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]

6
4
2
0
−2
−4
−6

B_X
B_Y
B_Z

MMS3
FGM
Btotal
[nT]

8
6
4
2
0

L2
v5.128.0
Sun Sep 20 17:40:51 2020

GSMX [R_E]	12.3732	12.4881	12.6019	12.7147	12.8266	12.9374	13.0473	13.1561	13.2640	13.3710	13.4770	13.5820	13.6861
GSMY [R_E]	−14.0519	−14.1015	−14.1508	−14.1996	−14.2482	−14.2964	−14.3442	−14.3918	−14.4392	−14.4862	−14.5330	−14.5795	−14.6256
GSMZ [R_E]	−2.3402	−2.3566	−2.3688	−2.3767	−2.3802	−2.3793	−2.3738	−2.3637	−2.3488	−2.3292	−2.3048	−2.2755	−2.2413
hhmm	2200	2210	2220	2230	2240	2250	2300	2310	2320	2330	2340	2350	0000
2018	Feb 15												Feb 16