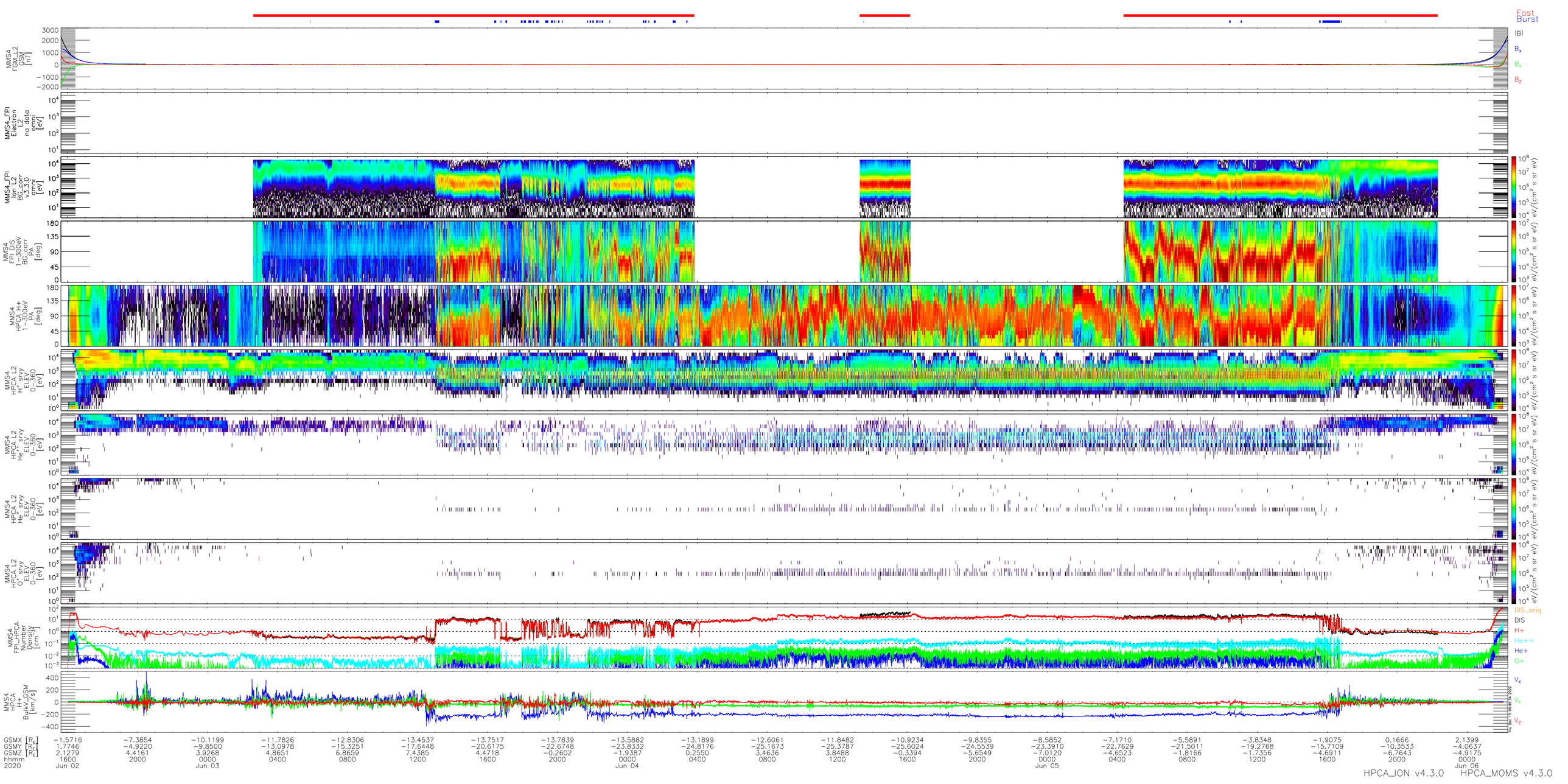
Fast
Burst
MMS4 FGM_L2 GSM [nT]
IBI
Bx
By
Bz
MMS4_FPI Electron L2 no data omni [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS4 FPI_DIS 1-30keV BG_corr PA [deg]
MMS4 HPCA H+ 1-40keV PA [deg]
MMS4 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS4 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS4 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS4 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm^2 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]
Vx
Vy
Vz
GSMX [Re] −1.5716 −7.3854 −10.1199 −11.7826 −12.8306 −13.4537 −13.7517 −13.7839 −13.5882 −13.1899 −12.6061 −11.8482 −10.9234 −9.8355 −8.5852 −7.1710 −5.5891 −3.8348 −1.9075 0.1666 2.1399
GSMY [Re] 1.7746 −4.9220 −9.8500 −13.0978 −15.3251 −17.6448 −20.6175 −22.6748 −23.8332 −24.8176 −25.1673 −25.3787 −25.6024 −24.5539 −23.3910 −22.7629 −21.5011 −19.2768 −15.7109 −10.3533 −4.0637
GSMZ [Re] 2.1279 4.4161 3.9268 4.8651 6.8659 7.4385 4.4718 −0.2602 −1.9387 0.2550 3.4636 3.8488 −0.3394 −5.6549 −7.0120 −4.6523 −1.8166 −1.7356 −4.6911 −6.7643 −4.9175
hhmm 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000
2020 Jun 02 Jun 03 Jun 04 Jun 05 Jun 06
Rev 15 06-Feb-2022
HPCA_ION v4.3.0 HPCA_MOMS v4.3.0