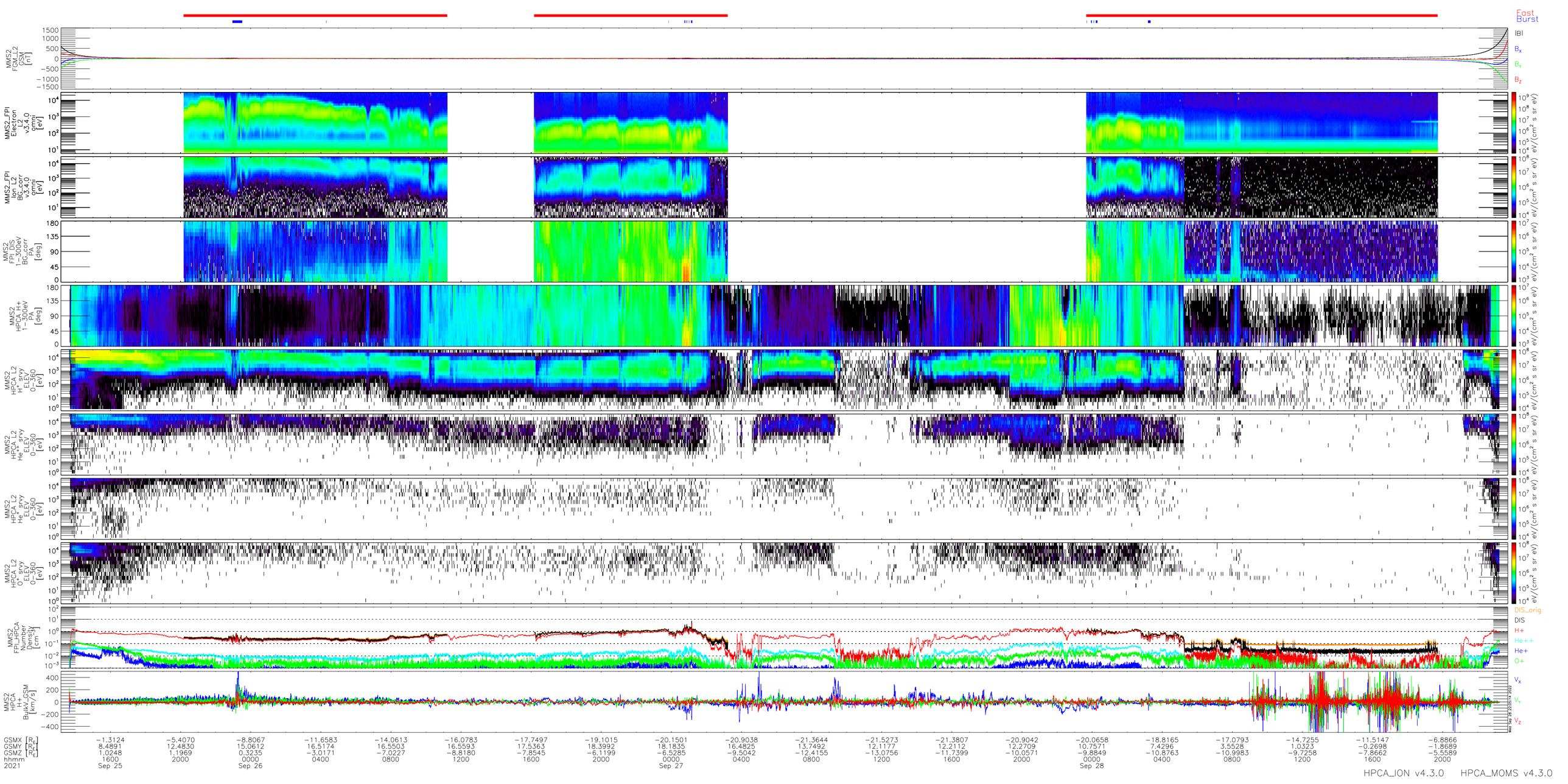
Fast
Burst
MMS2 FGM_L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS2_FPI Electron L2 v3.4.0 Omni [eV]
MMS2_FPI Ion L2 BG_corr v3.4.0 Omni [eV]
MMS2 FPI DIS >300eV BG_corr PA [deg]
MMS2 HPCA H+ 1-300eV PA [deg]
MMS2 HPCA L2 H^+ srvy ELEV 0-300 [eV]
MMS2 HPCA L2 He^{++} srvy ELEV 0-300 [eV]
MMS2 HPCA L2 He^+ srvy ELEV 0-300 [eV]
MMS2 HPCA L2 O^+ srvy ELEV 0-300 [eV]
eV/(cm² s sr eV)
MMS2 FPI/HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS2 HPCA H+ Bulk V GSM [km/s]
V_x
V_y
V_z
Wed Sep 28 23:55:14 2022
GSMX [R_E] −1.3124 −5.4070 −8.8067 −11.6583 −14.0613 −16.0783 −17.7497 −19.1015 −20.1501 −20.9038 −21.3644 −21.5273 −21.3807 −20.9042 −20.0658 −18.8165 −17.0793 −14.7255 −11.5147 −6.8866
GSMY [R_E] 8.4891 12.4830 1.1969 0.3235 −3.0171 −7.0227 −7.8545 −6.1199 −6.5285 −9.5042 −12.4155 −13.0756 −11.7399 −10.0571 −9.8849 −10.8763 −10.9983 −9.7258 −7.8662 −5.5589
GSMZ [R_E] 1.0248 2.1969 0.3235 −3.0171 −7.0227 −7.8545 −6.1199 −6.5285 −9.5042 −12.4155 −13.0756 −11.7399 −10.0571 −9.8849 −10.8763 −10.9983 −9.7258 −7.8662 −5.5589
hhmm 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000
2021 Sep 25 Sep 26 Sep 27 Sep 28
HPCA_ION v4.3.0 HPCA_MOMS v4.3.0