ROI
Burst

MMS3_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
cm^2 s sr eV) eV/(cm^2 s sr eV)

MMS3_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
cm^2 s sr eV) 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
Ion
BulkV_LMN
[km/s]

0
−100
−200
−300
−400

V_L
V_M
V_N

MMS3
FGM_srvy
LMN
[nT]

10
5
0
−5
−10

|B|
B_L
B_M
B_N

Current
Density
LMN
[nA/m^2]

100
50
0
−50
−100
−150

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

Thu Jun 23 00:07:15 2022

GSMX [R_E]	12.9958	12.9051	12.8140	12.7223	12.6301	12.5374	12.4442	12.3505	12.2562	12.1615	12.0661	11.9703	11.8739
GSMY [R_E]	6.0837	6.0890	6.0937	6.0978	6.1013	6.1043	6.1066	6.1083	6.1094	6.1100	6.1099	6.1093	6.1081
GSMZ [R_E]	−5.5330	−5.5124	−5.4921	−5.4720	−5.4522	−5.4326	−5.4132	−5.3941	−5.3752	−5.3566	−5.3381	−5.3199	−5.3019
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100
2022 Feb 27													