ROI
Burst

MMS3_FPI Electron L2 v3.3.0 omni [eV]

MMS3_FPI Ion L2 v3.3.0 omni [eV]

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

MMS3 FPI_L2 Electron(blue) Ion(red) Number Density [cm$^{-3}$]

MMS3_EDP s/c pot [−V]

MMS3 FPI_L2 Ion BulkV_LMN [km/s]

$V_L$ $V_M$ $V_N$

MMS3 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|

Sat Sep 19 11:20:26 2020

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GSMX [$R_E$] | −5.0910 | −5.1099 | −5.1288 | −5.1477 | −5.1665 | −5.1852 | −5.2040 | −5.2226 | −5.2413 | −5.2599 | −5.2784 | −5.2969 | −5.3153 |
| GSMY [$R_E$] | 24.1627 | 24.1497 | 24.1365 | 24.1233 | 24.1099 | 24.0964 | 24.0828 | 24.0690 | 24.0551 | 24.0410 | 24.0267 | 24.0122 | 23.9975 |
| GSMZ [$R_E$] | 2.2976 | 2.2629 | 2.2264 | 2.1881 | 2.1480 | 2.1061 | 2.0624 | 2.0170 | 1.9698 | 1.9209 | 1.8703 | 1.8181 | 1.7642 |
| hhmm | 0000 | 0005 | 0010 | 0015 | 0020 | 0025 | 0030 | 0035 | 0040 | 0045 | 0050 | 0055 | 0100 |
| 2018 Oct 20 | | | | | | | | | | | | | |