ROI
Burst

MMS1_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)

MMS1_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)

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 Ion BulkV_LMN [km/s]

100 0 −100 −200 −300 −400 −500

V_L V_M V_N

MMS1 FGM_srvy LMN [nT]

15 10 5 0 −5 −10

|B| B_L B_M B_N

Current Density LMN [nA/m^2]

100 50 0 −50 −100

J_L J_M J_N

Current Density Magnitude [nA/m^2]

1000 100 10

|J| |J_para| |J_perp|

|divB|/|rotB|

10.0 1.0 0.1

Sun May 28 11:03:55 2023

GSMX [R_E]	12.2309	12.2364	12.2418	12.2471	12.2522	12.2572	12.2621	12.2668	12.2714	12.2758	12.2801	12.2843	12.2883
GSMY [R_E]	18.8857	18.9363	18.9866	19.0364	19.0858	19.1347	19.1831	19.2311	19.2786	19.3256	19.3721	19.4180	19.4635
GSMZ [R_E]	−1.4923	−1.5319	−1.5733	−1.6163	−1.6611	−1.7075	−1.7557	−1.8056	−1.8572	−1.9105	−1.9656	−2.0224	−2.0809
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100

2022 Dec 10