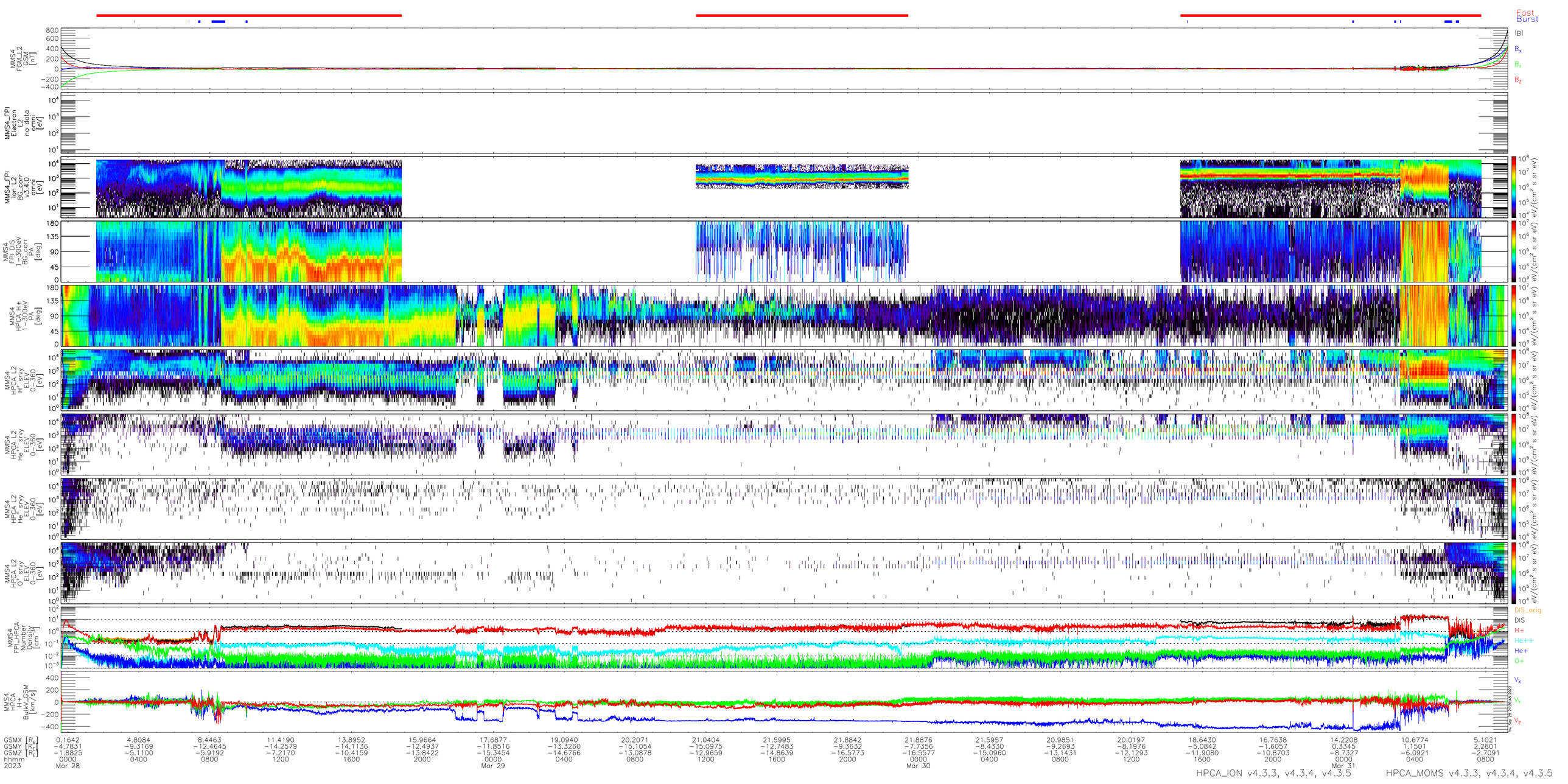
Fast
Burst
MMS4 FGM L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS4_FPI Electron L2 no data omni [eV]
MMS4_FPI Ion L2 BG_corr v3.4.0 omni [eV]
MMS4 FPI DIS ~300eV BG_corr PA [deg]
MMS4 HPCA H+ 1~300eV PA [deg]
MMS4 HPCA L2 H^+ srvy ELEV 0~360 [eV]
MMS4 HPCA L2 He^{++} srvy ELEV 0~360 [eV]
MMS4 HPCA L2 He^+ srvy ELEV 0~360 [eV]
MMS4 HPCA L2 O^+ srvy ELEV 0~360 [eV]
eV/(cm² s sr eV)
MMS4 FPI+HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS4 HPCA H+ Bulk V GSM [km/s]
V_x
V_y
V_z
Fri Sep 29 21:06:44 2023
GSMX [R_E] 0.1642 4.8084 8.4463 11.4190 13.8952 15.9664 17.6877 19.0940 20.2071 21.0404 21.5995 21.8842 21.8876 21.5957 20.9851 20.0197 18.6430 16.7638 14.2208 10.6774 5.1021
GSMY [R_E] −4.7831 −9.3169 −12.4645 −14.2579 −14.1136 −12.4937 −11.8516 −13.3260 −15.1054 −15.0975 −12.7483 −9.3632 −7.7356 −8.4330 −9.2693 −8.1976 −5.0842 −1.6057 0.3345 1.1501 2.2801
GSMZ [R_E] −1.8825 −5.1100 −5.9192 −7.2170 −10.4159 −13.8422 −15.3454 −15.9664 −13.0878 −12.9659 −14.8639 −16.5773 −16.5577 −15.0960 −13.1431 −12.1293 −11.9080 −10.8703 −8.7327 −6.0921 −2.7091
hhmm 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800
2023 Mar 28 Mar 29 Mar 30 Mar 31
HPCA_ION v4.3.3, v4.3.4, v4.3.5
HPCA_MOMS v4.3.3, v4.3.4, v4.3.5