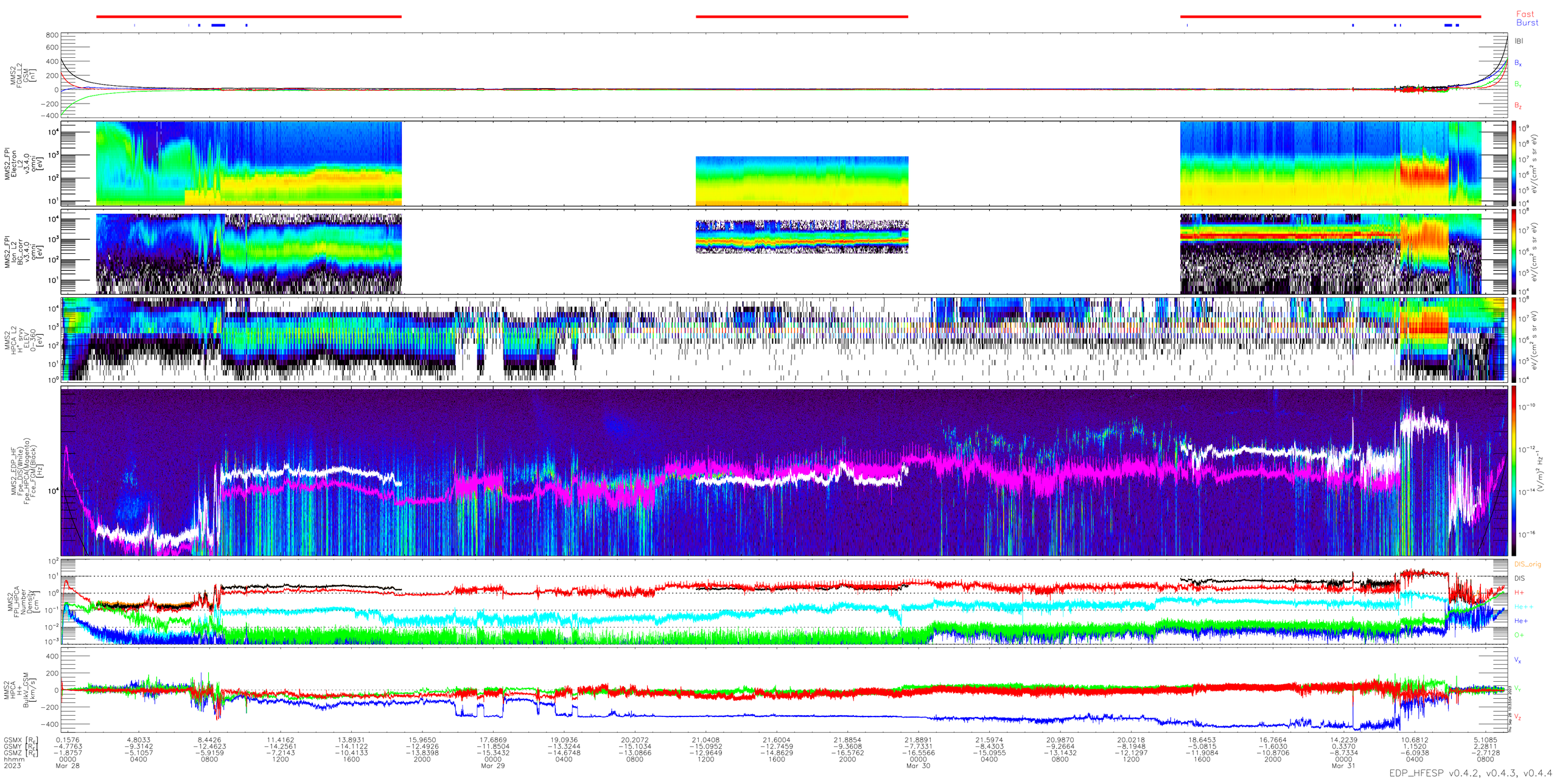
Fast
Burst
MMS2 FGM_L2 DSL [nT]
IBI
Bx
By
Bz
MMS2_FPI Electron L2 v3.4.0 omni [eV]
eV/(cm2 s sr eV)
MMS2_FPI Ion L2 BG_corr v3.4.0 omni [eV]
eV/(cm2 s sr eV)
MMS2 HPCA L2 H+ srvy ELEV 0 [eV]
eV/(cm2 s sr eV)
MMS2_EDP_HF Fpe_DIS(White) Fpe_HPCA(Magenta) Fce [Hz]
(V/m)2 Hz-1
MMS2 FPI/HPCA Number Density [cm-3]
DIS_orig
DIS
H+
He++
He+
O+
MMS2 HPCA H+ Bulk Vxyz GSM [km/s]
Vx
Vy
Vz
GSMX [Re]
GSMY [Re]
GSMZ [Re]
hhmm
2023
0.1576 −4.7763 −1.8757 0000 Mar 28
4.8033 −9.3142 −5.1057 0400
8.4426 −12.4623 −5.9159 0800
11.4162 −14.2561 −7.2143 1200
13.8931 −14.1122 −10.4133 1600
15.9650 −12.4926 −13.8398 2000
17.6869 −11.8504 −15.3432 0000 Mar 29
19.0936 −13.3244 −14.6748 0400
20.2072 −15.1034 −13.0866 0800
21.0408 −15.0952 −12.9649 1200
21.6004 −12.7459 −14.8629 1600
21.8854 −9.3608 −16.5762 2000
21.8891 −7.7331 −16.5566 0000 Mar 30
21.5974 −8.4303 −15.0955 0400
20.9870 −9.2664 −13.1432 0800
20.0218 −8.1948 −12.1297 1200
18.6453 −5.0815 −11.9084 1600
16.7664 −1.6030 −10.8706 2000
14.2239 0.3370 −8.7334 0000 Mar 31
10.6812 1.1520 −6.0938 0400
5.1085 2.2811 −2.7128 0800
Thu Sep 28 19:33:04 2023
EDP_HFESP v0.4.2, v0.4.3, v0.4.4