ROI
Burst

MMS3_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)

MMS3_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)

MMS3 FPI_L2 Electron(blue) Ion(red) Number Density [cm^{-3}]

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

MMS3_EDP s/c pot [-V]

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

MMS3 FPI_L2 Temp [eV]

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

Ti_Perp
Ti_Para
Te_Perp
Te_Para

MMS3 FPI_L2 Ion BulkV_GSM [km/s]

100 0 −100 −200 −300

V_X
V_Y
V_Z

MMS3_FGM L2_GSM 2.5 sec averaged [nT]

15 10 5 0 −5 −10 −15

B_X
B_Y
B_Z

MMS3 FGM Btotal [nT]

15 10 5 0

L2
v5.245.2

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GSMX [R_E]	−13.5903	−13.5776	−13.5645	−13.5512	−13.5374	−13.5233	−13.5089	−13.4941	−13.4790	−13.4636	−13.4478	−13.4317	−13.4152
GSMY [R_E]	−23.8321	−23.8785	−23.9249	−23.9712	−24.0174	−24.0633	−24.1091	−24.1545	−24.1996	−24.2443	−24.2884	−24.3320	−24.3750
GSMZ [R_E]	−1.9404	−1.9156	−1.8837	−1.8448	−1.7990	−1.7467	−1.6878	−1.6225	−1.5511	−1.4737	−1.3905	−1.3017	−1.2076
hhmm	0000	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200

2020 Jun 04