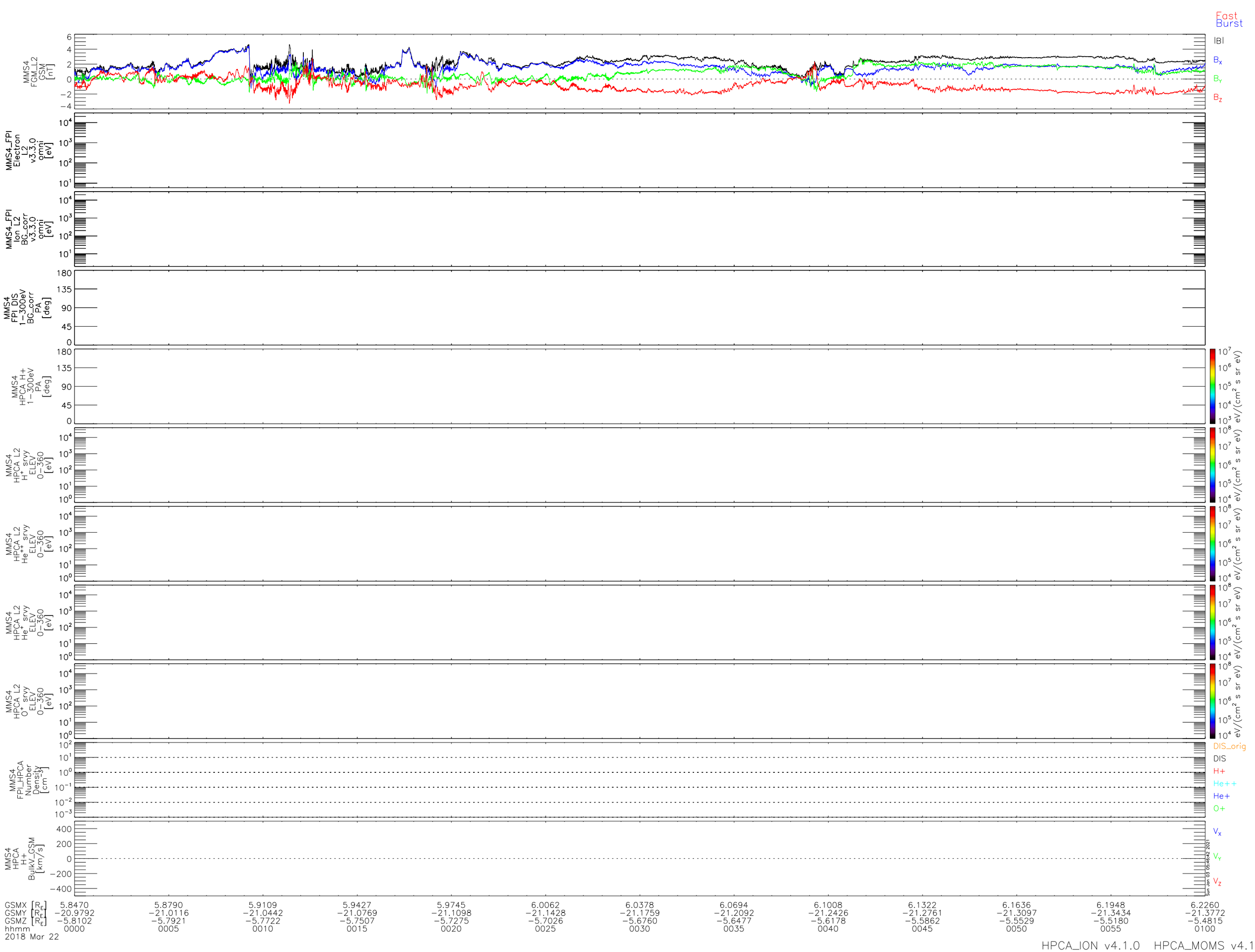
Fast
Burst
MMS4 FGM_L2 GSM [nT]
6
4
2
0
−2
−4
IBI
B_x
B_y
B_z
MMS4_FPI Electron L2 v3.3.0 omni [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS4 FPI DIS 1−300eV BG_corr PA [deg]
180
135
90
45
0
MMS4 HPCA H+ 1−300eV PA [deg]
MMS4 HPCA L2 H+ srvy ELEV 0−360 [eV]
MMS4 HPCA L2 He++ srvy ELEV 0−360 [eV]
MMS4 HPCA L2 He+ srvy ELEV 0−360 [eV]
MMS4 HPCA L2 O+ srvy ELEV 0−360 [eV]
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
eV/(cm^2 s sr eV)
MMS4 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+
MMS4 HPCA H+ BulkV_GSM [km/s]
400
200
0
−200
−400
V_x
V_Y
V_z
Sun Jan 03 05:46:42 2021
GSMX [R_E] 5.8470 5.8790 5.9109 5.9427 5.9745 6.0062 6.0378 6.0694 6.1008 6.1322 6.1636 6.1948 6.2260
GSMY [R_E] −20.9792 −21.0116 −21.0442 −21.0769 −21.1098 −21.1428 −21.1759 −21.2092 −21.2426 −21.2761 −21.3097 −21.3434 −21.3772
GSMZ [R_E] −5.8102 −5.7921 −5.7722 −5.7507 −5.7275 −5.7026 −5.6760 −5.6477 −5.6178 −5.5862 −5.5529 −5.5180 −5.4815
hhmm 0000 0005 0010 0015 0020 0025 0030 0035 0040 0045 0050 0055 0100
2018 Mar 22
HPCA_ION v4.1.0 HPCA_MOMS v4.1.0