ROI
Burst

MMS2_FPI Electron L2 v3.4.1 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)

MMS2_FPI Ion L2 v3.4.1 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)

MMS2 FPI_L2 Electron(blue) Ion(red) Number Density [cm^{-3}]

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

MMS2_EDP s/c pot [-V]

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

MMS2 FPI_L2 Temp [eV]

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

Ti_Perp
Ti_Para
Te_Perp
Te_Para

MMS2 FPI_L2 Ion BulkV_GSM [km/s]

200 0 −200 −400 −600

V_X
V_Y
V_Z

MMS2_FGM L2_GSM 2.5 sec averaged [nT]

10 5 0 −5 −10

B_X
B_Y
B_Z

MMS2 FGM Btotal [nT]

14 12 10 8 6 4 2 0

Sun May 28 18:01:02 2023

L2 v5.378.0

GSMX [R_E]	12.2324	12.2433	12.2537	12.2635	12.2728	12.2816	12.2898	12.2975	12.3046	12.3113	12.3174	12.3230	12.3282
GSMY [R_E]	18.8868	18.9877	19.0869	19.1842	19.2797	19.3732	19.4646	19.5538	19.6408	19.7253	19.8074	19.8869	19.9636
GSMZ [R_E]	−1.4892	−1.5702	−1.6580	−1.7526	−1.8541	−1.9625	−2.0778	−2.2000	−2.3291	−2.4649	−2.6075	−2.7567	−2.9123
hhmm	0000	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200

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