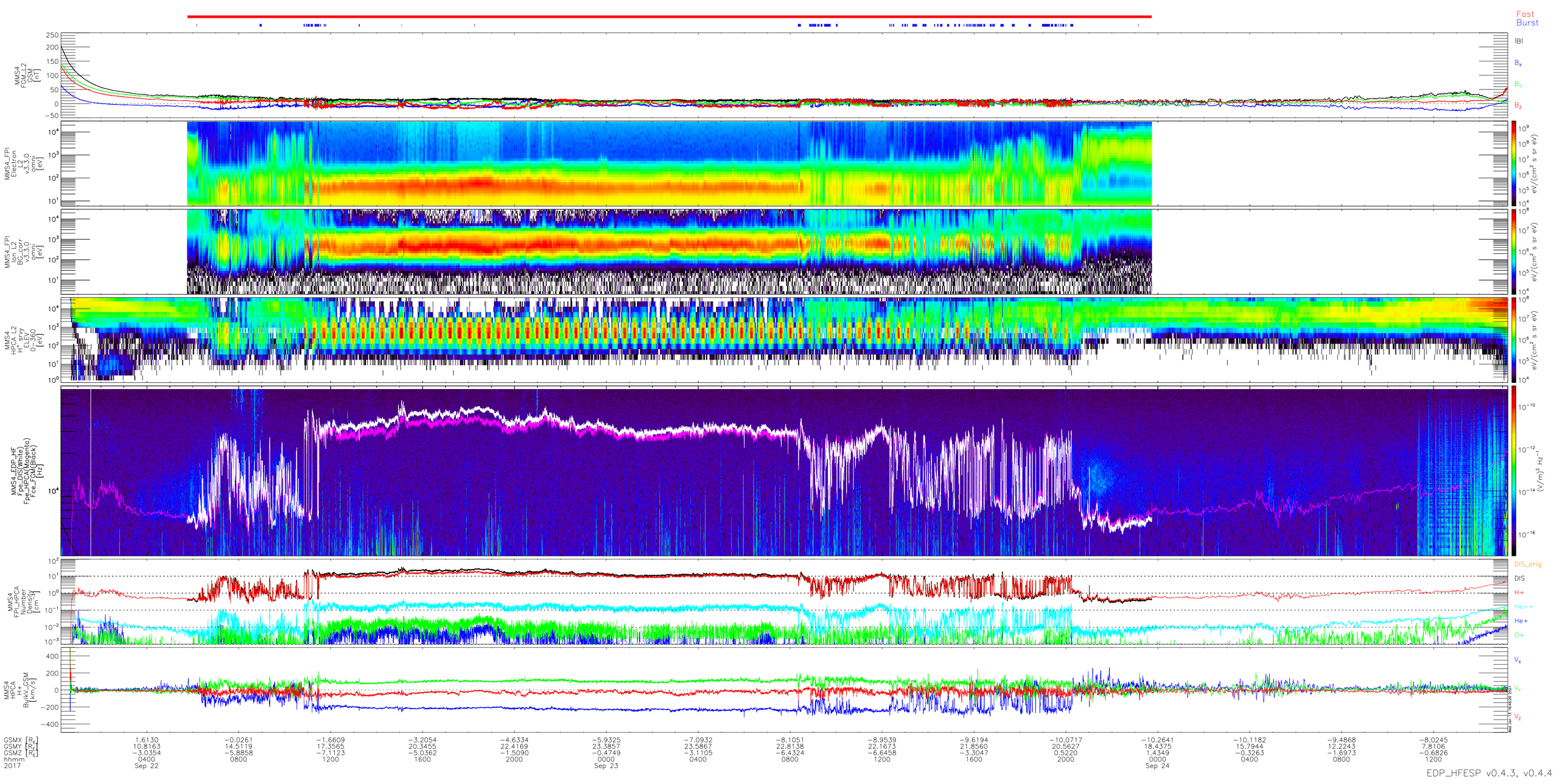
Fast
Burst
MMS4 FGM_L2 GSM [nT]
IBI
B_x
B_y
B_z
MMS4_FPI Electron L2 v3.3.0 omni [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS4 HPCA L2 H^+ srvy ELEV 0 [eV]
eV/(cm^2 s sr eV)
MMS4_EDP_HF Fpe_DIS(White) Fpe_HPCA(Magenta) Fce_FGM(Black) [Hz]
$(V/m)^2$ Hz^{-1}
MMS4 FPI_DIS HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+
MMS4 HPCA H^+ Bulk Vxyz GSM [km/s]
V_x
V_y
V_z
Wed Jan 13 16:48:26 2021
GSMX [R_E]
GSMY [R_E]
GSMZ [R_E]
hhmm
2017
1.6130 10.8163 −3.0354 0400 Sep 22
−0.0261 14.5119 −5.8858 0800
−1.6609 17.3565 −7.1123 1200
−3.2054 20.3455 −5.0362 1600
−4.6334 22.4169 −1.5090 2000
−5.9325 23.3857 −0.4749 0000 Sep 23
−7.0932 23.5867 −3.1105 0400
−8.1051 22.8138 −6.4324 0800
−8.9539 22.1673 −6.6458 1200
−9.6194 21.8560 −3.3047 1600
−10.0717 20.5627 0.5220 2000
−10.2641 18.4375 1.4349 0000 Sep 24
−10.1182 15.7944 −0.3263 0400
−9.4868 12.2243 −1.6973 0800
−8.0245 7.8106 −0.6826 1200
EDP_HFESP v0.4.3, v0.4.4