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
cm^2 s sr eV) 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) 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]

0
−100
−200
−300
−400

V_L
V_M
V_N

MMS1
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

Mon Jun 20 16:49:04 2022

GSMX [R_E]
GSMY [R_E]
GSMZ [R_E]
hhmm
2022 Feb 27

12.9932	12.9025	12.8113	12.7196	12.6274	12.5347	12.4415	12.3477	12.2535	12.1586	12.0633	11.9674	11.8710
6.0814	6.0867	6.0914	6.0956	6.0991	6.1020	6.1043	6.1060	6.1071	6.1077	6.1076	6.1070	6.1058
−5.5311	−5.5105	−5.4902	−5.4701	−5.4503	−5.4307	−5.4113	−5.3922	−5.3733	−5.3547	−5.3362	−5.3180	−5.2999
0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100