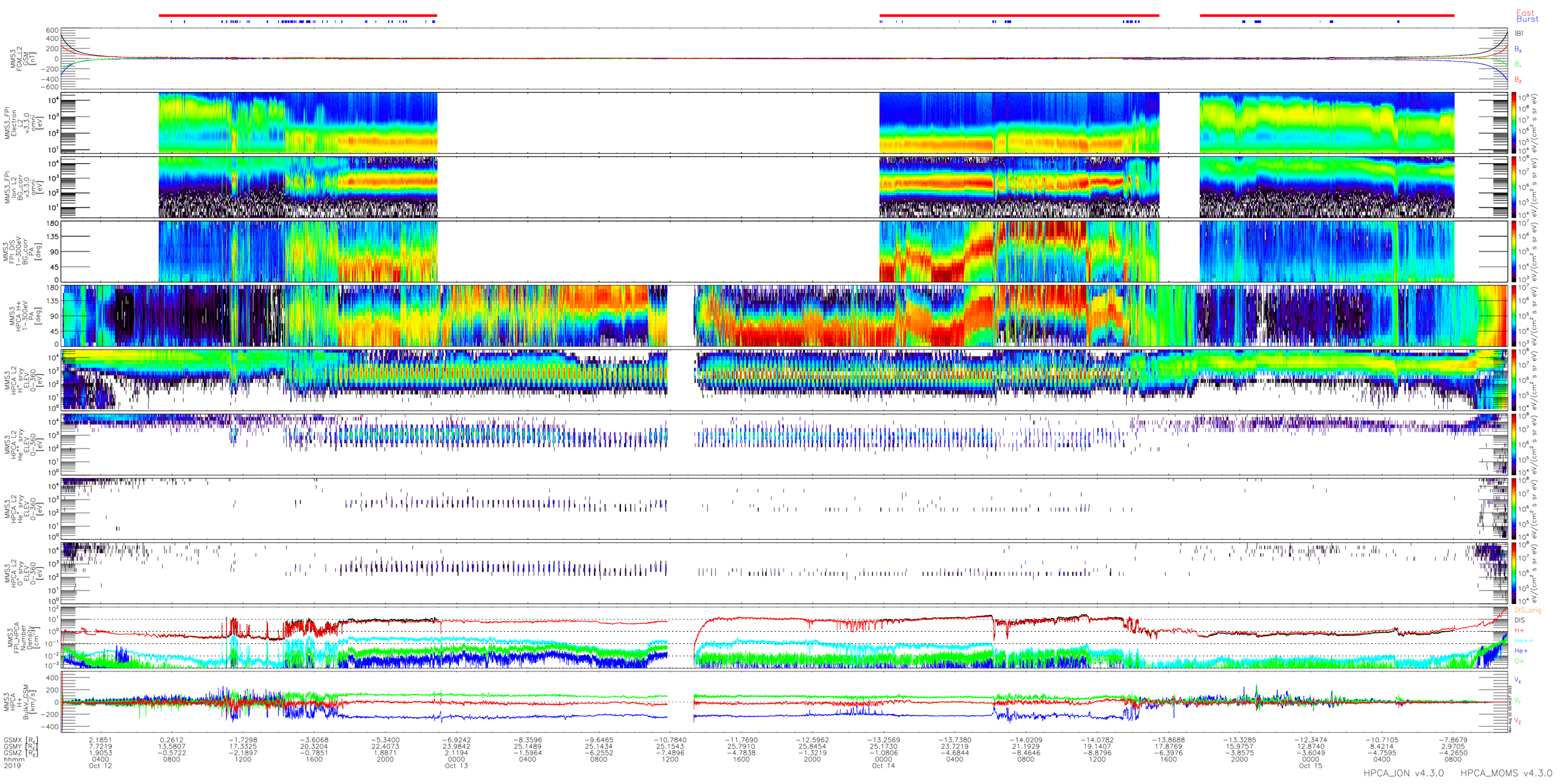
Fast
Burst
MMS3 FGM_L2 GSM [nT]
IBI
B_x
B_y
B_z
MMS3_FPI Electron L2 v3.3.0 Omni [eV]
MMS3_FPI Ion L2 BG_corr v3.3.0 Omni [eV]
MMS3 FPI DIS L=300eV BG_corr PA [deg]
MMS3 HPCA H+ L=300eV PA [deg]
MMS3 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm² s sr eV)
MMS3 FPI DIS HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS3 HPCA H+ Bulk V GSM [km/s]
V_x
V_y
V_z
Mon Aug 22 00:44:27 2022
GSMX [Re]
GSMY [Re]
GSMZ [Re]
hhmm
2019
2.1851 7.7219 1.9053 0400 Oct 12
0.2612 13.5807 −0.5722 0800
−1.7298 17.3325 −2.1897 1200
−3.6068 20.3204 −0.7851 1600
−5.3400 22.4073 1.8871 2000
−6.9242 23.9842 2.1194 0000 Oct 13
−8.3596 25.1489 −1.5964 0400
−9.6465 25.1434 −6.2552 0800
−10.7840 25.1543 −7.4896 1200
−11.7690 25.7910 −4.7838 1600
−12.5962 25.8454 −1.3219 2000
−13.2569 25.1730 −1.0806 0000 Oct 14
−13.7380 23.7219 −4.6844 0400
−14.0209 21.1929 −8.4646 0800
−14.0782 19.1407 −8.8796 1200
−13.8688 17.8769 −6.3976 1600
−13.3285 15.9757 −3.8575 2000
−12.3474 12.8740 −3.6049 0000 Oct 15
−10.7105 8.4214 −4.7595 0400
−7.8679 2.9705 −4.2650 0800
HPCA_ION v4.3.0
HPCA_MOMS v4.3.0