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 Temp [eV]

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

Ti_Perp
Ti_Para
Te_Perp
Te_Para

MMS1 FPI_L2 Ion BulkV_GSM [km/s]

100 0 −100 −200 −300 −400

V_X
V_Y
V_Z

MMS1_FGM L2_GSM 2.5 sec averaged [nT]

6 4 2 0 −2 −4 −6 −8

B_X
B_Y
B_Z

MMS1 FGM Btotal [nT]

8 6 4 2 0

Thu Aug 27 21:23:30 2020

L2
v5.128.0

GSMX [R_E]	12.3768	12.4917	12.6055	12.7183	12.8302	12.9410	13.0508	13.1597	13.2676	13.3745	13.4805	13.5856	13.6896
GSMY [R_E]	−14.0493	−14.0989	−14.1482	−14.1971	−14.2456	−14.2938	−14.3417	−14.3893	−14.4366	−14.4837	−14.5304	−14.5769	−14.6231
GSMZ [R_E]	−2.3395	−2.3559	−2.3681	−2.3760	−2.3796	−2.3787	−2.3732	−2.3631	−2.3482	−2.3287	−2.3042	−2.2750	−2.2408
hhmm	2200	2210	2220	2230	2240	2250	2300	2310	2320	2330	2340	2350	0000
2018	Feb 15												Feb 16