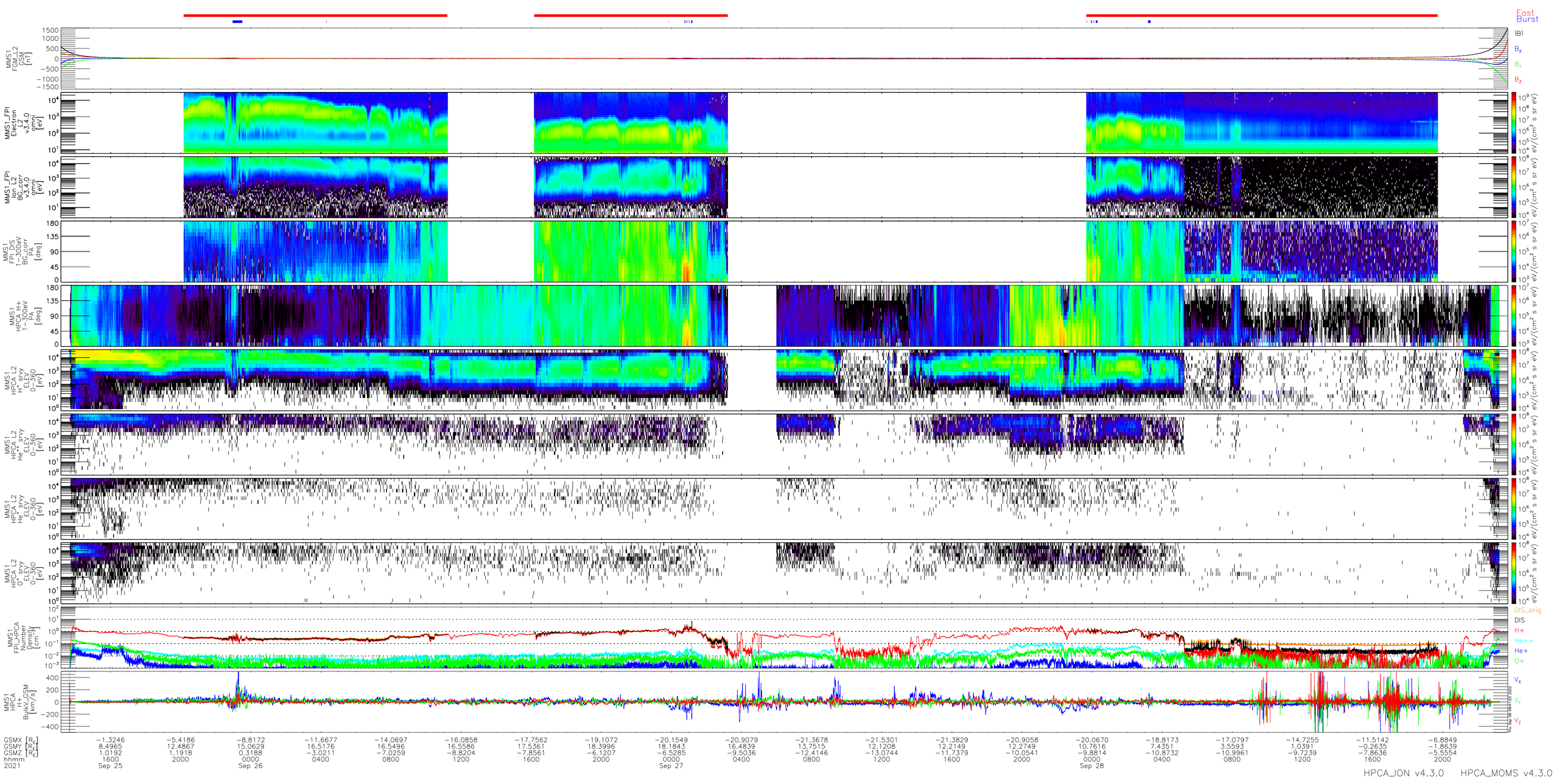
Fast
Burst
MMS1 FGM_L2 GSM [nT]
IBI
Bx
By
Bz
MMS1_FPI Electron L2 v3.4.0 omni [eV]
MMS1_FPI Ion L2 BG_corr v3.4.0 omni [eV]
MMS1 FPI DIS 1-30keV BG_corr PA [deg]
MMS1 HPCA H+ 1-40keV PA [deg]
MMS1 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)
MMS1 FPI DIS 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
2021
−1.3246 8.4965 1.0192 1600 Sep 25
−5.4186 12.4867 1.1918 2000
−8.8172 15.0629 0.3188 0000 Sep 26
−11.6677 16.5176 −3.0211 0400
−14.0697 16.5496 −7.0259 0800
−16.0858 16.5586 −8.8204 1200
−17.7562 17.5361 −7.8561 1600
−19.1072 18.3996 −6.1207 2000
−20.1549 18.1843 −6.5285 0000 Sep 27
−20.9079 16.4839 −9.5036 0400
−21.3678 13.7515 −12.4146 0800
−21.5301 12.1208 −13.0744 1200
−21.3829 12.2149 −11.7379 1600
−20.9058 12.2749 −10.0541 2000
−20.0670 10.7616 −9.8814 0000 Sep 28
−18.8173 7.4351 −10.8732 0400
−17.0797 3.5593 −10.9961 0800
−14.7255 1.0391 −9.7239 1200
−11.5142 −0.2635 −7.8636 1600
−6.8849 −1.8639 −5.5554 2000
Thu Sep 08 09:41:15 2022
HPCA_ION v4.3.0
HPCA_MOMS v4.3.0