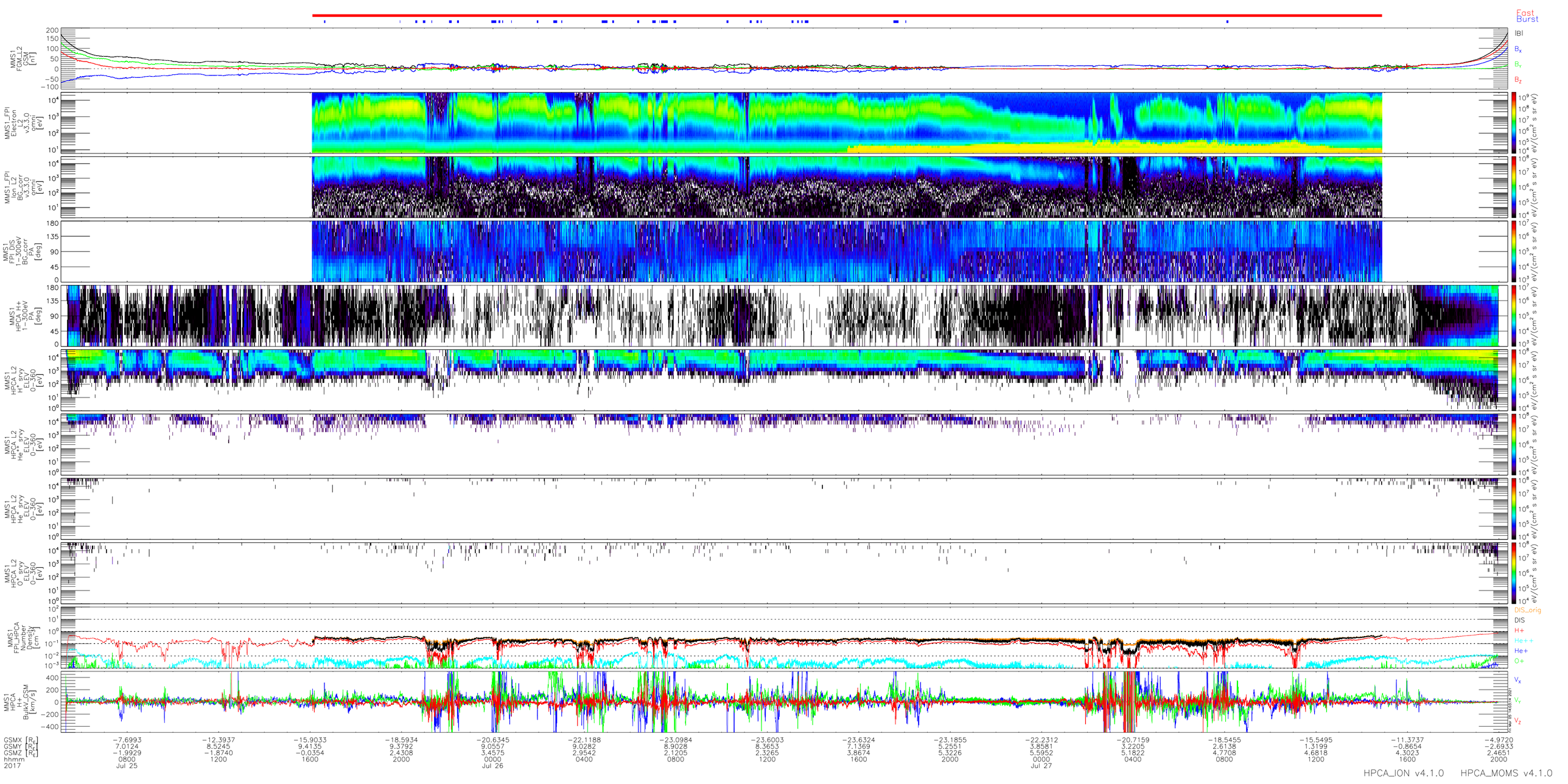
Fast
Burst
MMS1 FGM_L2 DSL [nT]
IBI
Bx
By
Bz
MMS1_FPI Electron L2 v3.3.0 BG_corr [eV]
MMS1_FPI Ion L2 v3.3.0 BG_corr [eV]
MMS1 FPI_DIS I_300eV BG_corr PA [deg]
MMS1 HPCA H+ I_300eV PA [deg]
MMS1 HPCA L2 H+ srvy ELEV 0_360 [eV]
MMS1 HPCA L2 He++ srvy ELEV 0_360 [eV]
MMS1 HPCA L2 He+ srvy ELEV 0_360 [eV]
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
−7.6993 7.0124 −1.9929 0800 Jul 25
−12.3937 8.5245 −1.8740 1200
−15.9033 9.4135 −0.0354 1600
−18.5934 9.3792 2.4308 2000
−20.6345 9.0557 3.4575 0000 Jul 26
−22.1188 9.0282 2.9542 0400
−23.0984 8.9028 2.1205 0800
−23.6003 8.3653 2.3265 1200
−23.6324 7.1369 3.8674 1600
−23.1855 5.2551 5.3226 2000
−22.2312 3.8581 5.5952 0000 Jul 27
−20.7159 3.2205 5.1822 0400
−18.5455 2.6138 4.7708 0800
−15.5495 1.3199 4.6818 1200
−11.3737 −0.8654 4.3023 1600
−4.9720 −2.6933 2.4651 2000
HPCA_ION v4.1.0
HPCA_MOMS v4.1.0