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 Ion BulkV_LMN [km/s]

400
300
200
100
0
−100
−200

V_L
V_M
V_N

MMS1 FGM_srvy LMN [nT]

30
20
10
0
−10
−20
−30

|B|
B_L
B_M
B_N

Current Density LMN [nA/m^2]

600
400
200
0
−200
−400
−600
−800

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

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GSMX [R_E]	−0.8529	−0.8291	−0.8052	−0.7814	−0.7575	−0.7336	−0.7097	−0.6858	−0.6619	−0.6380	−0.6140	−0.5901	−0.5661
GSMY [R_E]	−19.4533	−19.4424	−19.4322	−19.4229	−19.4144	−19.4067	−19.3997	−19.3934	−19.3878	−19.3829	−19.3786	−19.3750	−19.3719
GSMZ [R_E]	−15.6876	−15.6426	−15.5962	−15.5484	−15.4991	−15.4485	−15.3964	−15.3431	−15.2883	−15.2323	−15.1750	−15.1164	−15.0565
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100
2023 Jun 05													