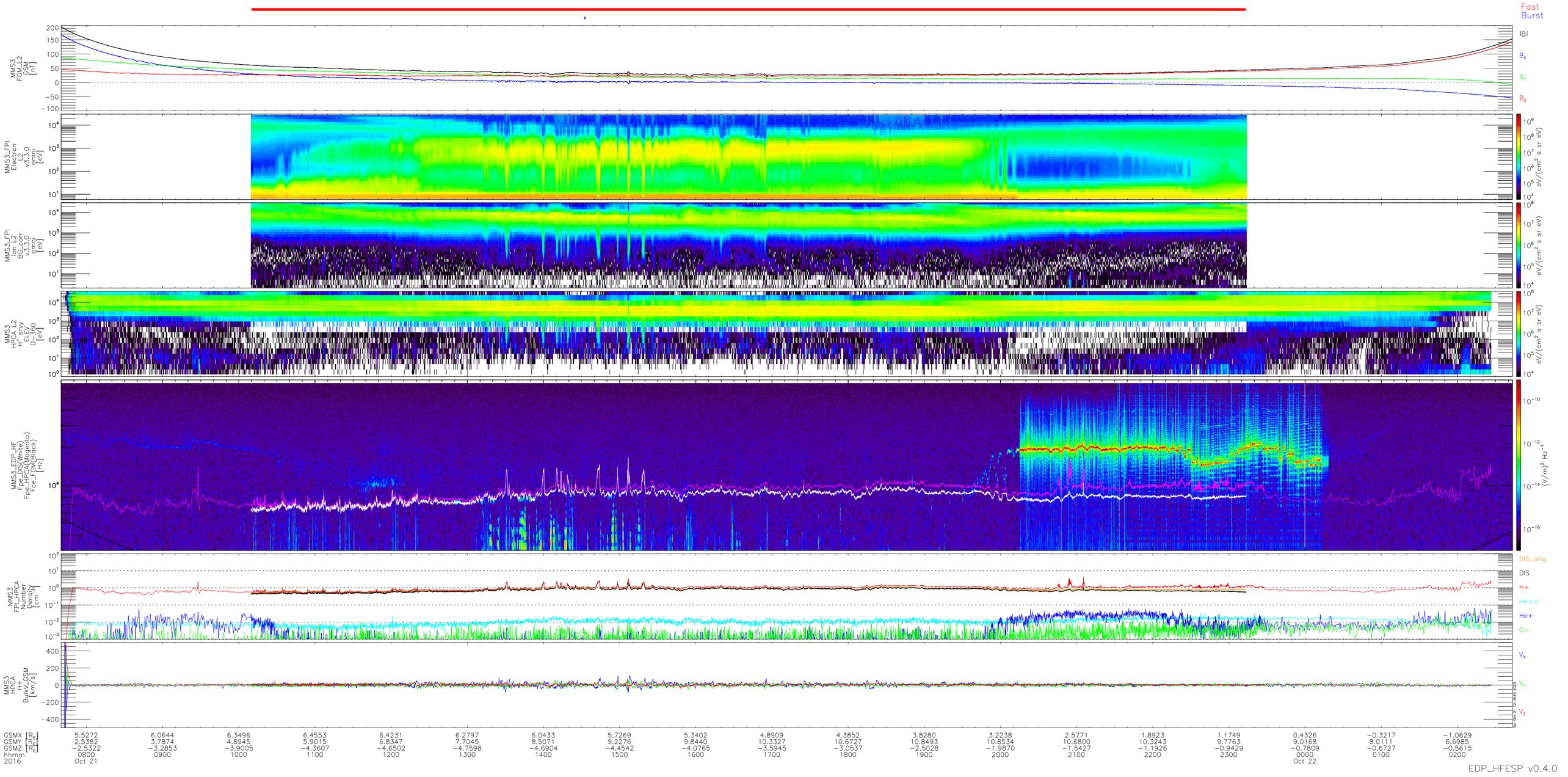

Fast
Burst
MMS3 FGM_L2 GSM [nT]
|B|
Bx
By
Bz
MMS3_FPI Electron L2 v3.3.0 omni [eV]
MMS3_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS3 HPCA L2 H+ srvy ELEV 0-360 [eV]
eV/(cm² s sr eV)
MMS3_EDP_HF Fpe_DIS(White) Fpe_HPCA(Magenta) Fce_FGM(Black) [Hz]
(V/m)² Hz⁻¹
MMS3 FPI_HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS3 HPCA H+ BulkV_GSM [km/s]
Vx
Vy
Vz
GSMX [RE] 5.5272 6.0644 6.3496 6.4553 6.4231 6.2797 6.0433 5.7269 5.3402 4.8909 4.3852 3.8280 3.2238 2.5771 1.8923 1.1749 0.4326 −0.3217 −1.0629
GSMY [RE] 2.5382 3.7874 4.8945 5.9015 6.8347 7.7045 8.5071 9.2276 9.8440 10.3327 10.6727 10.8493 10.8534 10.6800 10.3243 9.7763 9.0168 8.0111 6.6985
GSMZ [RE] −2.5322 −3.2853 −3.9005 −4.3607 −4.6502 −4.7598 −4.6904 −4.4542 −4.0765 −3.5945 −3.0537 −2.5028 −1.9870 −1.5427 −1.1926 −0.9429 −0.7809 −0.6727 −0.5615
hhmm 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 0000 0100 0200
2016 Oct 21 Oct 22
EDP_HFESP v0.4.0