Fast
Burst

MMS4 FGM_L2 GSM [nT]
IBI
B_x
B_y
B_z

MMS4_FPI Electron L2 no data omni [eV]

MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
eV/(cm^2 s sr eV)

MMS4 HPCA L2 H$^+$ srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)

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

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

MMS4 HPCA H+ BulkV_GSM [km/s]
V_x
V_y
V_z
Mon Aug 29 05:05:49 2022

GSMX [R_E]	12.6213	12.6631	12.7046	12.7458	12.7867	12.8272	12.8674	12.9073	12.9468	12.9861	13.0250	13.0636	13.1019
GSMY [R_E]	8.4860	8.5645	8.6434	8.7227	8.8025	8.8828	8.9636	9.0448	9.1264	9.2085	9.2911	9.3741	9.4575
GSMZ [R_E]	7.8291	7.8385	7.8469	7.8541	7.8601	7.8650	7.8688	7.8714	7.8727	7.8729	7.8718	7.8695	7.8659
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100
2019 Dec 11													

EDP_HFESP v0.4.2, v0.4.3, v0.4.4