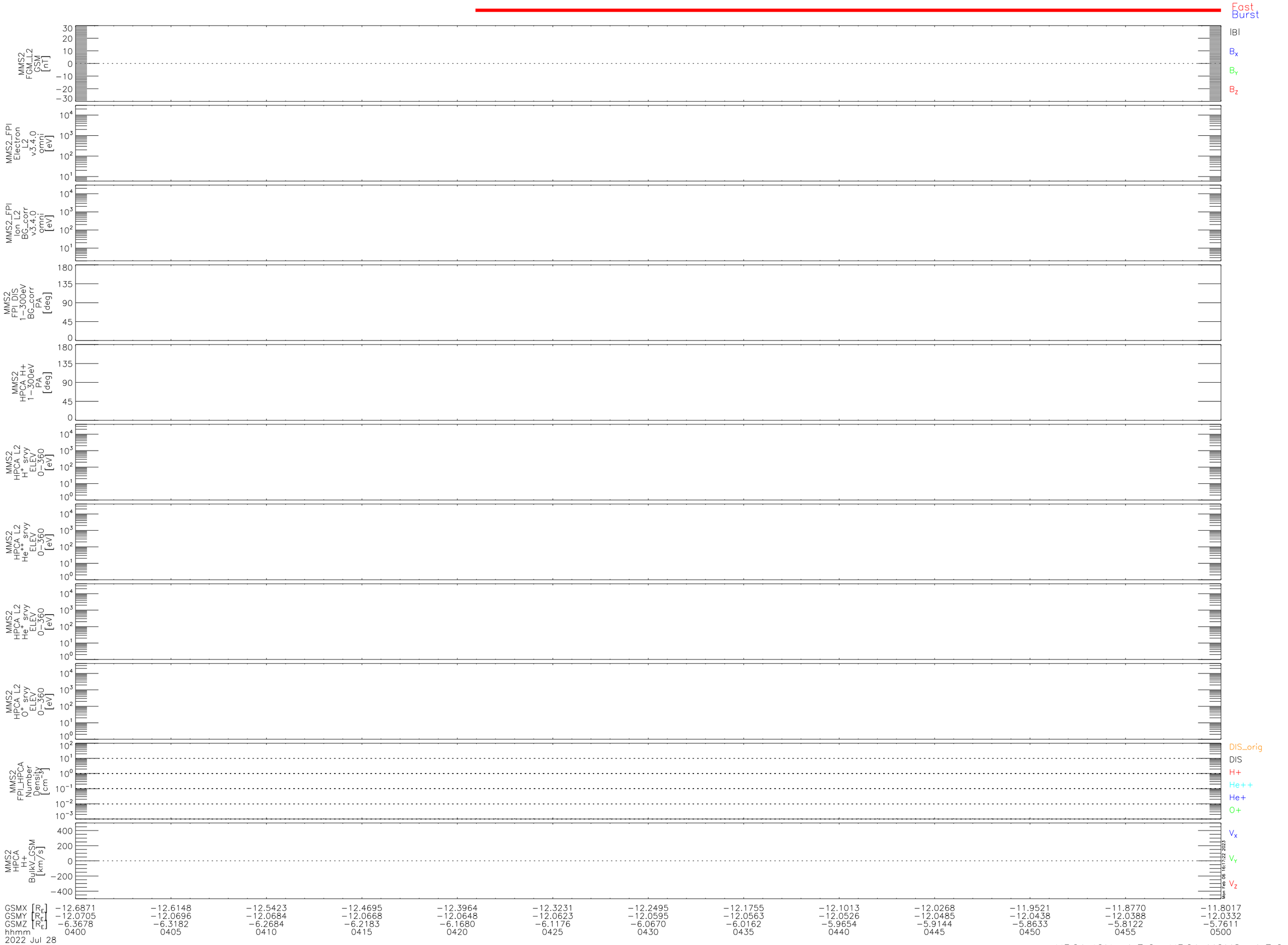
Fast
Burst
MMS2 FGM_L2 GSM [nT]
30
20
10
0
−10
−20
−30
|B|
B_x
B_y
B_z
MMS2_FPI Electron L2 v3.4.0 omni [eV]
MMS2_FPI Ion L2 BG_corr v3.4.0 omni [eV]
MMS2 FPI DIS 1−300eV BG_corr PA [deg]
MMS2 HPCA H+ 1−300eV PA [deg]
180
135
90
45
0
MMS2 HPCA L2 H^+ srvy ELEV 0−360 [eV]
MMS2 HPCA L2 He^{++} srvy ELEV 0−360 [eV]
MMS2 HPCA L2 He^+ srvy ELEV 0−360 [eV]
MMS2 HPCA L2 O^+ srvy ELEV 0−360 [eV]
10^4
10^3
10^2
10^1
10^0
MMS2 FPI_HPCA Number Density [cm^{-3}]
10^2
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
DIS_orig
DIS
H+
He++
He+
O+
MMS2 HPCA H+ BulkV_GSM [km/s]
400
200
0
−200
−400
V_x
V_y
V_z
Mon Feb 06 16:17:22 2023
GSMX [R_E] −12.6871 −12.6148 −12.5423 −12.4695 −12.3964 −12.3231 −12.2495 −12.1755 −12.1013 −12.0268 −11.9521 −11.8770 −11.8017
GSMY [R_E] −12.0705 −12.0696 −12.0684 −12.0668 −12.0648 −12.0623 −12.0595 −12.0563 −12.0526 −12.0485 −12.0438 −12.0388 −12.0332
GSMZ [R_E] −6.3678 −6.3182 −6.2684 −6.2183 −6.1680 −6.1176 −6.0670 −6.0162 −5.9654 −5.9144 −5.8633 −5.8122 −5.7611
hhmm 0400 0405 0410 0415 0420 0425 0430 0435 0440 0445 0450 0455 0500
2022 Jul 28
HPCA_ION v4.3.2 HPCA_MOMS v4.3.2