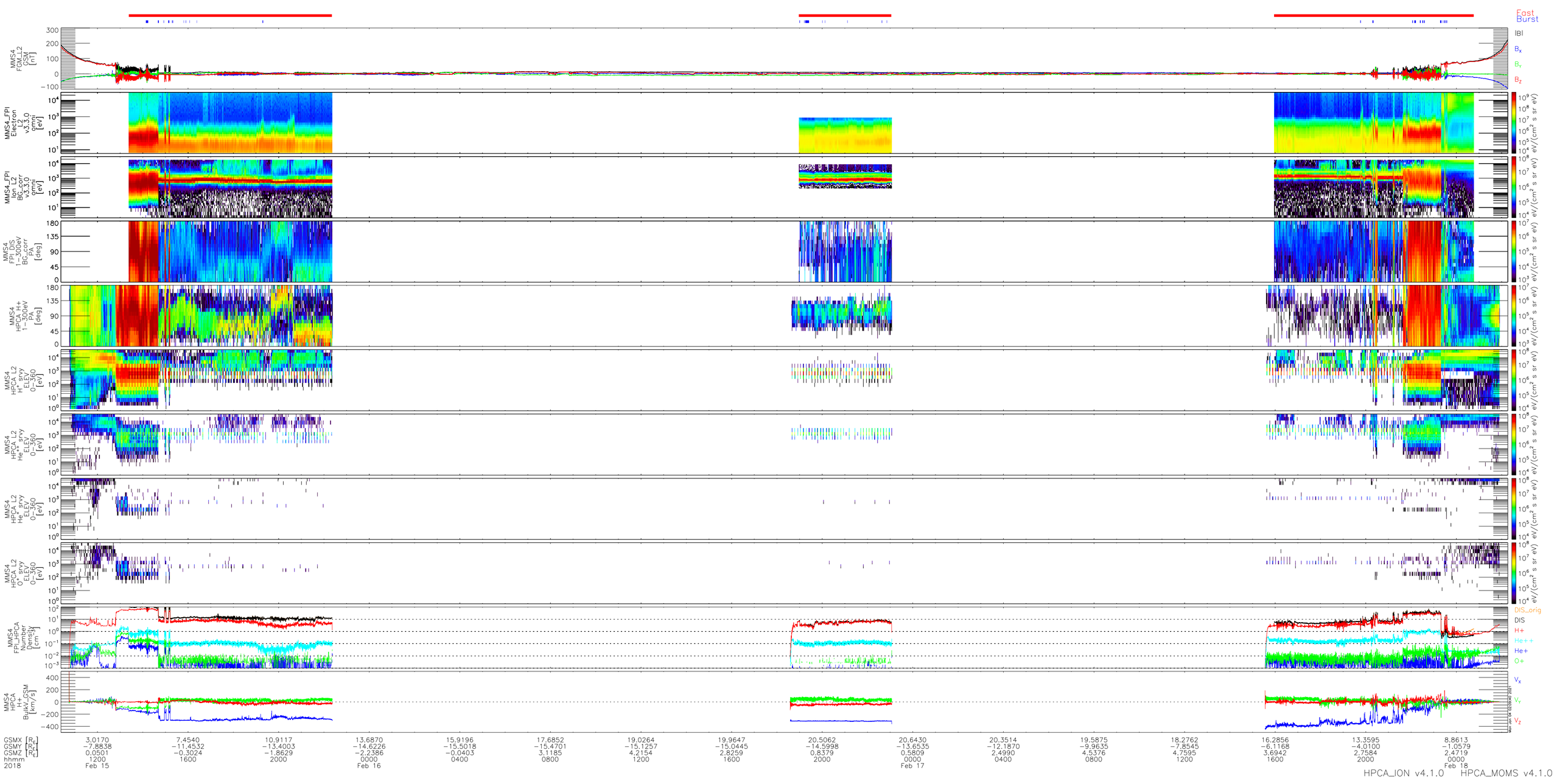
Fast
Burst
MMS4 FGM_L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS4_FPI Electron L2 v3.3.0 Comm [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 Comm [eV]
MMS4 FPI DIS ~300eV BG_corr PA [deg]
MMS4 HPCA H+ 1~30keV PA [deg]
MMS4 HPCA L2 H^+ srvy ELEV 0~360 [eV]
MMS4 HPCA L2 He^{++} srvy ELEV 0~360 [eV]
MMS4 HPCA L2 He^+ srvy ELEV 0~360 [eV]
MMS4 HPCA L2 O^+ srvy ELEV 0~360 [eV]
eV/(cm^2 s sr eV)
MMS4 FPI/HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+
MMS4 HPCA H+ Bulk V GSM [km/s]
V_x
V_y
V_z
Mon Jan 04 02:56:42 2021
GSMX [R_E] 3.0170 7.4540 10.9117 13.6870 15.9196 17.6852 19.0264 19.9647 20.5062 20.6430 20.3514 19.5875 18.2762 16.2856 13.3595 8.8613
GSMY [R_E] −7.8838 −11.4532 −14.4003 −14.6226 −15.5018 −15.4701 −15.1257 −15.0445 −14.5998 −13.6535 −12.1870 −9.9635 −7.8545 −6.1168 −4.0100 −1.0579
GSMZ [R_E] 0.0501 −0.3024 −1.8629 −2.2386 −0.0403 3.1185 4.2154 2.8259 0.8379 0.5809 2.4990 4.5376 4.7595 3.6942 2.7584 2.4719
hhmm 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000
2018 Feb 15 Feb 16 Feb 17 Feb 18
HPCA_ION v4.1.0 HPCA_MOMS v4.1.0