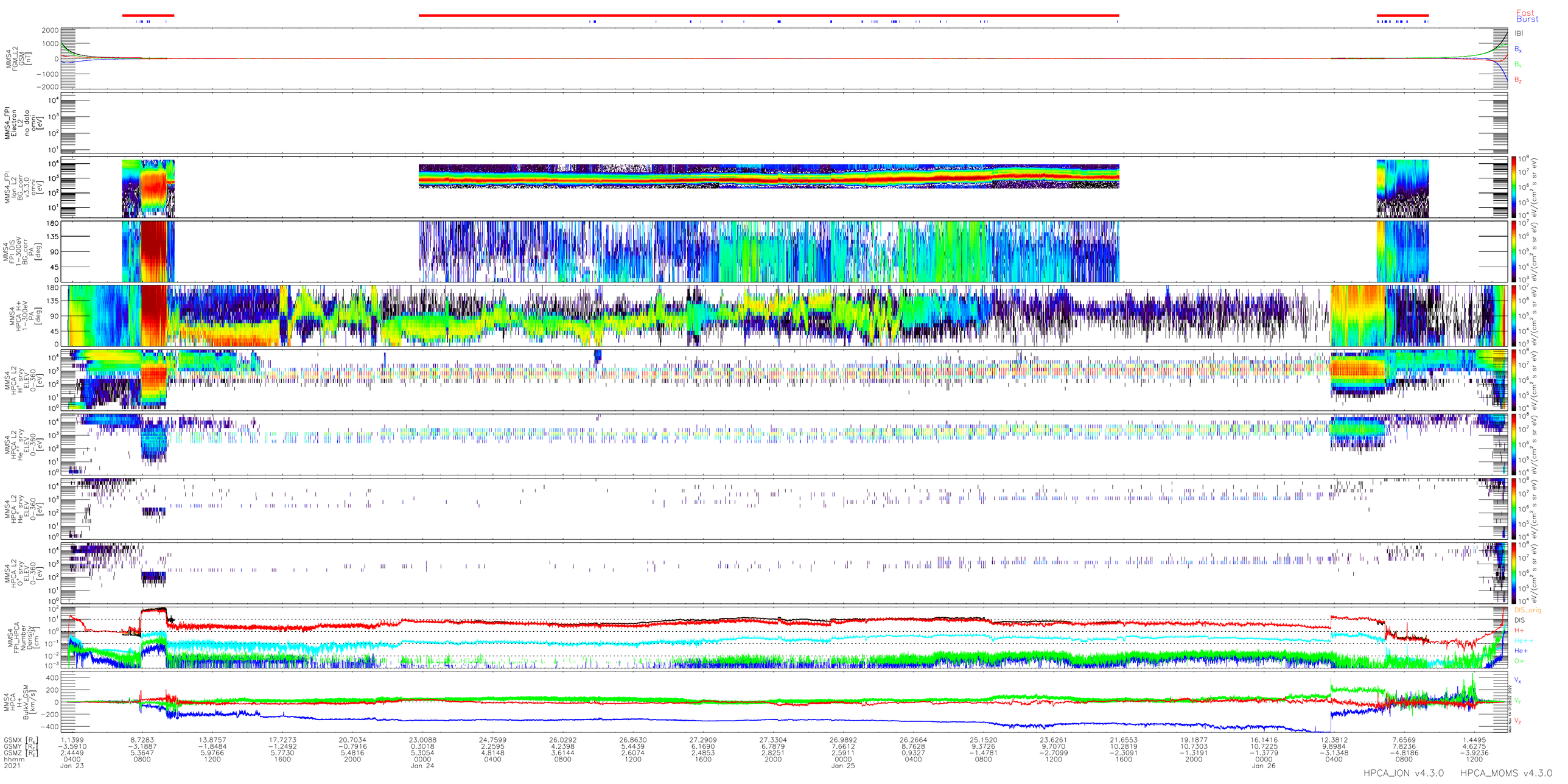
Fast
Burst
MMS4 FGM_L2 GSM [nT]
|B|
Bx
By
Bz
MMS4_FPI Electron L2 no data omni [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS4 FPI DIS >300eV BG_corr PA [deg]
MMS4 HPCA H+ 1-300eV PA [deg]
MMS4 HPCA L2 H+ svy ELEV 0-300 [eV]
MMS4 HPCA L2 He++ svy ELEV 0-300 [eV]
MMS4 HPCA L2 He+ svy ELEV 0-300 [eV]
MMS4 HPCA L2 O+ svy ELEV 0-300 [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]
Vx
Vy
Vz
GSMX [Re] 1.1399 8.7283 13.8757 17.7273 20.7034 23.0088 24.7599 26.0292 26.8630 27.2909 27.3304 26.9892 26.2664 25.1520 23.6261 21.6553 19.1877 16.1416 12.3812 7.6569 1.4495
GSMY [Re] −3.5910 −3.1887 −1.8484 −1.2492 −0.7916 0.3018 2.2595 4.2398 5.4439 6.1690 6.7879 7.6612 8.7628 9.3726 9.7070 10.2819 10.7303 10.7225 9.8984 7.8236 4.6275
GSMZ [Re] 2.4449 5.3647 5.9766 5.7730 5.4816 5.3054 4.8148 3.6144 2.6074 2.4853 2.8251 2.5911 0.9327 −1.4781 −2.7099 −2.3091 −1.3191 −1.3779 −3.1348 −4.8186 −3.9236
hhmm 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200 1600 2000 0000 0400 0800 1200
2021 Jan 23 Jan 24 Jan 25 Jan 26
HPCA_ION v4.3.0 HPCA_MOMS v4.3.0