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]

400 200 0 −200 −400 −600

V_X
V_Y
V_Z

MMS1_FGM L2_GSM 2.5 sec averaged [nT]

30 20 10 0 −10 −20 −30

B_X
B_Y
B_Z

MMS1 FGM Btotal [nT]

30 25 20 15 10 5 0

L2 v5.100.0

Fri Aug 28 11:29:57 2020

GSMX [R_E]	−16.1675	−16.1913	−16.2145	−16.2372	−16.2593	−16.2808	−16.3018	−16.3221	−16.3420	−16.3612	−16.3799	−16.3981	−16.4156
GSMY [R_E]	19.1075	19.0796	19.0515	19.0232	18.9946	18.9657	18.9364	18.9067	18.8764	18.8457	18.8143	18.7823	18.7496
GSMZ [R_E]	1.7919	1.7620	1.7267	1.6861	1.6403	1.5895	1.5338	1.4735	1.4086	1.3394	1.2660	1.1886	1.1075
hhmm	0000	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200

2017 Sep 01