ROI
Burst

MMS1_FPI
Electron
L2
v3.3.0
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
v3.3.0
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]

80
60
40
20
0
−20
−40

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]

10
5
0
−5
−10

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

Wed Aug 26 12:29:32 2020

GSMX [R_E]	−0.8895	−0.9216	−0.9536	−0.9856	−1.0176	−1.0495	−1.0814	−1.1133	−1.1451	−1.1768	−1.2085	−1.2402	−1.2718
GSMY [R_E]	14.5077	14.4268	14.3454	14.2634	14.1808	14.0976	14.0137	13.9292	13.8440	13.7581	13.6714	13.5840	13.4958
GSMZ [R_E]	1.8437	1.8039	1.7630	1.7211	1.6781	1.6342	1.5892	1.5434	1.4966	1.4490	1.4005	1.3513	1.3012
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100

2018 Nov 18