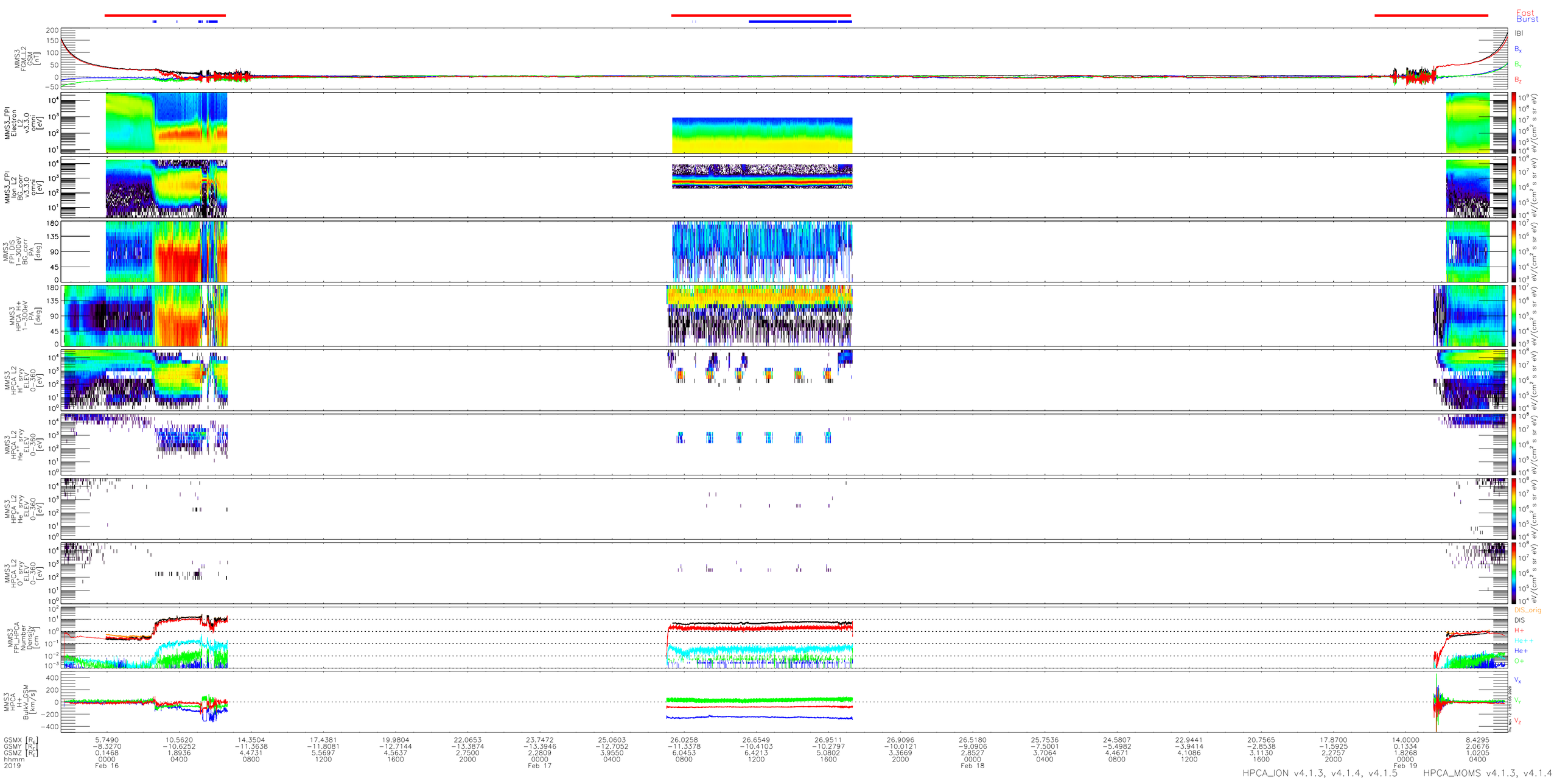
Fast
Burst
MMS3 FGM_L2 GSM [nT]
IBI
Bx
By
Bz
MMS3_FPI Electron L2 v3.3.0 Omni [eV]
MMS3_FPI Ion L2 BG_corr v3.3.0 Omni [eV]
MMS3 FPI DIS 1-30keV BG_corr PA [deg]
MMS3 HPCA H+ 1-30keV PA [deg]
MMS3 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS3 HPCA L2 O+ srvy ELEV 0-360 [eV]
eV/(cm2 s sr eV)
MMS3 FPI DIS 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
2019
5.7490 −8.3270 0.1468 0000 Feb 16
10.5620 −10.6252 1.8936 0400
14.3504 −11.3638 4.4731 0800
17.4381 −11.8081 5.5697 1200
19.9804 −12.7144 4.5637 1600
22.0653 −13.3874 2.7500 2000
23.7472 −13.3946 2.2809 0000 Feb 17
25.0603 −12.7052 3.9550 0400
26.0258 −11.3378 6.0453 0800
26.6549 −10.4103 6.4213 1200
26.9511 −10.2797 5.0802 1600
26.9096 −10.0121 3.3669 2000
26.5180 −9.0906 2.8527 0000 Feb 18
25.7536 −7.5001 3.7064 0400
24.5807 −5.4982 4.4671 0800
22.9441 −3.9414 4.1086 1200
20.7565 −2.8538 3.1130 1600
17.8700 −1.5925 2.2757 2000
14.0000 0.1334 1.8268 0000 Feb 19
8.4295 2.0676 1.0205 0400
Thu Nov 17 10:51:06 2022
HPCA_ION v4.1.3, v4.1.4, v4.1.5
HPCA_MOMS v4.1.3, v4.1.4