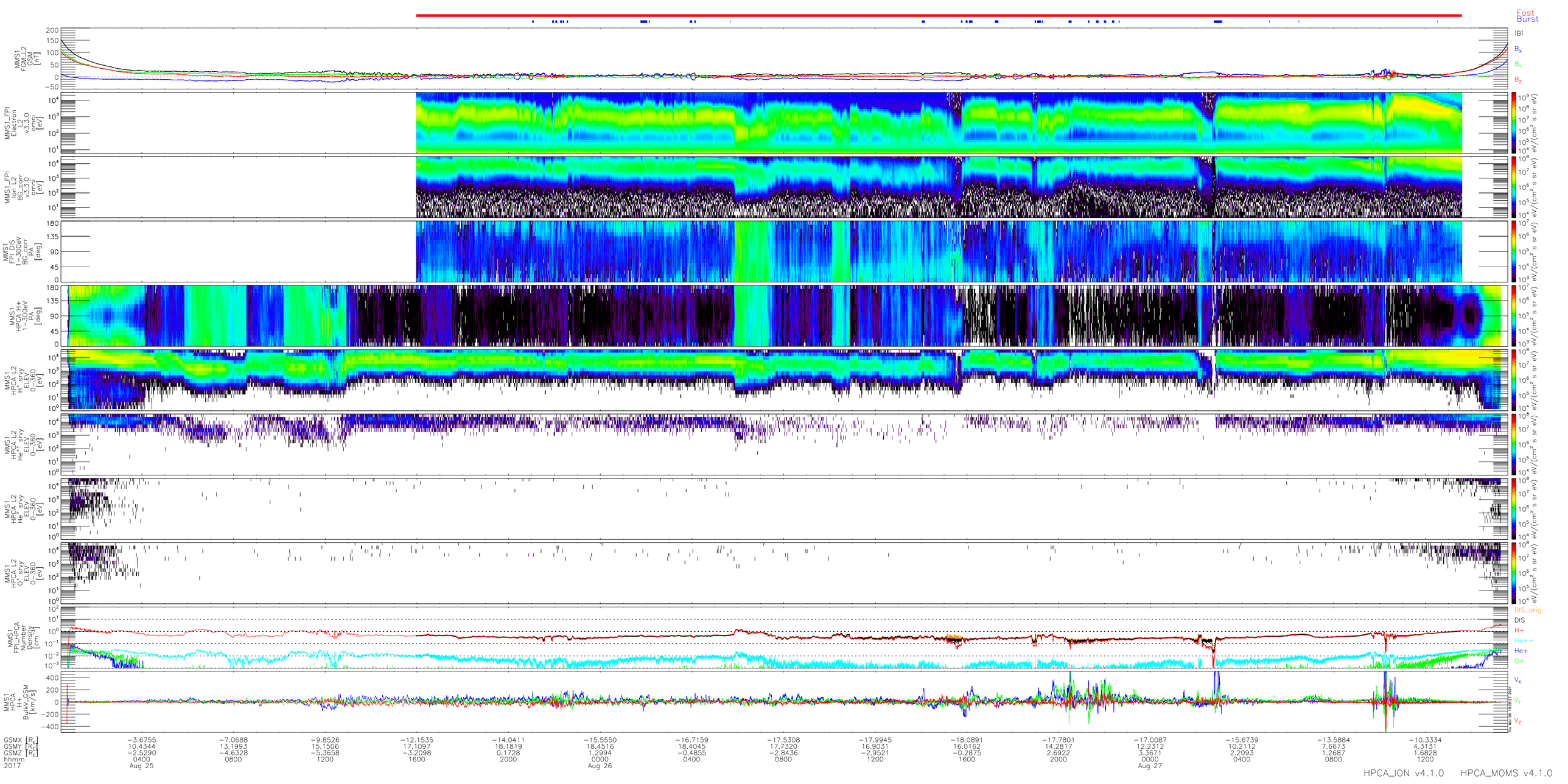
Fast
Burst
MMS1 FGM_L2 GSM [nT]
IBI
Bx
By
Bz
MMS1_FPI Electron L2 v3.3.0 omni [eV]
MMS1_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS1 FPI DIS 1-30keV BG_corr PA [deg]
MMS1 HPCA H+ 1-40keV PA [deg]
MMS1 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm2 s sr eV)
MMS1 FPI/HPCA Number Density [cm-3]
DIS_orig
DIS
H+
He++
He+
O+
MMS1 HPCA H+ Bulk V_GSM [km/s]
Vx
Vy
Vz
GSMX [Re]
GSMY [Re]
GSMZ [Re]
hhmm
2017
−3.6755 10.4344 −2.5290 0400 Aug 25
−7.0688 13.1993 −4.6328 0800
−9.8526 15.1506 −5.3658 1200
−12.1535 17.1097 −3.2098 1600
−14.0411 18.1819 0.1728 2000
−15.5550 18.4516 1.2994 0000 Aug 26
−16.7159 18.4045 −0.4855 0400
−17.5308 17.7320 −2.8436 0800
−17.9945 16.9031 −2.9521 1200
−18.0891 16.0162 −0.2875 1600
−17.7801 14.2817 2.6922 2000
−17.0087 12.2312 3.3671 0000 Aug 27
−15.6739 10.2112 2.2093 0400
−13.5884 7.6673 1.2687 0800
−10.3334 4.3131 1.6828 1200
HPCA_ION v4.1.0
HPCA_MOMS v4.1.0