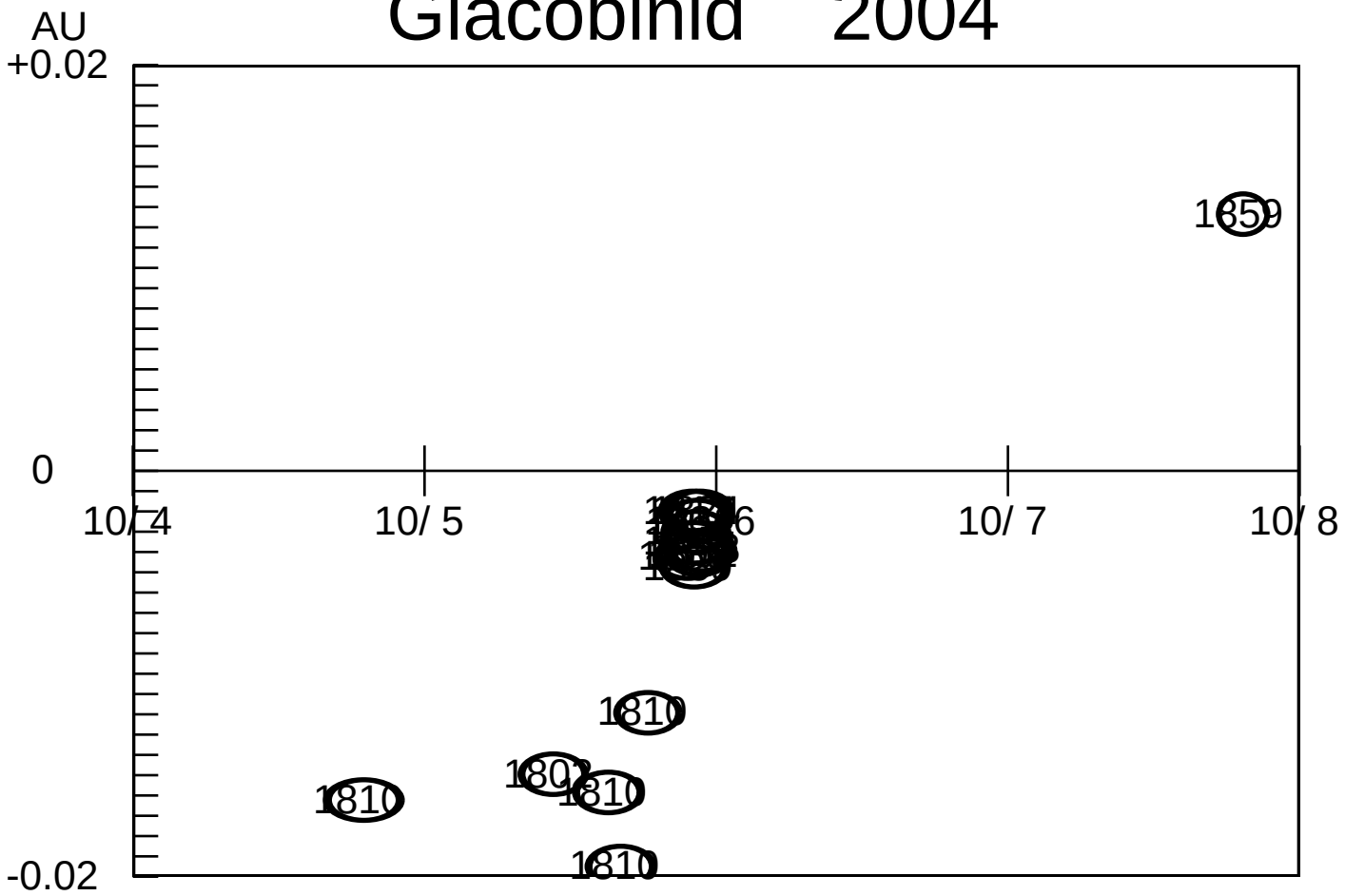
Giacobinid 2004



perihelion passage (rev.)		ejection velocity (m/s)	close encounter (TT)		Sun longitude (J2000)	distance (AU)	radiant RA (2000)	Dec	relative velocity (km/s)
09	1946	270.1	2004/10/10	05h54m	197.200	-0.010181	262.2	+54.3	20.5
09	1946	271.0	2004/10/10	05h57m	197.202	-0.009972	262.2	+54.3	20.5
20	1873	7.1	2004/10/05	22h51m	192.960	-0.003916	262.8	+44.4	17.4
21	1866	5.8	2004/10/05	21h38m	192.910	-0.004291	262.8	+44.3	17.4
22	1859	5.5	2004/10/05	22h11m	192.932	-0.004737	262.8	+44.2	17.3
22	1859	6.0	2004/10/07	19h22m	194.790	+0.012662	263.4	+57.5	21.1
22	1852	5.2	2004/10/05	22h33m	192.948	-0.004127	262.7	+44.2	17.3
23	1845	5.1	2004/10/05	22h11m	192.932	-0.003540	262.7	+44.3	17.4
25	1838	5.2	2004/10/05	22h20m	192.939	-0.003005	262.6	+44.4	17.4
25	1831	5.3	2004/10/05	22h26m	192.943	-0.002444	262.6	+44.4	17.4
27	1824	5.3	2004/10/05	22h39m	192.952	-0.002004	262.5	+44.5	17.4
28	1817	5.2	2004/10/05	22h05m	192.928	-0.001999	262.5	+44.6	17.4
29	1810	22.0	2004/10/05	18h24m	192.777	-0.011935	264.1	+44.7	17.6
29	1810	4.9	2004/10/05	16h09m	192.685	-0.019509	264.1	+42.6	17.2
29	1810	4.9	2004/10/05	15h06m	192.641	-0.015841	263.9	+42.7	17.2
29	1810	4.5	2004/10/04	18h59m	191.815	-0.016232	263.3	+37.6	15.9
29	1810	4.6	2004/10/03	23h46m	191.027	-0.018577	265.0	+44.2	16.9
30	1802	11.0	2004/10/05	10h36m	192.457	-0.014956	264.2	+43.4	17.3