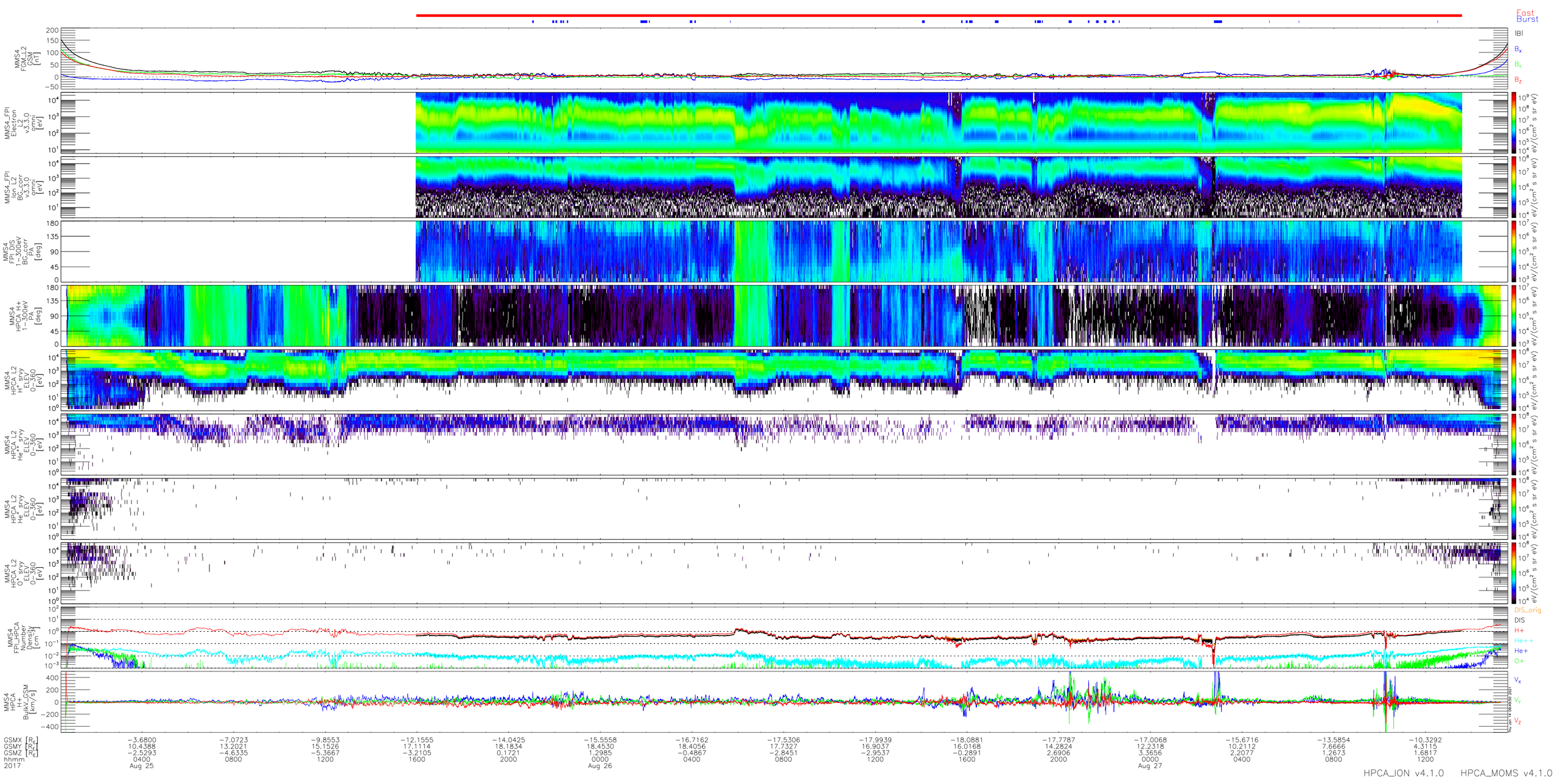
Fast
Burst
MMS4 FGM_L2 GSM [nT]
IBI
Bx
By
Bz
MMS4_FPI Electron L2 v3.3.0 DES_omni [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 DIS_omni [eV]
MMS4 FPI DIS 1-30keV BG_corr PA [deg]
MMS4 HPCA H+ 1-40keV PA [deg]
MMS4 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS4 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS4 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS4 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm2 s sr eV)
MMS4 FPI DIS HPCA Number Density [cm-3]
DIS_orig
DIS
H+
He++
He+
O+
MMS4 HPCA H+ Bulk V_GSM [km/s]
Vx
Vy
Vz
GSMX [Re]
GSMY [Re]
GSMZ [Re]
hhmm
2017
−3.6800 10.4388 −2.5293 0400 Aug 25
−7.0723 13.2021 −4.6335 0800
−9.8553 15.1526 −5.3667 1200
−12.1555 17.1114 −3.2105 1600
−14.0425 18.1834 0.1721 2000
−15.5558 18.4530 1.2985 0000 Aug 26
−16.7162 18.4056 −0.4867 0400
−17.5306 17.7327 −2.8451 0800
−17.9939 16.9037 −2.9537 1200
−18.0881 16.0168 −0.2891 1600
−17.7787 14.2824 2.6906 2000
−17.0068 12.2318 3.3656 0000 Aug 27
−15.6716 10.2112 2.2077 0400
−13.5854 7.6666 1.2673 0800
−10.3292 4.3115 1.6817 1200
HPCA_ION v4.1.0
HPCA_MOMS v4.1.0