

**JXA (#0533):** Total of **81** orbits.  $\lambda_o = 107.3^\circ$ ,  $\lambda_g - \lambda_o = 284.8^\circ$ ,  $\beta_g = -5.1^\circ$ ,  $\Delta r = 3^\circ$ ,  $\Delta \lambda_o = 10^\circ$ .

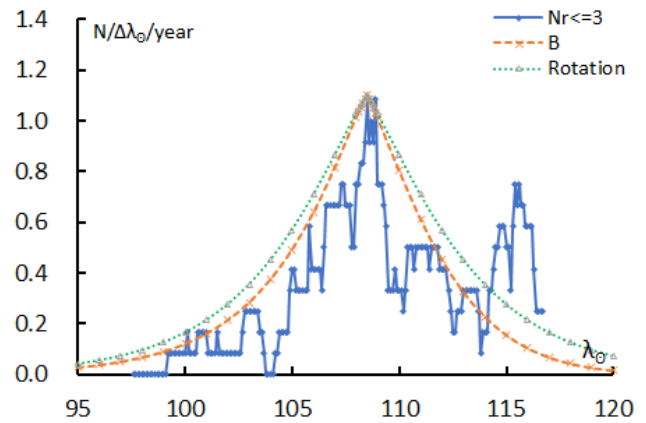
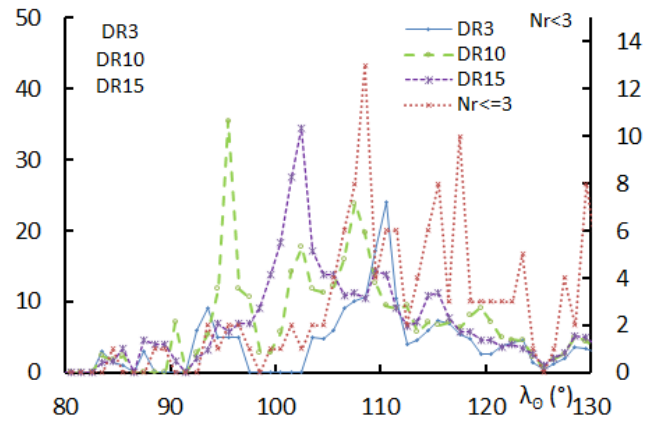
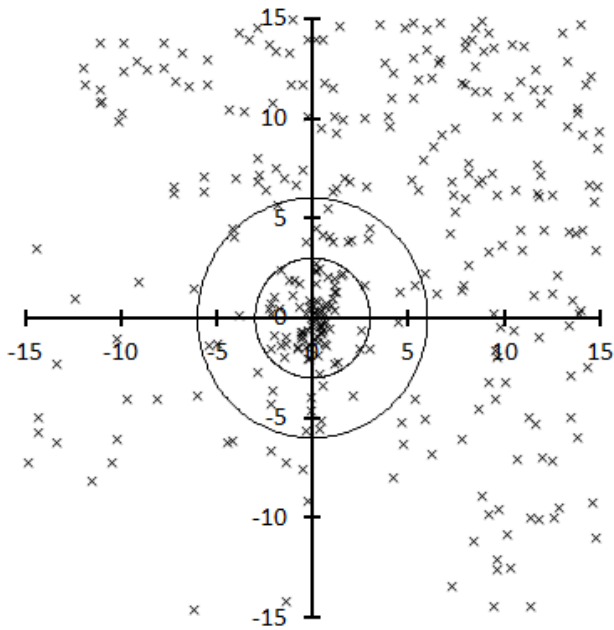


Table 1 – Number per year.

Year	N	Year	N
2007	2	2013	7
2008	2	2014	3
2009	7	2015	4
2010	11	2016	6
2011	14	2017	9
2012	6	2018	10

Table 2 – Activity profiles.

	$\lambda_o$	Max
Nr<=3	108.5	13
DR3	110.5	24.0
DR10	95.5	35.4
DR15	102.5	34.4

Table 3 – Evolution of the orbital parameters during the activity period.

