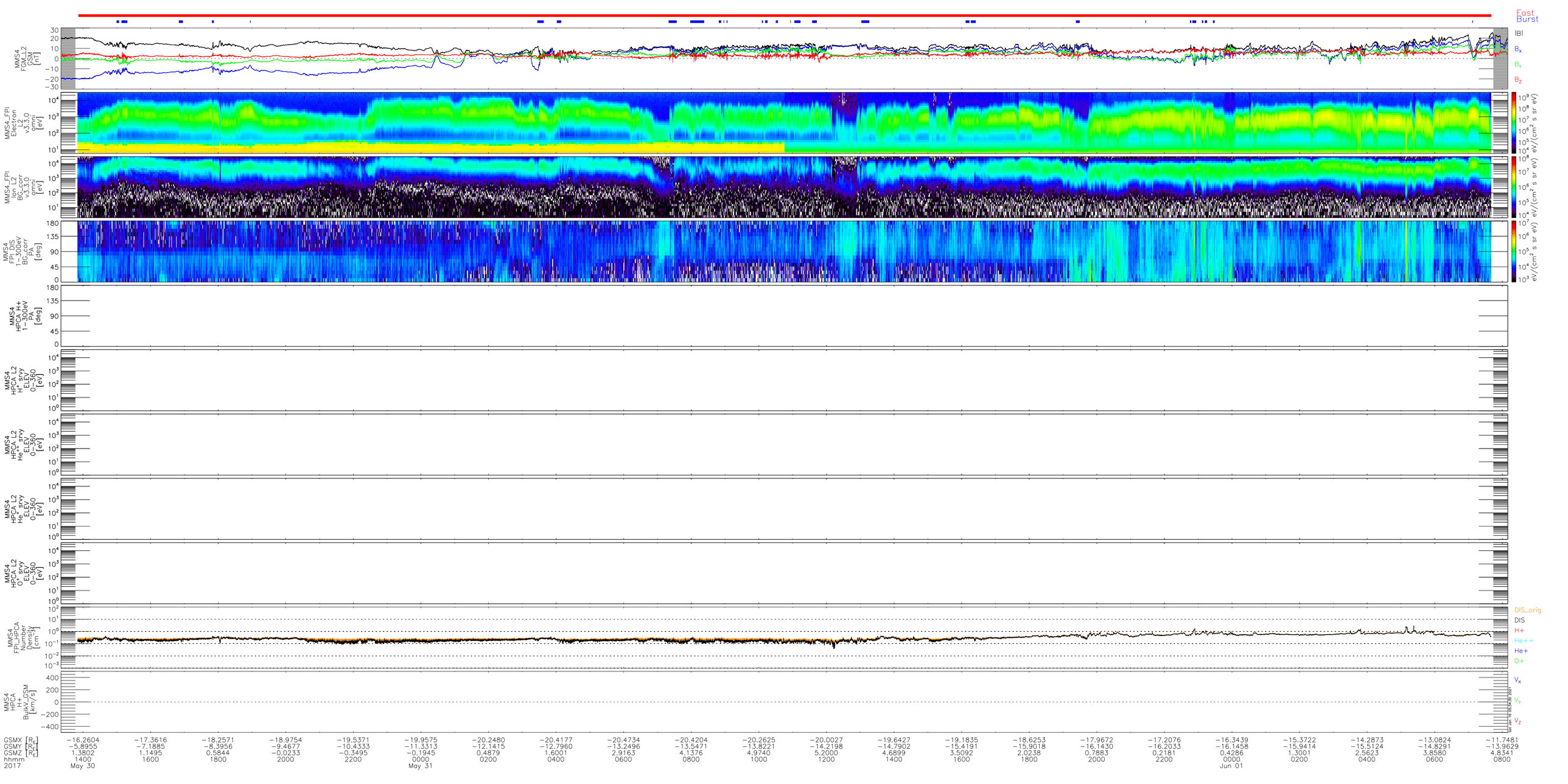
Fast
Burst
MMS4 FGM L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS4_FPI Electron L2 v3.3.0 Omni [eV]
eV/(cm² s sr eV)
MMS4_FPI Ion L2 BG_corr v3.3.0 Omni [eV]
eV/(cm² s sr eV)
MMS4 FPI DIS 1–30keV BG_corr PA [deg]
eV/(cm² s sr eV)
MMS4 HPCA H+ 1–30keV PA [deg]
MMS4 HPCA H+ srvy ELEV 0–360 [eV]
MMS4 HPCA L2 He++ srvy ELEV 0–360 [eV]
MMS4 HPCA L2 He+ srvy ELEV 0–360 [eV]
MMS4 HPCA L2 O+ srvy ELEV 0–360 [eV]
MMS4 FPI+HPCA Number Density [cm⁻³]
DIS_orig
DIS
H+
He++
He+
O+
MMS4 HPCA H+ Bulk V GSM [km/s]
V_x
V_y
V_z
Sat Jan 16 05:30:30 2021
GSMX [R_E] −16.2604 −17.3616 −18.2571 −18.9754 −19.5371 −19.9575 −20.2480 −20.4177 −20.4734 −20.4204 −20.2625 −20.0027 −19.6427 −19.1835 −18.6253 −17.9672 −17.2076 −16.3439 −15.3722 −14.2873 −13.0824 −11.7481
GSMY [R_E] −5.8955 −7.1885 −8.3956 −9.4677 −10.4333 −11.3313 −12.1415 −12.7960 −13.2496 −13.5471 −13.8221 −14.2198 −14.7902 −15.4191 −15.9018 −16.1430 −16.2033 −16.1458 −15.9414 −15.5124 −14.8291 −13.9629
GSMZ [R_E] 1.3802 1.1495 0.5844 −0.0233 −0.3495 −0.1945 0.4879 1.6001 2.9163 4.1376 4.9740 5.2000 4.6899 3.5092 2.0238 0.7883 0.2181 0.4286 1.3001 2.5623 3.8580 4.8341
hhmm 1400 1600 1800 2000 2200 0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000 0200 0400 0600 0800
2017 May 30 May 31 Jun 01