Fast
Burst

MMS4 FGM_L2 GSM [nT]
80
60
40
20
0
−20
−40
IBI
B_x
B_y
B_z

MMS4_FPI Electron L2 v3.3.0 omni [eV]
10^4
10^3
10^2
10^1

MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
10^4
10^3
10^2
10^1

MMS4 HPCA L2 H^+ srvy ELEV 0−360 [eV]
10^4
10^3
10^2
10^1
10^0
10^8
10^7
10^6
10^5
10^4
eV/(cm^2 s sr eV)

MMS4_EDP_HF Fpe_DIS(White) Fpe_HPCA(Magenta) Fce_FGM(Black) [Hz]
10^4
10^{-10}
10^{-12}
10^{-14}
10^{-16}
(V/m)^2 Hz^{-1}

MMS4 FPI_HPCA Number Density [cm^{-3}]
10^2
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
DIS_orig
DIS
H+
He++
He+
O+

MMS4 HPCA H+ BulkV_GSM [km/s]
400
200
0
−200
−400
V_x
V_y
V_z
Sat Nov 07 19:36:19 2020

GSMX [R_E]	0.3723	0.3110	0.2496	0.1881	0.1266	0.0650	0.0034	−0.0581	−0.1197	−0.1813	−0.2428	−0.3043	−0.3658
GSMY [R_E]	9.1156	9.0431	8.9690	8.8931	8.8155	8.7361	8.6549	8.5719	8.4870	8.4003	8.3116	8.2210	8.1283
GSMZ [R_E]	−0.8520	−0.8413	−0.8311	−0.8211	−0.8115	−0.8022	−0.7931	−0.7842	−0.7755	−0.7669	−0.7585	−0.7501	−0.7418
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100
2016 Oct 21													

EDP_HFESP v0.4.0