

**XCB (#0323):** Total of 36 orbits.  $\lambda_o = 295^\circ$ ,  $\lambda_g - \lambda_o = 305.3^\circ$ ,  $\beta_g = 51.1^\circ$ ,  $\Delta r = 3^\circ$ ,  $\Delta \lambda_o = 5^\circ$ .

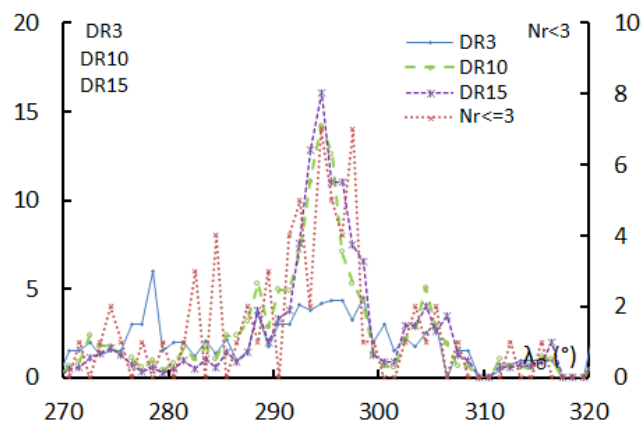
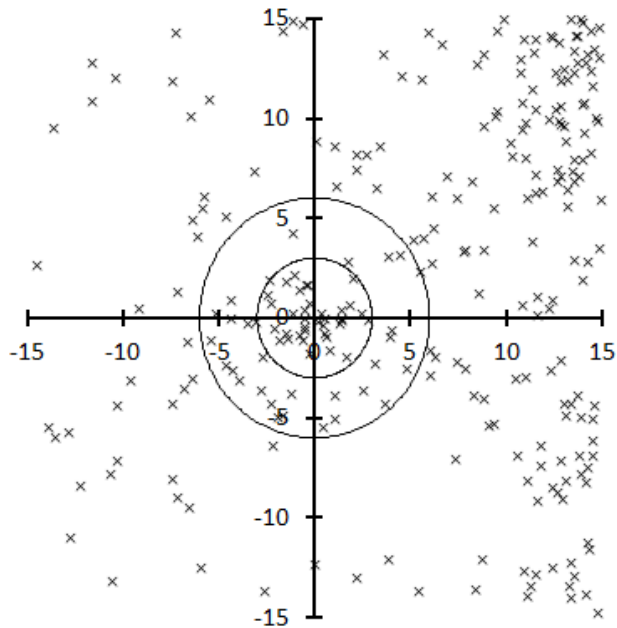


Table 1 – Number per year.

Year	N	Year	N
2007	1	2013	3
2008	0	2014	2
2009	6	2015	3
2010	8	2016	2
2011	2	2017	5
2012	3	2018	1

Table 2 – Activity profiles.

	$\lambda_o$	Max
Nr<=3	294.5	7
DR3	298.5	4.5
DR10	294.5	14.2
DR15	294.5	16.1

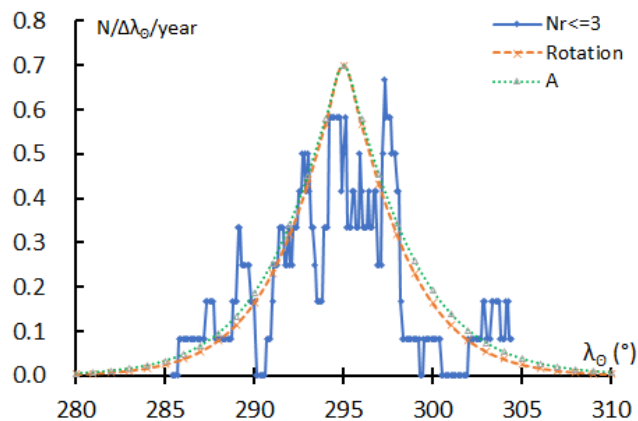


Table 3 – Evolution of the orbital parameters during the activity period.

$\lambda_o$	$\lambda_g - \lambda_o$	$\beta_g$	$\alpha_g$	$\delta_g$	$v_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\pi}$	$\beta_{\pi}$	$a$
285	304.5	51.3	241.4	31.8	45.1	0.770	0.795	78.8	124.1	285.0	88.9	54.3	3.45
286	304.7	51.3	242.3	31.6	45.2	0.776	0.795	78.7	124.1	286.0	89.9	54.3	3.54
287	304.9	51.3	243.1	31.4	45.2	0.782	0.794	78.6	124.1	287.0	90.8	54.3	3.63
288	305.1	51.3	244.0	31.2	45.3	0.788	0.793	78.6	124.1	288.0	91.7	54.2	3.73
289	305.3	51.3	244.8	31.0	45.3	0.794	0.793	78.5	124.2	289.0	92.7	54.2	3.84
290	305.5	51.4	245.7	30.8	45.3	0.800	0.792	78.5	124.2	290.0	93.6	54.1	3.95
291	305.7	51.4	246.5	30.6	45.4	0.806	0.791	78.4	124.2	291.0	94.5	54.1	4.07
292	305.9	51.4	247.4	30.4	45.4	0.812	0.791	78.3	124.2	292.0	95.5	54.1	4.20
293	306.1	51.4	248.2	30.3	45.4	0.818	0.790	78.3	124.2	293.0	96.4	54.0	4.34
294	306.3	51.4	249.1	30.1	45.5	0.824	0.789	78.2	124.3	294.0	97.3	54.0	4.48
295	306.5	51.4	249.9	30.0	45.5	0.830	0.789	78.2	124.3	295.0	98.2	54.0	4.64
296	306.7	51.4	250.8	29.8	45.6	0.836	0.788	78.1	124.3	296.0	99.2	53.9	4.81
297	306.9	51.4	251.6	29.7	45.6	0.842	0.788	78.0	124.3	297.0	100.1	53.9	4.99
298	307.1	51.5	252.5	29.5	45.6	0.848	0.787	78.0	124.3	298.0	101.0	53.9	5.19
299	307.3	51.5	253.3	29.4	45.7	0.855	0.786	77.9	124.4	299.0	102.0	53.8	5.41
300	307.5	51.5	254.2	29.3	45.7	0.861	0.786	77.9	124.4	300.0	102.9	53.8	5.64
301	307.7	51.5	255.0	29.2	45.7	0.867	0.785	77.8	124.4	301.0	103.8	53.8	5.90
302	307.9	51.5	255.9	29.0	45.8	0.873	0.785	77.7	124.4	302.0	104.8	53.7	6.18
303	308.2	51.5	256.7	28.9	45.8	0.879	0.784	77.7	124.4	303.0	105.7	53.7	6.49
304	308.4	51.5	257.6	28.8	45.9	0.885	0.784	77.6	124.4	304.0	106.6	53.7	6.84
305	308.6	51.5	258.4	28.8	45.9	0.892	0.783	77.6	124.5	305.0	107.6	53.6	7.23