ROI
Burst

MMS1_FPI Electron L2 v3.3.0 omni [eV]

MMS1_FPI Ion L2 v3.3.0 omni [eV]

eV/(cm$^2$ s sr eV)

MMS1 FPI_L2 Electron(blue) Ion(red) Number Density [cm$^{-3}$]

MMS1_EDP s/c pot [−V]

MMS1 FPI_L2 Ion BulkV_LMN [km/s]

$V_L$ $V_M$ $V_N$

MMS1 FGM_srvy LMN [nT]

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

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

$J_L$ $J_M$ $J_N$

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

|J| |J_para| |J_perp|

|divB|/|rotB|

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| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GSMX [$R_E$] | 17.8168 | 17.8294 | 17.8420 | 17.8544 | 17.8667 | 17.8790 | 17.8911 | 17.9031 | 17.9150 | 17.9268 | 17.9385 | 17.9501 | 17.9616 |
| GSMY [$R_E$] | −20.4251 | −20.4155 | −20.4064 | −20.3978 | −20.3898 | −20.3822 | −20.3752 | −20.3686 | −20.3625 | −20.3569 | −20.3517 | −20.3469 | −20.3426 |
| GSMZ [$R_E$] | −8.9476 | −8.9350 | −8.9208 | −8.9051 | −8.8880 | −8.8694 | −8.8493 | −8.8278 | −8.8049 | −8.7805 | −8.7547 | −8.7276 | −8.6991 |
| hhmm | 0000 | 0005 | 0010 | 0015 | 0020 | 0025 | 0030 | 0035 | 0040 | 0045 | 0050 | 0055 | 0100 |

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