

(a) Magnetic Field

(b) Magnetic Field Inclination

(c) Ion Flows

(d) Energetic Electrons

(e) Low-energy Electrons

(f) Magnetic Field Waves

(g) Electric Field Waves

(h) TReX-RGB GILL & PINA keogram

Time	R	X [Re]	Y [Re]	Z [Re]
04:00:00	6.8	-5.7	3.8	0.2
04:05:00	6.9	-5.8	3.8	0.2
04:10:00	7.1	-6.0	3.8	0.2
04:15:00	7.2	-6.1	3.8	0.2
04:20:00	7.3	-6.2	3.8	0.2
04:25:00	7.4	-6.4	3.8	0.2
04:30:00	7.5	-6.5	3.8	0.2

	04:00:00	04:05:00	04:10:00	04:15:00	04:20:00	04:25:00	04:30:00
R	6.8	6.9	7.1	7.2	7.3	7.4	7.5
X [Re]	-5.7	-5.8	-6.0	-6.1	-6.2	-6.4	-6.5
Y [Re]	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Z [Re]	0.2	0.2	0.2	0.2	0.2	0.2	0.2