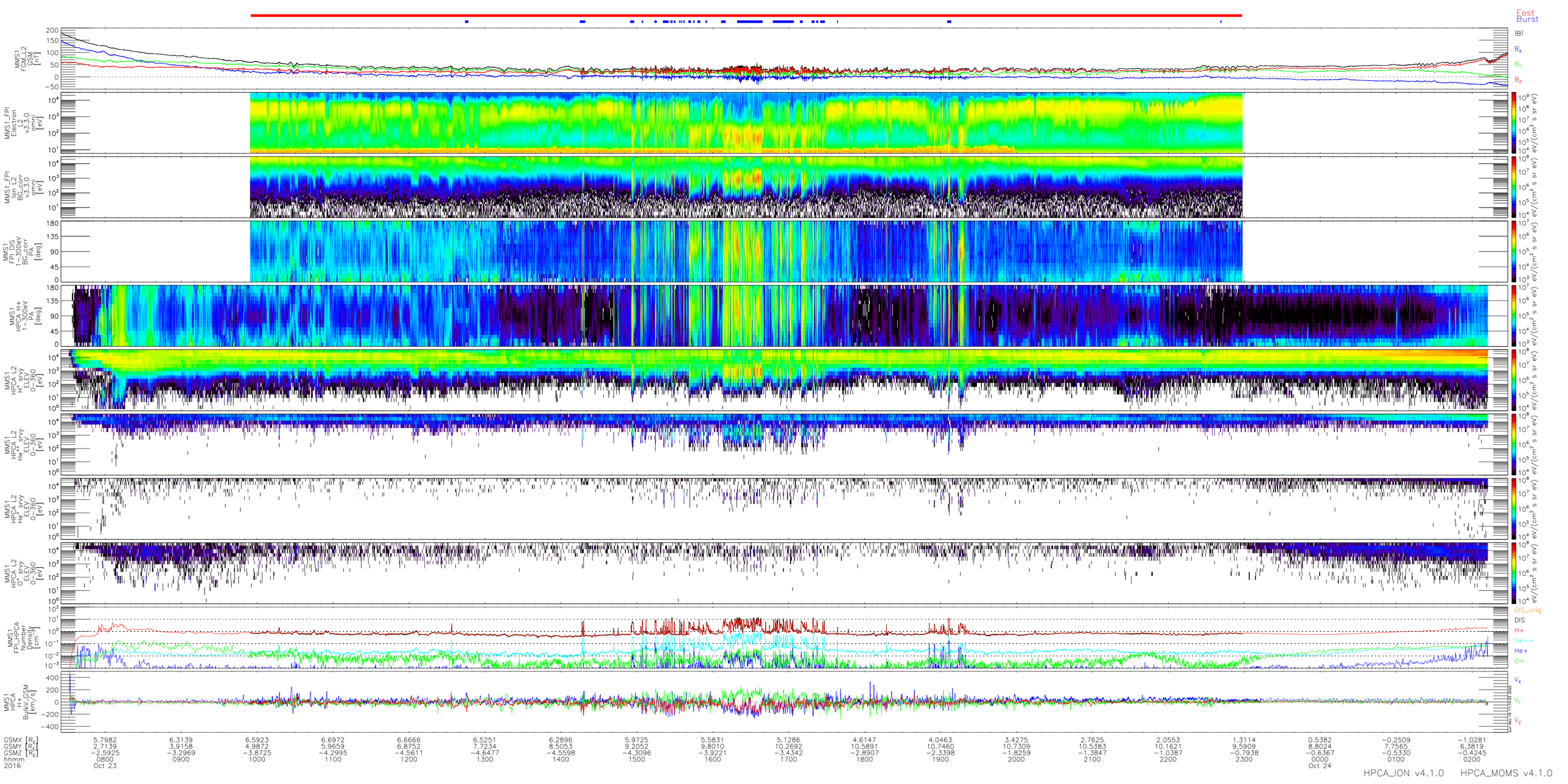

Fast
Burst
MMS1 FGM_L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS1_FPI Electron L2 v3.3.0 omni [eV]
MMS1_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS1 FPI DIS 1-300eV BG_corr PA [deg]
MMS1 HPCA H+ 1-300eV PA [deg]
MMS1 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 O+ srvy ELEV 0-360 [eV]
MMS1 FPI_HPCA Number Density [cm^-3]
DIS_orig
DIS
H+
He++
He+
O+
MMS1 HPCA H+ BulkV_GSM [km/s]
V_x
V_y
V_z
GSMX [R_E] 5.7982 6.3139 6.5923 6.6972 6.6666 6.5251 6.2896 5.9725 5.5831 5.1286 4.6147 4.0463 3.4275 2.7625 2.0553 1.3114 0.5382 −0.2509 −1.0281
GSMY [R_E] 2.7139 3.9158 4.9872 5.9659 6.8752 7.7234 8.5053 9.2052 9.8010 10.2692 10.5891 10.7460 10.7309 10.5383 10.1621 9.5909 8.8024 7.7565 6.3819
GSMZ [R_E] −2.5925 −3.2969 −3.8725 −4.2995 −4.5611 −4.6477 −4.5598 −4.3096 −3.9221 −3.4342 −2.8907 −2.3398 −1.8259 −1.3847 −1.0387 −0.7938 −0.6367 −0.5330 −0.4245
hhmm 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 0000 0100 0200
2016 Oct 23 Oct 24
HPCA_ION v4.1.0 HPCA_MOMS v4.1.0