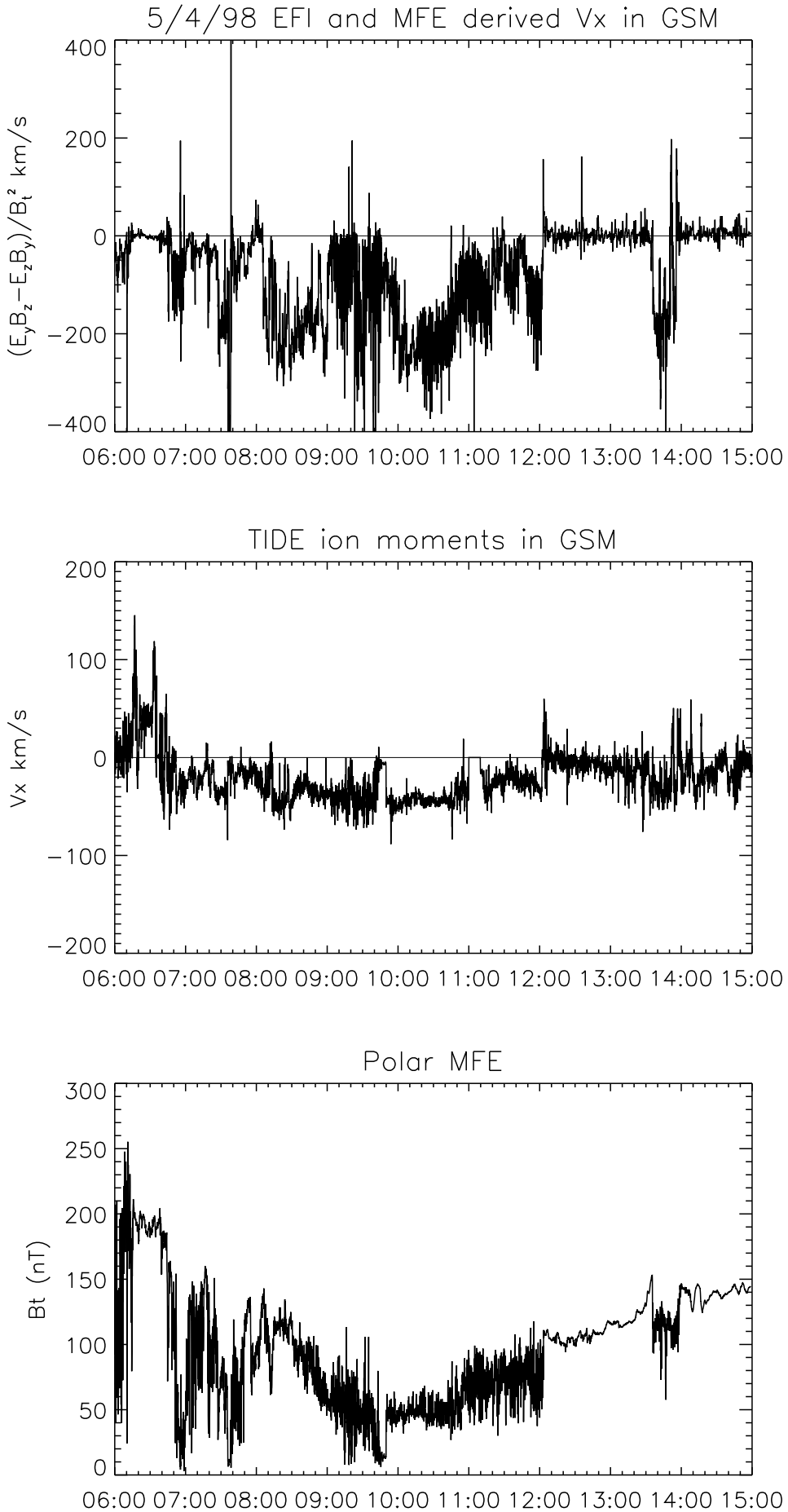
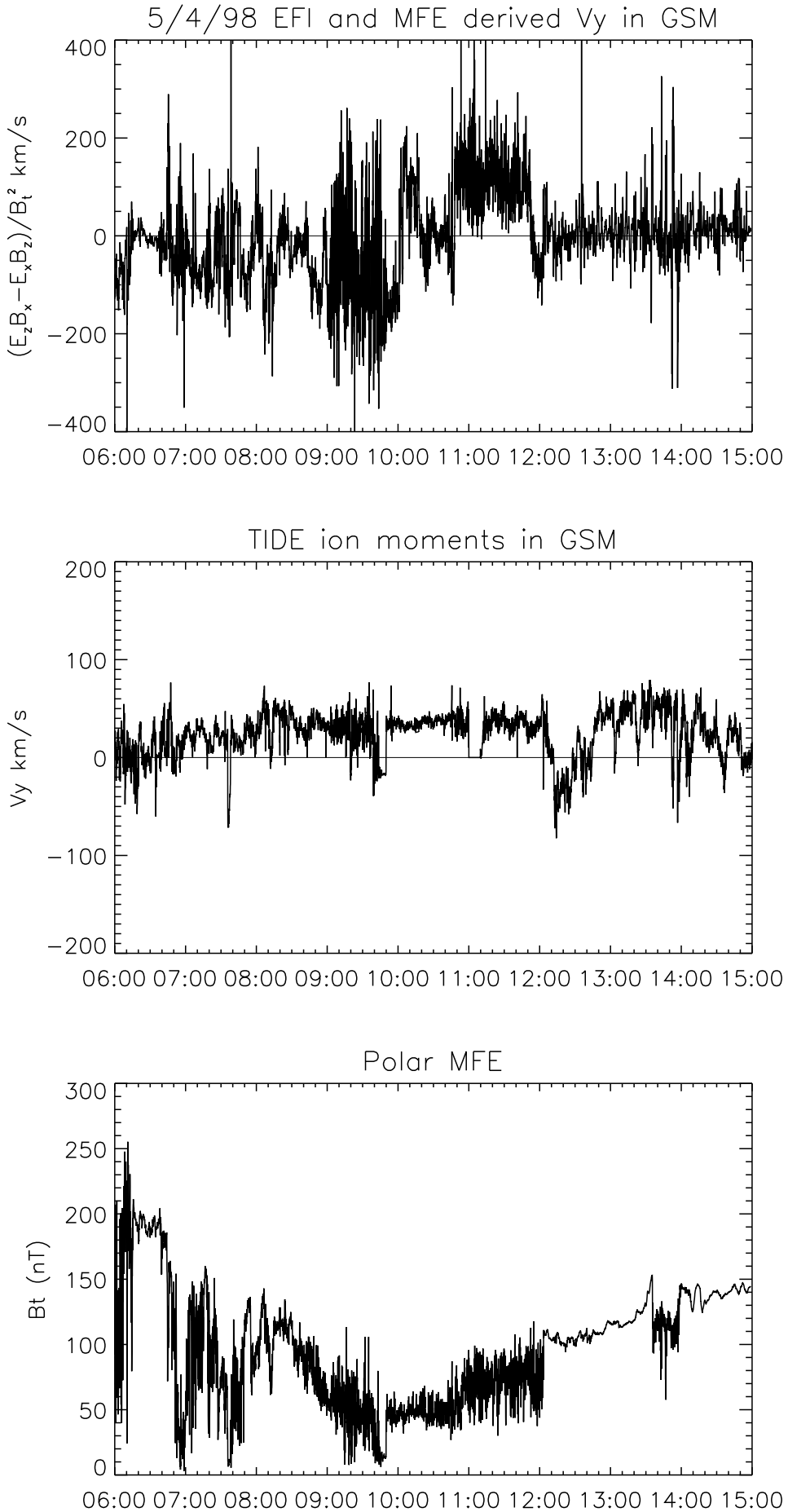
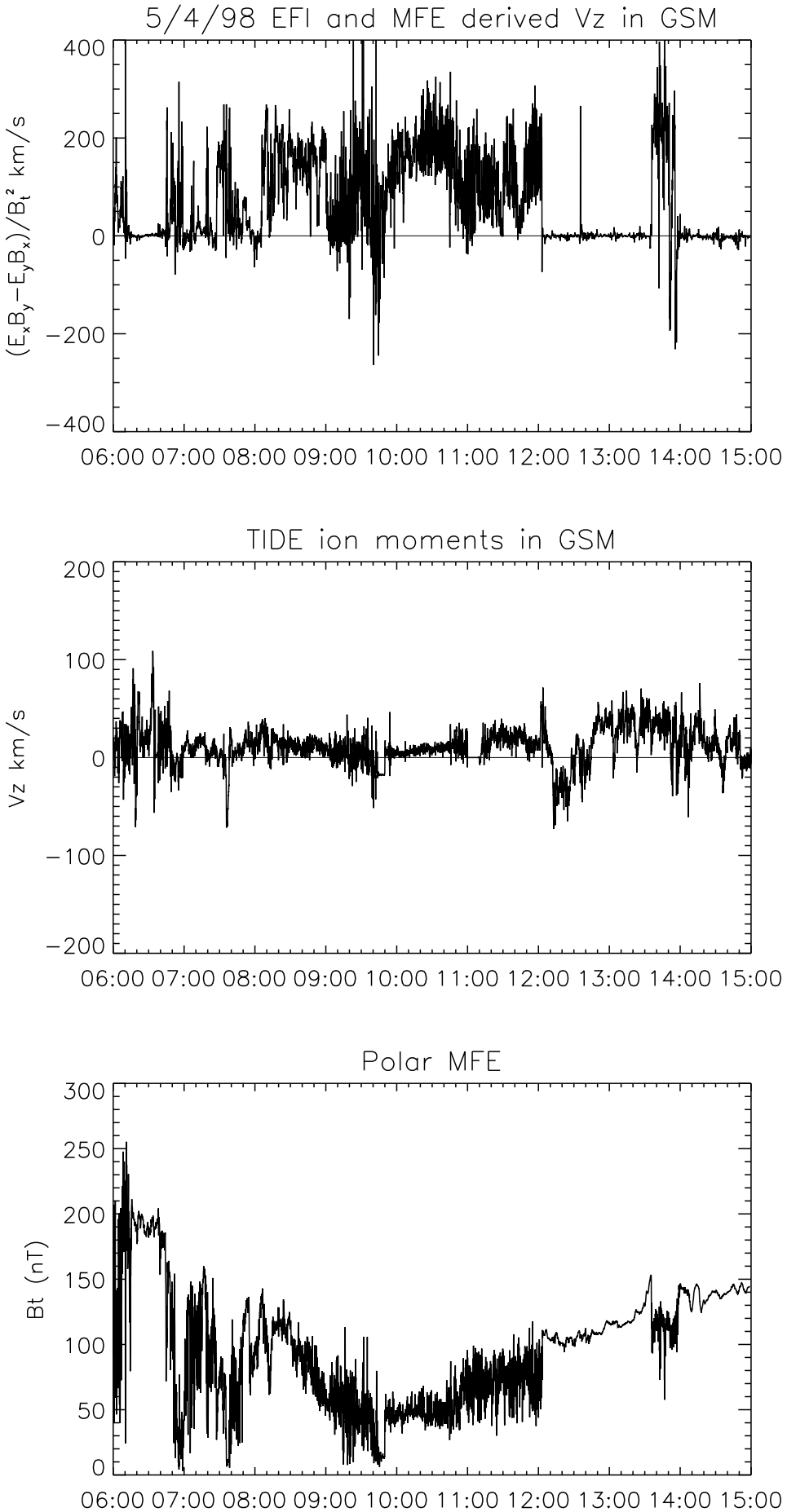

5/4/98 EFI and MFE derived Vx in GSM
$(E_yB_z-E_zB_y)/B_t^2$ km/s
400
200
0
−200
−400
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00
TIDE ion moments in GSM
Vx km/s
200
100
0
−100
−200
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00
Polar MFE
Bt (nT)
300
250
200
150
100
50
0
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00


5/4/98 EFI and MFE derived Vy in GSM
$(E_zB_x - E_xB_z)/B_t^2$ km/s
400
200
0
−200
−400
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00
TIDE ion moments in GSM
Vy km/s
200
100
0
−100
−200
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00
Polar MFE
Bt (nT)
300
250
200
150
100
50
0
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00


5/4/98 EFI and MFE derived Vz in GSM
$(E_xB_y-E_yB_x)/B_t^2$ km/s
400
200
0
−200
−400
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00
TIDE ion moments in GSM
Vz km/s
200
100
0
−100
−200
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00
Polar MFE
Bt (nT)
300
250
200
150
100
50
0
06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00