ROI
Burst

MMS4_FPI Electron L2 no data omni [eV]

MMS4_FPI Ion L2 v3.4.0 omni [eV]

10^8 10^7 10^6 10^5 10^4 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|

Fri Jan 20 10:17:02 2023

GSMX [R_E]	−20.3950	−20.4153	−20.4354	−20.4553	−20.4751	−20.4946	−20.5140	−20.5332	−20.5521	−20.5709	−20.5895	−20.6080	−20.6262
GSMY [R_E]	−12.9532	−12.9918	−13.0306	−13.0694	−13.1083	−13.1474	−13.1865	−13.2257	−13.2650	−13.3044	−13.3439	−13.3835	−13.4232
GSMZ [R_E]	−2.5472	−2.5555	−2.5628	−2.5690	−2.5742	−2.5783	−2.5814	−2.5834	−2.5844	−2.5843	−2.5832	−2.5811	−2.5780
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100
2022 Jul 05													