ROI
Burst

MMS2_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)

MMS2_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)

MMS2 FPI_L2 Electron(blue) Ion(red) Number Density [cm^{-3}]

10^2 10^1 10^0 10^{-1}

MMS2_EDP s/c pot [-V]

10^2 10^1 10^0 10^{-1}

MMS2 FPI_L2 Ion BulkV_LMN [km/s]

100 50 0 −50 −100 −150 −200 −250

V_L V_M V_N

MMS2 FGM_srvy LMN [nT]

30 20 10 0 −10 −20

|B| B_L B_M B_N

Current Density LMN [nA/m^2]

200 100 0 −100 −200

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

Sat Sep 12 14:32:57 2020

GSMX [R_E]	8.5079	8.4373	8.3664	8.2951	8.2235	8.1516	8.0793	8.0066	7.9337	7.8603	7.7866	7.7126	7.6381
GSMY [R_E]	12.6274	12.5770	12.5261	12.4747	12.4227	12.3702	12.3172	12.2636	12.2094	12.1547	12.0994	12.0435	11.9871
GSMZ [R_E]	1.6567	1.6697	1.6830	1.6965	1.7102	1.7241	1.7381	1.7522	1.7664	1.7807	1.7949	1.8092	1.8235
hhmm	1400	1405	1410	1415	1420	1425	1430	1435	1440	1445	1450	1455	1500

2018 Dec 24