ROI
Burst

MMS1_FPI Electron L2 v3.4.0 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 v3.4.0 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]

200
100
0
−100
−200
−300
−400

V_X
V_Y
V_Z

MMS1_FGM L2_GSM 2.5 sec averaged [nT]

40
30
20
10
0
−10

B_X
B_Y
B_Z

MMS1 FGM Btotal [nT]

50
40
30
20
10
0

L2
v5.336.0
Mon Jun 20 16:17:04 2022

GSMX [R_E]	12.9932	12.8113	12.6274	12.4415	12.2535	12.0633	11.8710	11.6764	11.4796	11.2805	11.0791	10.8752	10.6689
GSMY [R_E]	6.0814	6.0914	6.0991	6.1043	6.1071	6.1076	6.1058	6.1016	6.0952	6.0865	6.0755	6.0624	6.0471
GSMZ [R_E]	−5.5311	−5.4902	−5.4503	−5.4113	−5.3733	−5.3362	−5.2999	−5.2644	−5.2296	−5.1954	−5.1617	−5.1284	−5.0955
hhmm	0000	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200

2022 Feb 27