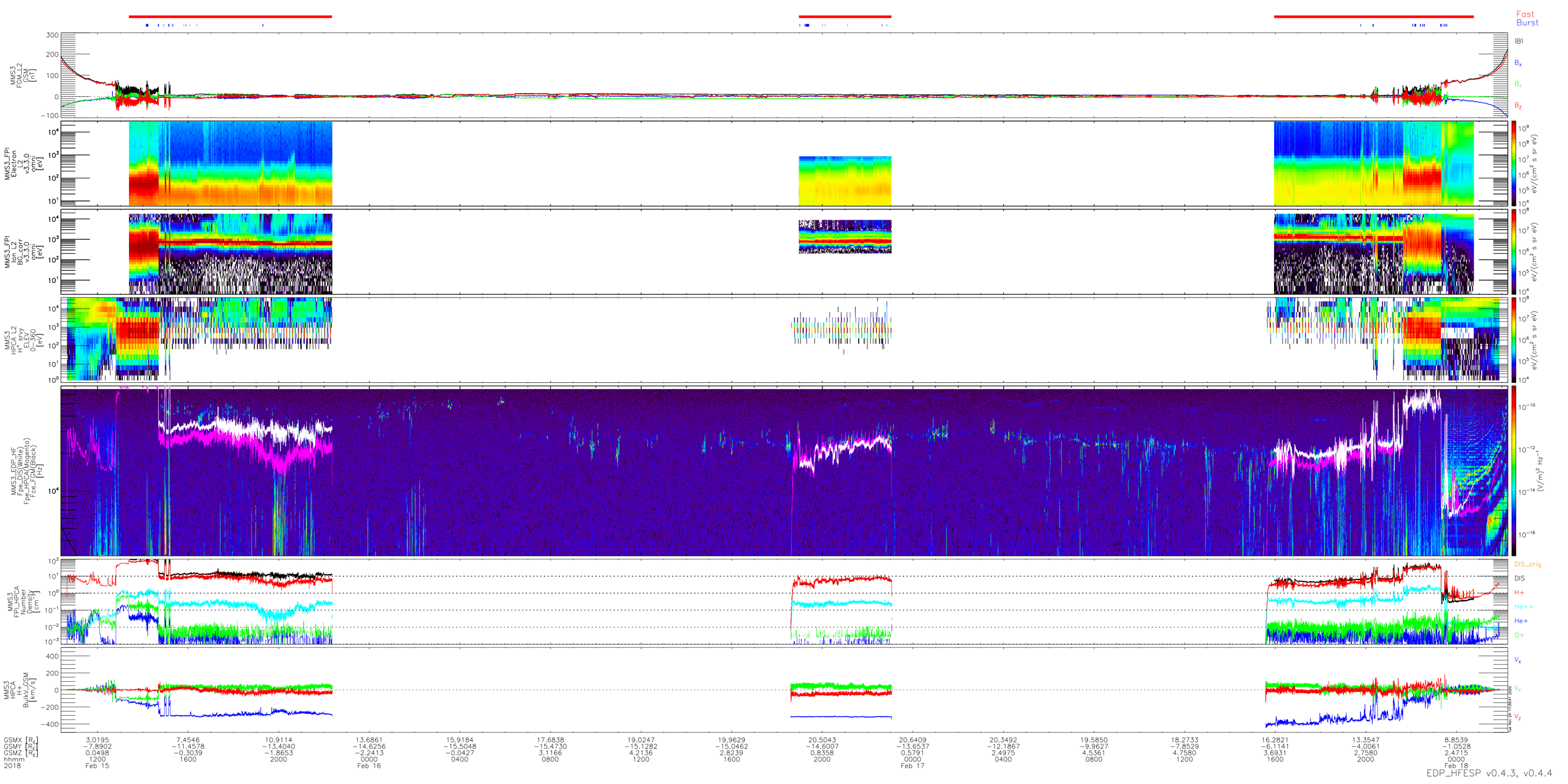

Fast
Burst
MMS3 FGM_L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS3_FPI Electron L2 v3.3.0 omni [eV]
eV/(cm² s sr eV)
MMS3_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS3 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS3_EDP_HF Fpe_DIS(White) Fpe_HPCA(Magenta) Fce_FGM(Black) [Hz]
(V/m)² Hz⁻¹
MMS3 FPI_HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS3 HPCA H+ BulkV_GSM [km/s]
V_x
V_y
V_z
GSMX [R_E]
GSMY [R_E]
GSMZ [R_E]
hhmm
2018
3.0195 −7.8902 0.0498 1200 Feb 15
7.4546 −11.4578 −0.3039 1600
10.9114 −13.4040 −1.8653 2000
13.6861 −14.6256 −2.2413 0000 Feb 16
15.9184 −15.5048 −0.0427 0400
17.6838 −15.4730 3.1166 0800
19.0247 −15.1282 4.2136 1200
19.9629 −15.0462 2.8239 1600
20.5043 −14.6007 0.8358 2000
20.6409 −13.6537 0.5791 0000 Feb 17
20.3492 −12.1867 2.4975 0400
19.5850 −9.9627 4.5361 0800
18.2733 −7.8529 4.7580 1200
16.2821 −6.1141 3.6931 1600
13.3547 −4.0061 2.7580 2000
8.8539 −1.0528 2.4715 0000 Feb 18
EDP_HFESP v0.4.3, v0.4.4