$\lambda_o$	$\lambda_g - \lambda_o$	$\beta_g$	$\alpha_g$	$\delta_g$	$v_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\Pi}$	$\beta_{\Pi}$	$a$
95	287.6	-6.2	23.2	3.0	67.9	0.963	0.762	168.2	299.3	275.0	335.2	-10.3	20.34
96	287.4	-6.1	23.9	3.4	67.9	0.961	0.767	168.4	299.9	276.0	335.5	-10.1	19.50
97	287.1	-6.0	24.6	3.7	68.0	0.959	0.772	168.5	300.6	277.0	335.9	-9.8	18.74
98	286.9	-6.0	25.3	4.1	68.0	0.957	0.778	168.7	301.3	278.0	336.2	-9.6	18.06
99	286.7	-5.9	26.0	4.5	68.1	0.955	0.783	168.9	301.9	279.0	336.6	-9.4	17.44
100	286.5	-5.8	26.7	4.8	68.1	0.953	0.788	169.1	302.6	280.0	336.9	-9.2	16.88
101	286.3	-5.7	27.4	5.2	68.1	0.952	0.793	169.3	303.3	281.0	337.3	-8.9	16.36
102	286.1	-5.6	28.1	5.5	68.2	0.950	0.798	169.5	304.0	282.0	337.6	-8.7	15.89
103	285.9	-5.5	28.8	5.9	68.2	0.948	0.803	169.6	304.6	283.0	337.9	-8.5	15.46
104	285.7	-5.5	29.5	6.2	68.3	0.946	0.808	169.8	305.3	284.0	338.2	-8.3	15.06
105	285.4	-5.4	30.2	6.6	68.3	0.945	0.813	170.0	306.0	285.0	338.6	-8.1	14.69
106	285.2	-5.3	30.9	6.9	68.3	0.943	0.818	170.2	306.7	286.0	338.9	-7.9	14.36
107	285.0	-5.2	31.7	7.3	68.4	0.941	0.823	170.4	307.4	287.0	339.2	-7.7	14.04
108	284.8	-5.1	32.4	7.6	68.4	0.940	0.828	170.5	308.1	288.0	339.5	-7.4	13.75
108.1	284.8	-5.1	32.4	7.7	68.4	0.940	0.828	170.5	308.2	288.1	339.6	-7.4	13.73
108.2	284.8	-5.1	32.5	7.7	68.4	0.939	0.829	170.6	308.2	288.2	339.6	-7.4	13.70
108.3	284.7	-5.1	32.6	7.7	68.4	0.939	0.829	170.6	308.3	288.3	339.6	-7.4	13.67
108.4	284.7	-5.1	32.7	7.8	68.4	0.939	0.830	170.6	308.4	288.4	339.6	-7.4	13.65
108.5	284.7	-5.1	32.7	7.8	68.4	0.939	0.830	170.6	308.4	288.5	339.7	-7.3	13.62
108.6	284.7	-5.1	32.8	7.8	68.5	0.939	0.831	170.6	308.5	288.6	339.7	-7.3	13.59
108.7	284.7	-5.1	32.9	7.9	68.5	0.939	0.831	170.7	308.6	288.7	339.7	-7.3	13.57

Table 3 – Continued, evolution of the orbital parameters during the activity period.

$\lambda_o$	$\lambda_g - \lambda_o$	$\beta_g$	$\alpha_g$	$\delta_g$	$v_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\Pi}$	$\beta_{\Pi}$	$a$
108.8	284.6	-5.1	32.9	7.9	68.5	0.939	0.832	170.7	308.7	288.8	339.8	-7.3	13.54
108.9	284.6	-5.0	33.0	7.9	68.5	0.938	0.832	170.7	308.7	288.9	339.8	-7.3	13.51
109	284.6	-5.0	33.1	8.0	68.5	0.938	0.833	170.7	308.8	289.0	339.8	-7.2	13.49
110	284.4	-5.0	33.8	8.3	68.5	0.937	0.838	170.9	309.5	290.0	340.1	-7.0	13.24
111	284.2	-4.9	34.5	8.7	68.6	0.935	0.842	171.1	310.2	291.0	340.4	-6.8	13.01
112	284.0	-4.8	35.2	9.0	68.6	0.934	0.847	171.2	310.9	292.0	340.7	-6.6	12.80
113	283.7	-4.7	36.0	9.3	68.6	0.932	0.852	171.4	311.6	293.0	341.0	-6.4	12.60
114	283.5	-4.6	36.7	9.7	68.7	0.931	0.856	171.6	312.4	294.0	341.3	-6.2	12.41
115	283.3	-4.5	37.4	10.0	68.7	0.930	0.861	171.7	313.1	295.0	341.6	-6.0	12.24
116	283.1	-4.4	38.2	10.3	68.8	0.928	0.866	171.9	313.8	296.0	341.9	-5.8	12.09
117	282.9	-4.4	38.9	10.6	68.8	0.927	0.870	172.1	314.5	297.0	342.2	-5.6	11.94
118	282.7	-4.3	39.6	11.0	68.8	0.926	0.875	172.2	315.3	298.0	342.5	-5.4	11.81
119	282.5	-4.2	40.4	11.3	68.9	0.925	0.879	172.4	316.0	299.0	342.8	-5.3	11.68
120	282.3	-4.1	41.1	11.6	68.9	0.924	0.883	172.6	316.7	300.0	343.0	-5.1	11.57