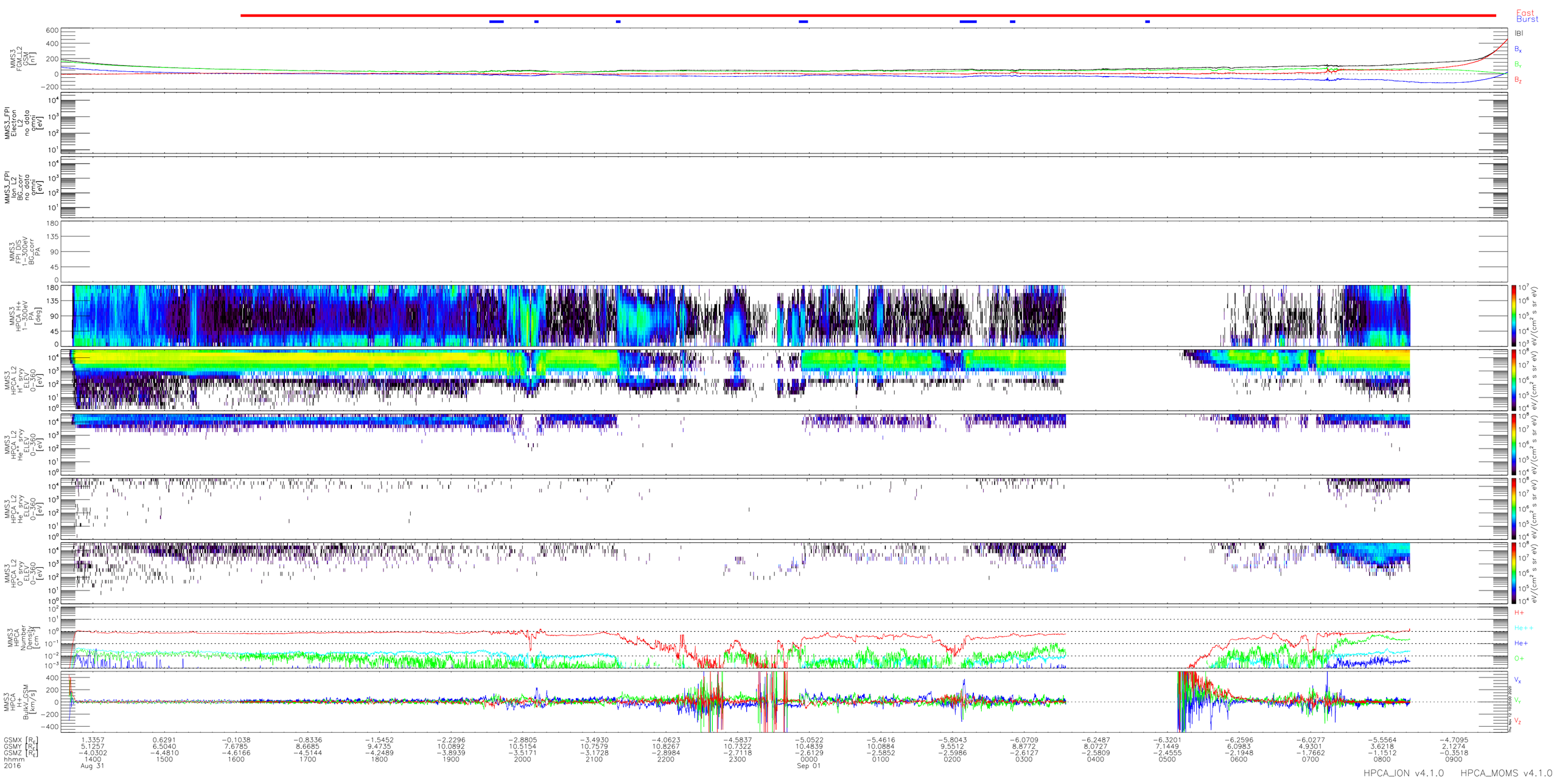

Fast
Burst
MMS3 FGM_L2 GSM [nT]
|B|
Bx
By
Bz
MMS3_FPI Electron L2 no data omni [eV]
MMS3_FPI Ion L2 BG_corr no data omni [eV]
MMS3 FPI DIS 1-300eV BG_corr PA
MMS3 HPCA H+ 1-300eV PA [deg]
MMS3 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm² s sr eV)
MMS3 HPCA Number Density [cm⁻³]
H+
He++
He+
O+
MMS3 HPCA H+ BulkV_GSM [km/s]
Vx
Vy
Vz
GSMX [RE] 1.3357 0.6291 −0.1038 −0.8336 −1.5452 −2.2296 −2.8805 −3.4930 −4.0623 −4.5837 −5.0522 −5.4616 −5.8043 −6.0709 −6.2487 −6.3201 −6.2596 −6.0277 −5.5564 −4.7095
GSMY [RE] 5.1257 6.5040 7.6785 8.6685 9.4735 10.0892 10.5154 10.7579 10.8267 10.7322 10.4839 10.0884 9.5512 8.8772 8.0727 7.1449 6.0983 4.9301 3.6218 2.1274
GSMZ [RE] −4.0302 −4.4810 −4.6166 −4.5144 −4.2489 −3.8939 −3.5171 −3.1728 −2.8984 −2.7118 −2.6129 −2.5852 −2.5986 −2.6127 −2.5809 −2.4555 −2.1948 −1.7662 −1.1512 −0.3518
hhmm 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900
2016 Aug 31 Sep 01
HPCA_ION v4.1.0 HPCA_MOMS v4.1.0