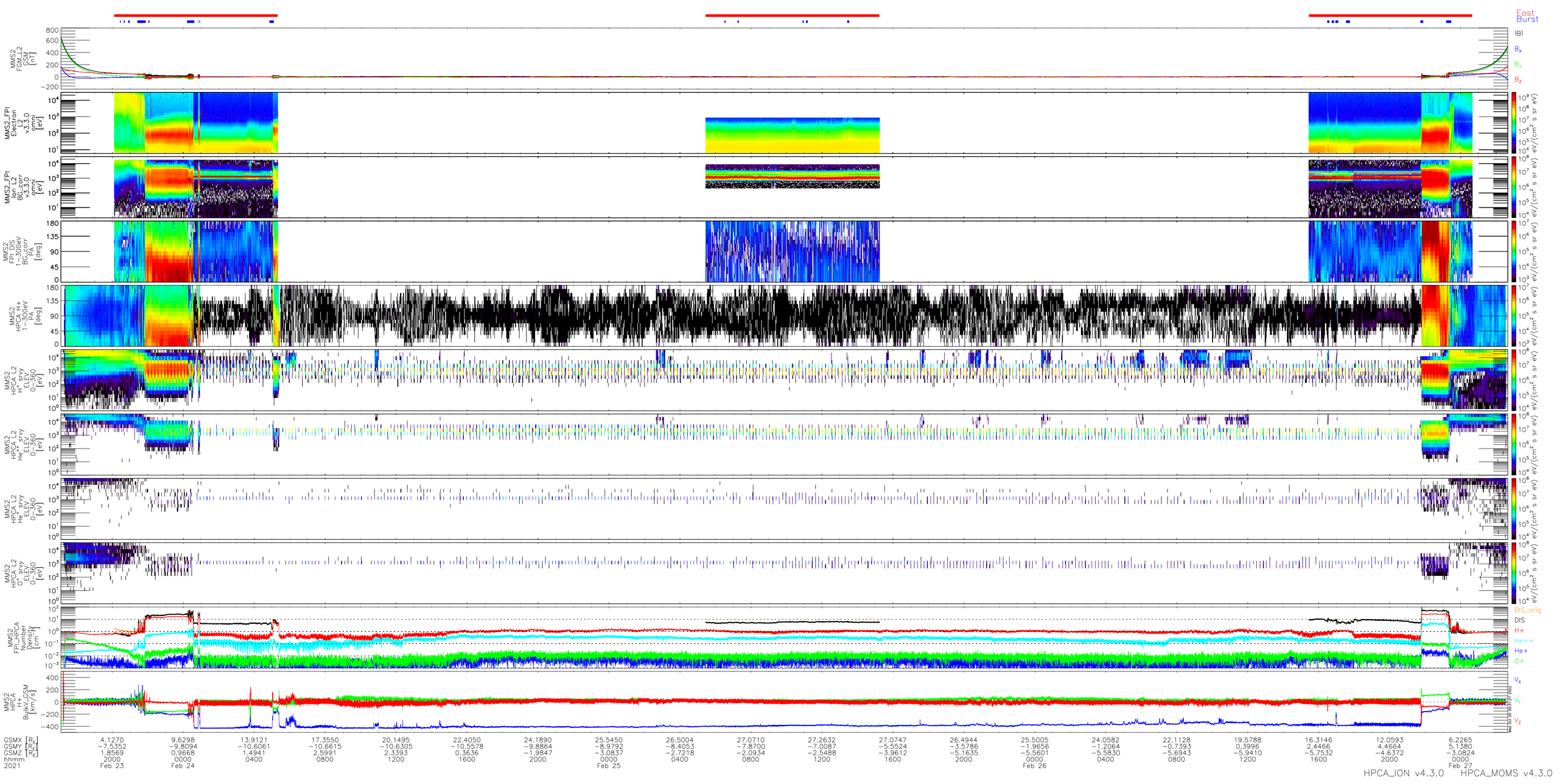
Fast
Burst
MMS2 FGM_L2 DSL [nT]
IBI
Bx
By
Bz
MMS2_FPI Electron L2 v3.3.0 omni [eV]
MMS2_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS2 FPI DIS 1-30keV BG_corr PA [deg]
MMS2 HPCA H+ 1-30keV PA [deg]
MMS2 HPCA L2 H+ srvy ELEV 0-360 [eV]
MMS2 HPCA L2 He++ srvy ELEV 0-360 [eV]
MMS2 HPCA L2 He+ srvy ELEV 0-360 [eV]
MMS2 HPCA L2 O+ srvy ELEV 0-360 [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]
Vx
Vy
Vz
GSMX [Re]
GSMY [Re]
GSMZ [Re]
hhmm
2021
4.1270 −7.5352 1.8569 2000 Feb 23
9.6298 −9.8094 0.9668 0000 Feb 24
13.9121 −10.6061 1.4941 0400
17.3550 −10.6615 2.5991 0800
20.1495 −10.6305 2.3393 1200
22.4050 −10.5578 0.3636 1600
24.1890 −9.8864 −1.9847 2000
25.5450 −8.9792 −3.0837 0000 Feb 25
26.5004 −8.4053 −2.7218 0400
27.0710 −7.8700 −2.0934 0800
27.2632 −7.0087 −2.5488 1200
27.0747 −5.5524 −3.9612 1600
26.4944 −3.5786 −5.1635 2000
25.5005 −1.9656 −5.5601 0000 Feb 26
24.0582 −1.2064 −5.5830 0400
22.1128 −0.7393 −5.6943 0800
19.5788 0.3996 −5.9410 1200
16.3146 2.4466 −5.7532 1600
12.0593 4.4664 −4.6372 2000
6.2265 5.1380 −3.0824 0000 Feb 27
Wed Oct 05 05:15:27 2022
HPCA_ION v4.3.0
HPCA_MOMS v4.3.0