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]

100 0 −100 −200 −300 −400

$V_L$ $V_M$ $V_N$

MMS1 FGM_srvy LMN [nT]

6 4 2 0 −2 −4 −6

|B| $B_L$ $B_M$ $B_N$

Current Density LMN [nA/m$^2$]

30 20 10 0 −10 −20

$J_L$ $J_M$ $J_N$

Current Density Magnitude [nA/m$^2$]

1000 100 10

|J| |J_para| |J_perp|

|divB|/|rotB|

10.0 1.0 0.1

Fri Aug 28 07:31:07 2020

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GSMX [$R_E$] | 5.7633 | 5.7465 | 5.7297 | 5.7128 | 5.6959 | 5.6789 | 5.6619 | 5.6448 | 5.6276 | 5.6104 | 5.5931 | 5.5758 | 5.5584 |
| GSMY [$R_E$] | 22.7041 | 22.7358 | 22.7673 | 22.7985 | 22.8295 | 22.8603 | 22.8908 | 22.9211 | 22.9511 | 22.9809 | 23.0103 | 23.0395 | 23.0684 |
| GSMZ [$R_E$] | 0.5950 | 0.5725 | 0.5483 | 0.5222 | 0.4942 | 0.4645 | 0.4329 | 0.3994 | 0.3642 | 0.3272 | 0.2884 | 0.2478 | 0.2054 |
| hhmm | 0000 | 0005 | 0010 | 0015 | 0020 | 0025 | 0030 | 0035 | 0040 | 0045 | 0050 | 0055 | 0100 |

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