ROI
Burst

MMS1_FPI Electron L2 v3.3.0 omni [eV]

10^4 10^3 10^2 10^1

10^9 10^8 10^7 10^6 10^5 10^4 eV/(cm^2 s sr eV)

MMS1_FPI Ion L2 v3.3.0 omni [eV]

10^4 10^3 10^2 10^1

10^8 10^7 10^6 10^5 10^4 eV/(cm^2 s sr eV)

MMS1 FPI_L2 Electron(blue) Ion(red) Number Density [cm^{-3}]

10^2 10^1 10^0 10^{-1}

MMS1_EDP s/c pot [-V]

10^2 10^1 10^0 10^{-1}

MMS1 FPI_L2 Temp [eV]

10^4 10^3 10^2 10^1

Ti_Perp
Ti_Para
Te_Perp
Te_Para

MMS1 FPI_L2 Ion BulkV_GSM [km/s]

100 0 −100 −200 −300

V_X
V_Y
V_Z

MMS1_FGM L2_GSM 2.5 sec averaged [nT]

15 10 5 0 −5 −10 −15

B_X
B_Y
B_Z

MMS1 FGM Btotal [nT]

15 10 5 0

L2
v5.251.1
Sun Nov 29 17:55:29 2020

GSMX [R_E]	−13.5903	−13.5776	−13.5646	−13.5512	−13.5375	−13.5234	−13.5090	−13.4942	−13.4791	−13.4637	−13.4479	−13.4318	−13.4153
GSMY [R_E]	−23.8335	−23.8799	−23.9263	−23.9726	−24.0187	−24.0647	−24.1104	−24.1559	−24.2009	−24.2456	−24.2897	−24.3333	−24.3762
GSMZ [R_E]	−1.9384	−1.9136	−1.8816	−1.8427	−1.7970	−1.7446	−1.6856	−1.6204	−1.5489	−1.4715	−1.3883	−1.2995	−1.2053
hhmm	0000	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200

2020 Jun 04