ROI
Burst

MMS3_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)

MMS3_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)

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
Temp
[eV]

10^4
10^3
10^2
10^1

Ti_Perp
Ti_Para
Te_Perp
Te_Para

MMS3
FPI_L2
Ion
BulkV_GSM
[km/s]

100
0
−100
−200
−300
−400

V_X
V_Y
V_Z

MMS3_FGM
L2_GSM
2.5 sec
averaged
[nT]

20
10
0
−10
−20

B_X
B_Y
B_Z

MMS3
FGM
Btotal
[nT]

25
20
15
10
5
0

L2
v5.302.0
Mon Dec 20 16:57:31 2021

GSMX [R_E]	−17.5840	−17.5582	−17.5320	−17.5053	−17.4782	−17.4507	−17.4228	−17.3944	−17.3656	−17.3363	−17.3067	−17.2766	−17.2460
GSMY [R_E]	−21.3741	−21.4038	−21.4346	−21.4663	−21.4988	−21.5322	−21.5662	−21.6009	−21.6362	−21.6719	−21.7080	−21.7444	−21.7811
GSMZ [R_E]	−5.0268	−5.0110	−4.9887	−4.9603	−4.9258	−4.8853	−4.8390	−4.7870	−4.7296	−4.6668	−4.5989	−4.5260	−4.4484
hhmm	0000	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200

2021 Jun 21