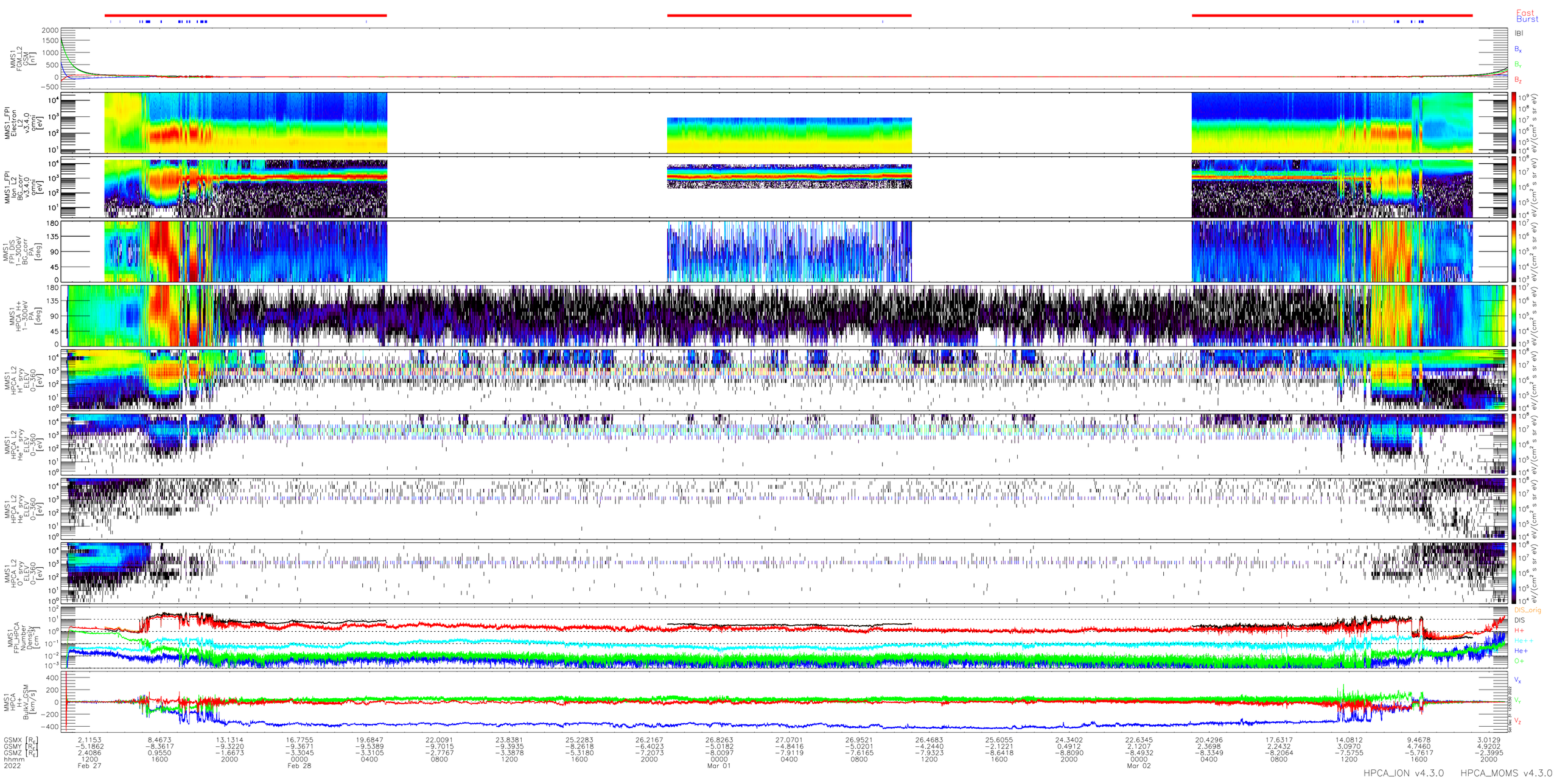

Fast
Burst
MMS1 FGM_L2 GSM [nT]
IBI
Bx
By
Bz
MMS1_FPI Electron L2 v3.4.0 omni [eV]
MMS1_FPI Ion L2 BG_corr v3.4.0 omni [eV]
MMS1 FPI DIS 1-300eV BG_corr PA [deg]
MMS1 HPCA H+ 1-300eV PA [deg]
MMS1 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS1 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm² s sr eV)
MMS1 FPI_HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS1 HPCA H+ BulkV_GSM [km/s]
Vx
Vy
Vz
GSMX [RE] 2.1153 8.4673 13.1314 16.7755 19.6847 22.0091 23.8381 25.2283 26.2167 26.8263 27.0701 26.9521 26.4683 25.6055 24.3402 22.6345 20.4296 17.6317 14.0812 9.4678 3.0129
GSMY [RE] −5.1862 −8.3617 −9.3220 −9.3671 −9.5389 −9.7015 −9.3935 −8.2618 −6.4023 −5.0182 −4.8416 −5.0201 −4.2440 −2.1221 0.4912 2.1207 2.3698 2.2432 3.0970 4.7460 4.9202
GSMZ [RE] 2.4086 0.9550 −1.6673 −3.3045 −3.3105 −2.7767 −3.3878 −5.3180 −7.2073 −8.0097 −7.9119 −7.6165 −7.9323 −8.6418 −8.8090 −8.4932 −8.3349 −8.2064 −7.5755 −5.7617 −2.3995
hhmm 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000
2022 Feb 27 Feb 28 Mar 01 Mar 02
HPCA_ION v4.3.0
HPCA_MOMS v4.3.0