ROI
Burst

MMS4_FPI Electron L2 no data omni [eV]

MMS4_FPI Ion L2 v3.4.0 omni [eV]

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

MMS4 FPI_L2 Electron(blue) Ion(red) Number Density $[cm^{-3}]$

MMS4_EDP s/c pot [−V]

MMS4 FPI_L2 Ion BulkV_GSM [km/s]

V_X V_Y V_Z

MMS4 FGM_srvy GSM [nT]

|B| B_X B_Y B_Z

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

J_X J_Y J_Z

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

|J| |J_para| |J_perp|

|divB|/|rotB|

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GSMX $[R_E]$	−21.1696	−21.1522	−21.1346	−21.1169	−21.0990	−21.0809	−21.0627	−21.0443	−21.0258	−21.0071	−20.9883	−20.9693	−20.9501
GSMY $[R_E]$	9.7728	9.7248	9.6758	9.6259	9.5750	9.5232	9.4705	9.4168	9.3622	9.3066	9.2502	9.1929	9.1346
GSMZ $[R_E]$	−12.2199	−12.2268	−12.2342	−12.2422	−12.2506	−12.2594	−12.2687	−12.2785	−12.2886	−12.2991	−12.3100	−12.3212	−12.3328
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100
2022 Sep 29													