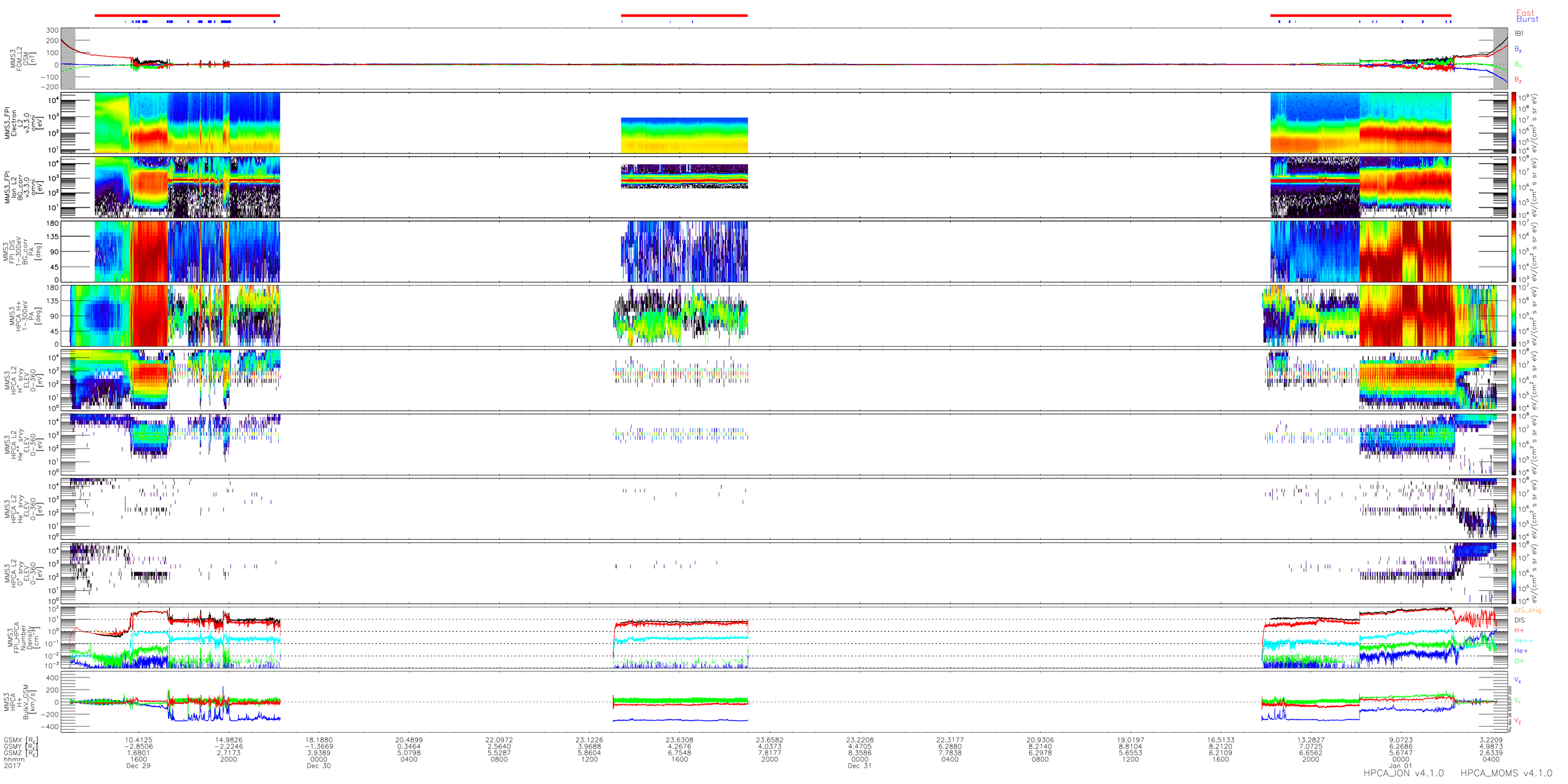
Fast
Burst
MMS3 FGM_L2 DSP [nT]
IBI
Bx
By
Bz
MMS3_FPI Electron L2 v3.3.0 omni [eV]
MMS3_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS3 FPI DIS 1-30keV BG_corr PA [deg]
MMS3 HPCA H+ 1-30keV PA [deg]
MMS3 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm2 s sr eV)
MMS3 FPI/HPCA Number Density [cm-3]
DIS_orig
DIS
H+
He++
He+
O+
MMS3 HPCA H+ Bulk V_GSM [km/s]
Vx
Vy
Vz
GSMX [Re]
GSMY [Re]
GSMZ [Re]
hhmm
2017
10.4125 −2.8506 1.6801 1600 Dec 29
14.9826 −2.2246 2.7173 2000
18.1880 −1.3669 3.9389 0000 Dec 30
20.4899 0.3464 5.0798 0400
22.0972 2.5640 5.5287 0800
23.1226 3.9688 5.8604 1200
23.6308 4.2676 6.7548 1600
23.6582 4.0373 7.8177 2000
23.2208 4.4705 8.3586 0000 Dec 31
22.3177 6.2880 7.7838 0400
20.9306 8.2140 6.2978 0800
19.0197 8.8104 5.6553 1200
16.5133 8.2120 6.2109 1600
13.2827 7.0725 6.6562 2000
9.0723 6.2686 5.6747 0000 Jan 01
3.2209 4.9873 2.6339 0400
HPCA_ION v4.1.0
HPCA_MOMS v4.1.0