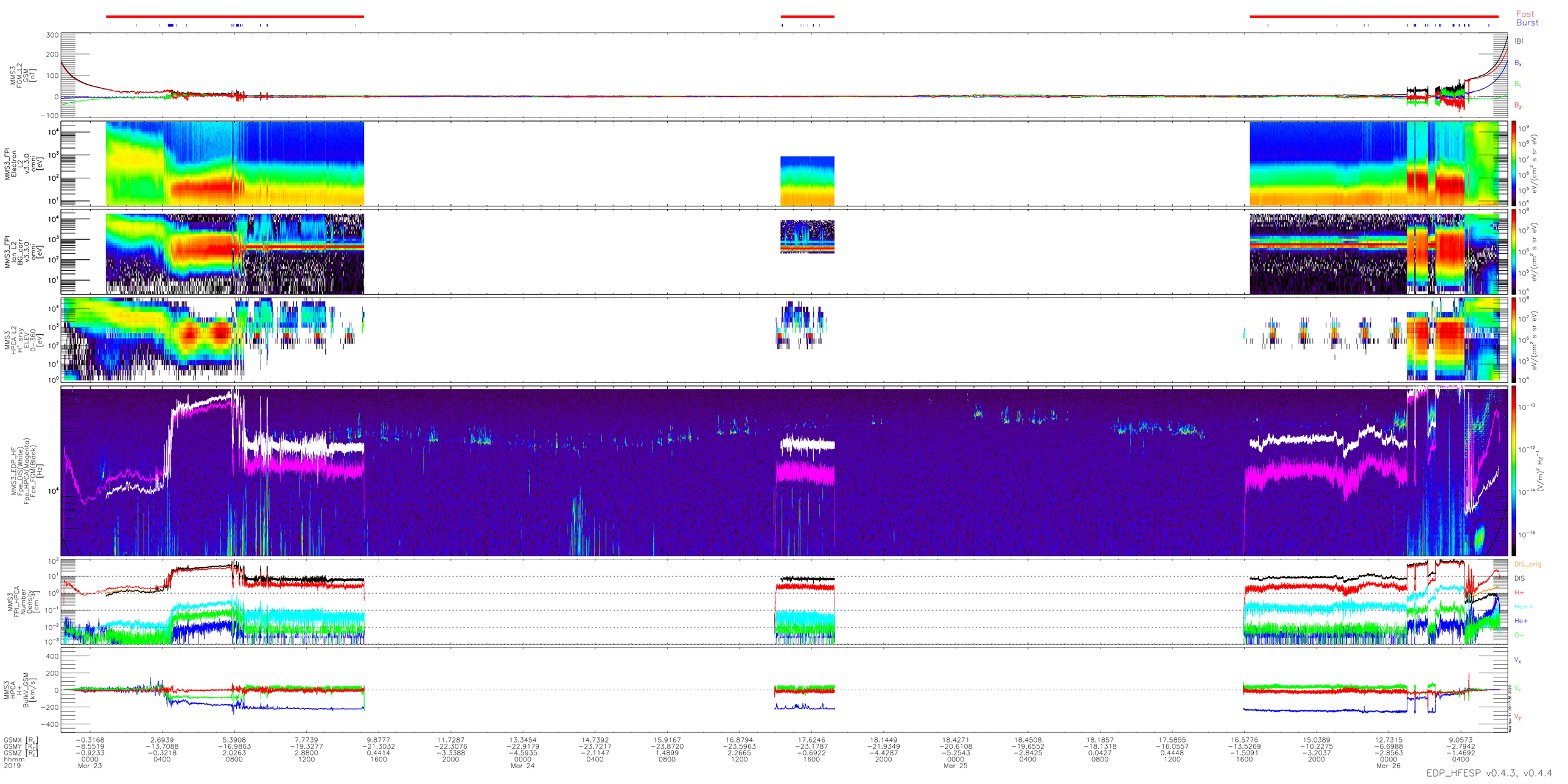
Fast
Burst
MMS3 FGM L2 GSM [nT]
IBI
Bx
By
Bz
MMS3_FPI Electron L2 v3.3.0 omni [eV]
MMS3_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS3 HPCA L2 H+ srvy ELEV 0°-90° [eV]
eV/(cm² s sr eV)
MMS3_EDP_HF Fpe_DIS(White) Fpe_HPCA(Magenta) Fce_DC(Black) [Hz]
(V/m)² Hz⁻¹
MMS3 FPI+HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS3 HPCA H+ Bulk V GSM [km/s]
Vx
Vy
Vz
GSMX [Re] −0.3168 2.6939 5.3908 7.7739 9.8777 11.7287 13.3454 14.7392 15.9167 16.8794 17.6246 18.1449 18.4271 18.4508 18.1857 17.5855 16.5776 15.0389 12.7315 9.0573
GSMY [Re] −8.5519 −13.7088 −16.9863 −19.3277 −21.3032 −22.3076 −22.9179 −23.7217 −23.8720 −23.5963 −23.1787 −21.9349 −20.6108 −19.6552 −18.1318 −16.0557 −13.5269 −10.2275 −6.6988 −2.7942
GSMZ [Re] −0.9233 −0.3218 2.0263 2.8800 0.4414 −2.1147 −4.5935 1.4899 2.2665 −0.6922 −4.4287 −5.2543 −2.8425 0.0427 0.4448 −1.5091 −3.2037 −2.8563 −1.4692
hhmm 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400
2019 Mar 23 Mar 24 Mar 25 Mar 26
EDP_HFESP v0.4.3, v0.4.4