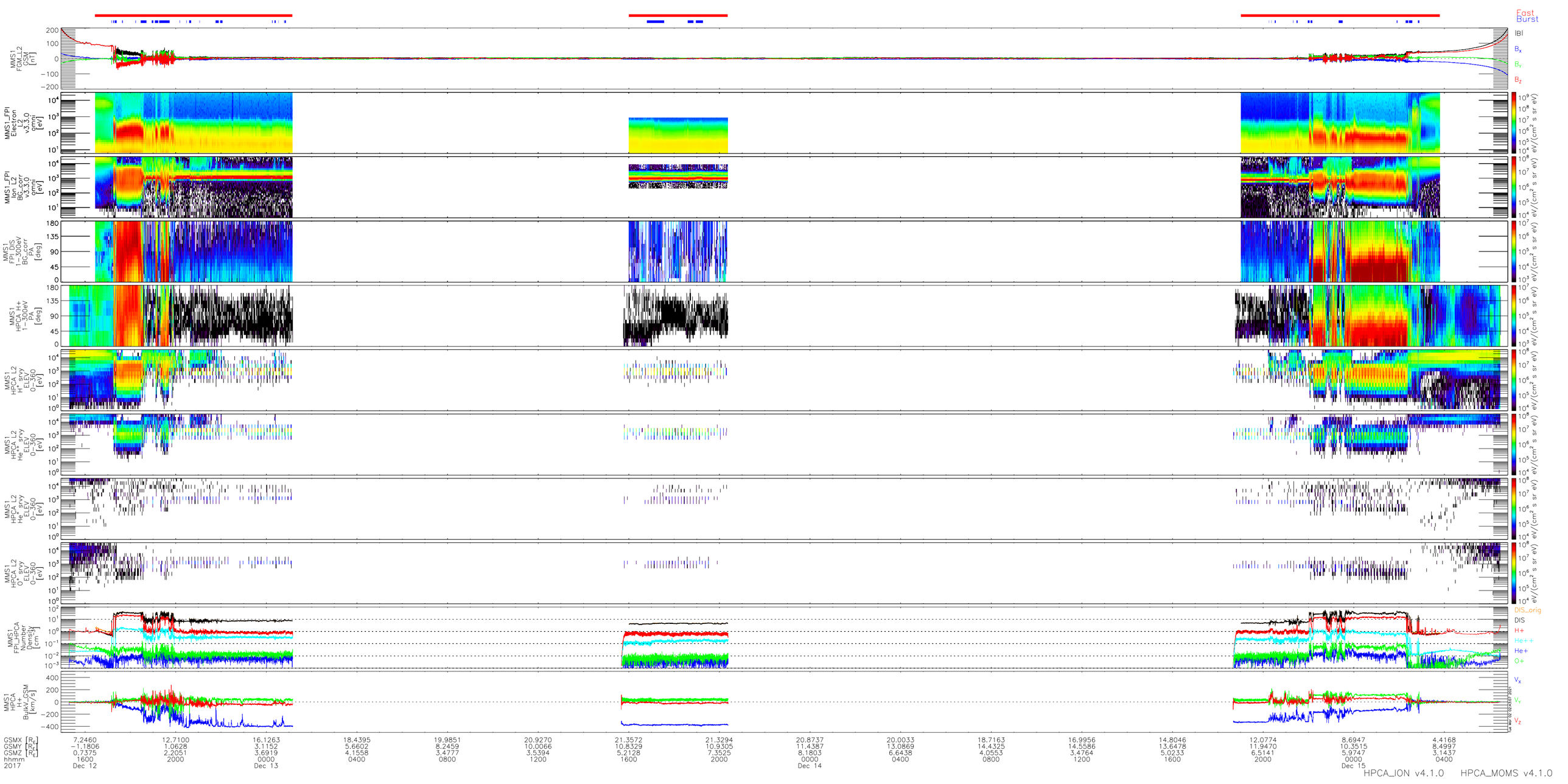
Fast
Burst
MMS1 FGM_L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS1_FPI Electron L2 v3.3.0 Omni [eV]
MMS1_FPI Ion L2 BG_corr v3.3.0 Omni [eV]
MMS1 FPI DIS 1-30keV BG_corr PA [deg]
MMS1 HPCA H+ 1-30keV PA [deg]
MMS1 HPCA L2 H^+ svy ELEV 0-360 [eV]
MMS1 HPCA L2 He^{++} svy ELEV 0-360 [eV]
MMS1 HPCA L2 He^+ svy ELEV 0-360 [eV]
MMS1 HPCA L2 O^+ svy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)
MMS1 FPI/HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+
MMS1 HPCA H+ Bulk V GSM [km/s]
V_x
V_y
V_z
Tue Mar 02 02:43:07 2021
GSMX [R_e] 7.2460 12.7100 16.1263 18.4395 19.9851 20.9270 21.3572 21.3294 20.8737 20.0033 18.7163 16.9956 14.8046 12.0774 8.6947 4.4168
GSMY [R_e] −1.1806 1.0628 3.1152 5.6602 8.2459 10.0066 10.8329 10.9305 11.4387 13.0869 14.4325 14.5586 13.6478 11.9470 10.3515 8.4997
GSMZ [R_e] 0.7375 2.2051 3.6919 4.1558 3.4777 3.5394 5.2128 7.3525 8.1803 6.6438 4.0553 3.4764 5.0233 6.5141 5.9747 3.1437
hhmm 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400
2017 Dec 12 Dec 13 Dec 14 Dec 15
HPCA_ION v4.1.0 HPCA_MOMS v4.1.0