_y - E_yB_x)/B_t^2$ km/s
40
20
0
−20
−40
10:00
11:00
12:00
13:00
14:00
15:00
TIDE ion moments in GSM
Vz km/s
100
50
0
−50
−100
10:00
11:00
12:00
13:00
14:00
15:00
Polar MFE
Bt (nT)
300
250
200
150
100
50
0
10:00
11:00
12:00
13:00
14:00
15:00