Fast
Burst

MMS4 FGM_L2 GSM [nT]
IBI
$B_x$
$B_y$
$B_z$

MMS4_FPI Electron L2 no data omni [eV]

MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
$eV/(cm^2\ s\ sr\ eV)$

MMS4 FPI DIS 1–300eV BG_corr PA [deg]

MMS4 HPCA H+ 1–300eV PA [deg]

MMS4 HPCA L2 $H^+$ srvy ELEV 0–360 [eV]

MMS4 HPCA L2 $He^{++}$ srvy ELEV 0–360 [eV]

MMS4 HPCA L2 $He^+$ srvy ELEV 0–360 [eV]

MMS4 HPCA L2 $O^+$ srvy ELEV 0–360 [eV]

MMS4 FPI_HPCA Number Density [$cm^{-3}$]
DIS_orig
DIS
H+
He++
He+
O+

MMS4 HPCA H+ BulkV_GSM [km/s]
$V_x$
$V_Y$
$V_z$
Mon Nov 14 01:53:42 2022

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GSMX [$R_E$] | 23.0088 | 23.0506 | 23.0922 | 23.1335 | 23.1746 | 23.2155 | 23.2562 | 23.2966 | 23.3367 | 23.3767 | 23.4164 | 23.4559 | 23.4951 |
| GSMY [$R_E$] | 0.3018 | 0.3346 | 0.3677 | 0.4013 | 0.4353 | 0.4698 | 0.5046 | 0.5399 | 0.5755 | 0.6116 | 0.6480 | 0.6849 | 0.7221 |
| GSMZ [$R_E$] | 5.3054 | 5.3010 | 5.2965 | 5.2918 | 5.2870 | 5.2820 | 5.2769 | 5.2716 | 5.2661 | 5.2605 | 5.2546 | 5.2486 | 5.2423 |
| hhmm | 0000 | 0005 | 0010 | 0015 | 0020 | 0025 | 0030 | 0035 | 0040 | 0045 | 0050 | 0055 | 0100 |

2021 Jan 24

HPCA_ION v4.3.0 HPCA_MOMS v4.3.0