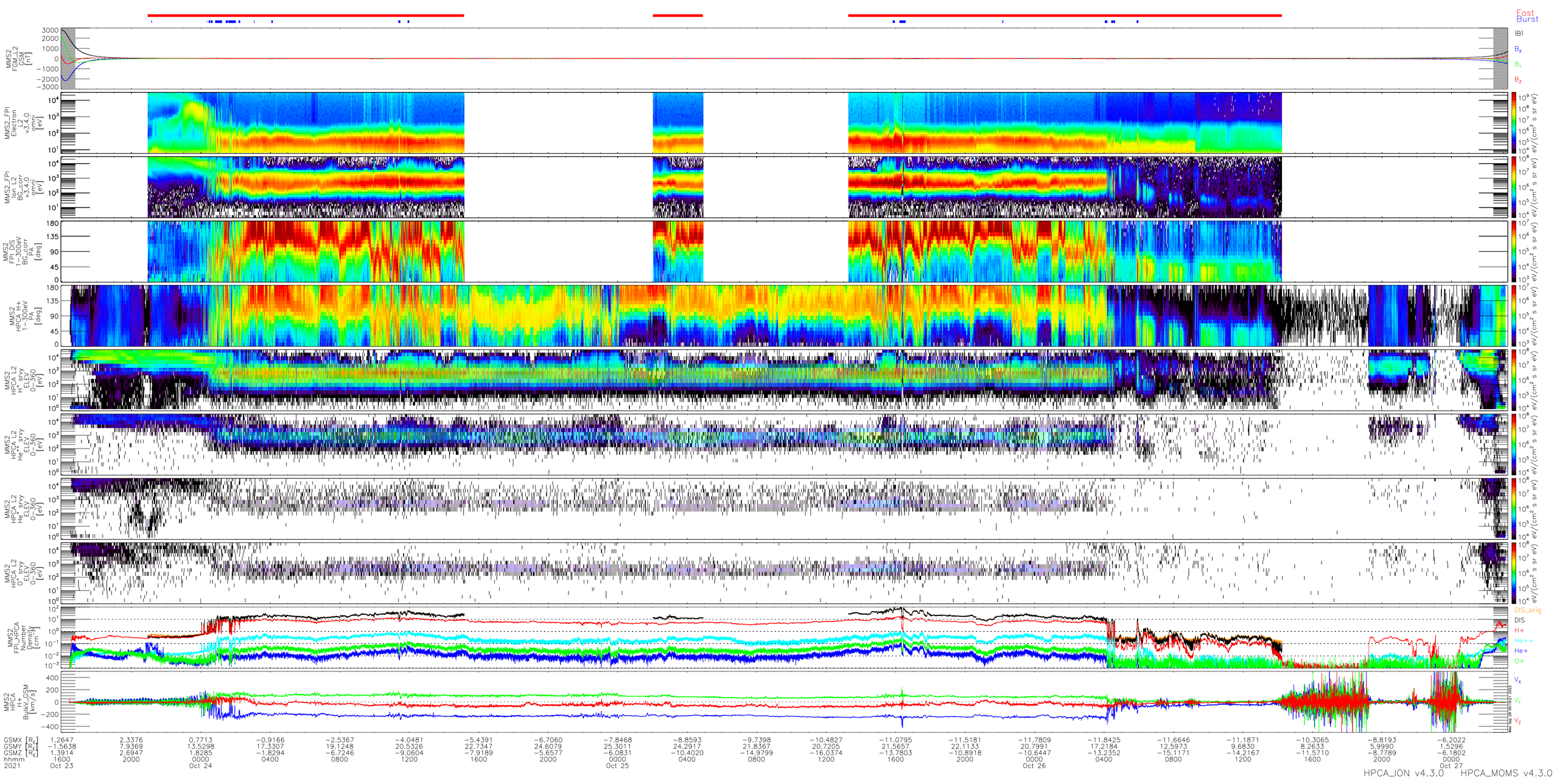
Fast
Burst
MMS2 FGM_L2 GSM [nT]
IBI
B_x
B_y
B_z
MMS2_FPI Electron L2 v3.4.0 omni [eV]
MMS2_FPI Ion L2 BG_corr v3.4.0 omni [eV]
MMS2 FPI DIS 1-30keV BG_corr PA [deg]
MMS2 HPCA H+ 1-30keV PA [deg]
MMS2 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS2 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS2 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS2 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)
MMS2 FPI/HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+
MMS2 HPCA H+ Bulk V_GSM [km/s]
V_x
V_y
V_z
Wed Sep 08 09:19:21 2021
GSMX [R_E] 1.2647 2.3376 0.7713 −0.9166 −2.5367 −4.0481 −5.4391 −6.7060 −7.8468 −8.8593 −9.7398 −10.4827 −11.0795 −11.5181 −11.7809 −11.8425 −11.6646 −11.1871 −10.3065 −8.8193 −6.2022
GSMY [R_E] −1.5638 7.9369 13.5298 17.3307 19.1248 20.5326 22.7347 24.6079 25.3011 24.2917 21.8367 20.7205 21.5657 22.1133 20.7991 17.2184 12.5973 9.6830 8.2633 5.9990 1.5296
GSMZ [R_E] 1.3914 2.6947 1.8285 −1.8294 −6.7246 −9.0604 −7.9189 −5.6577 −6.0831 −10.4020 −14.9799 −16.0374 −13.7803 −10.8918 −10.6447 −13.2352 −15.1171 −14.2167 −11.5710 −8.7789 −6.1802
hhmm 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000
2021 Oct 23 Oct 24 Oct 25 Oct 26 Oct 27
HPCA_ION v4.3.0 HPCA_MOMS v4.3.0