

XHE (#0346): Total of 61 orbits. $\lambda_o = 350^\circ$, $\lambda_g - \lambda_o = 244.9^\circ$, $\beta_g = 70.6^\circ$, $\Delta r = 3^\circ$, $\Delta \lambda_o = 5^\circ$.

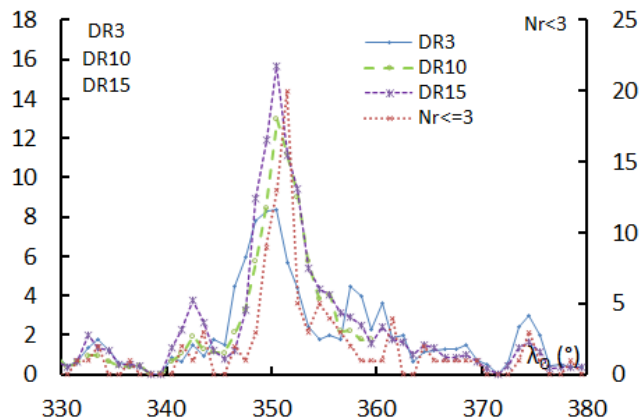
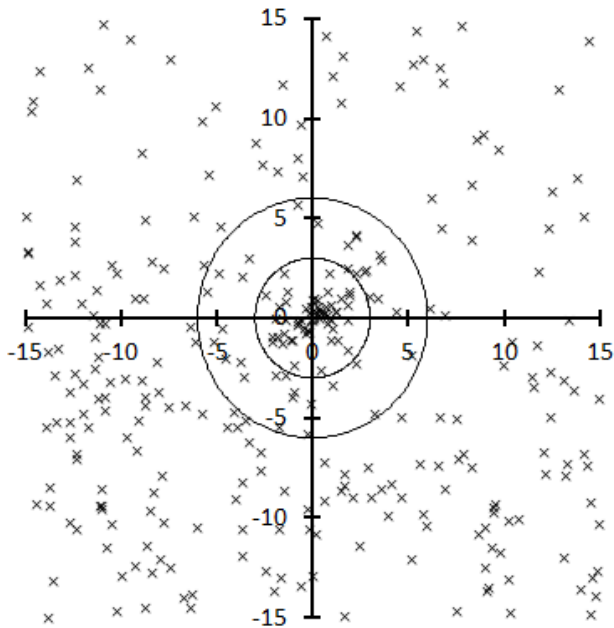


Table 1 – Number per year.

Year	N	Year	N
2007	4	2013	6
2008	0	2014	4
2009	7	2015	10
2010	1	2016	2
2011	8	2017	4
2012	3	2018	12

Table 2 – Activity profiles.

	λ_o	Max
Nr<=3	351.5	20
DR3	350.5	8.4
DR10	350.5	12.9
DR15	350.5	15.6

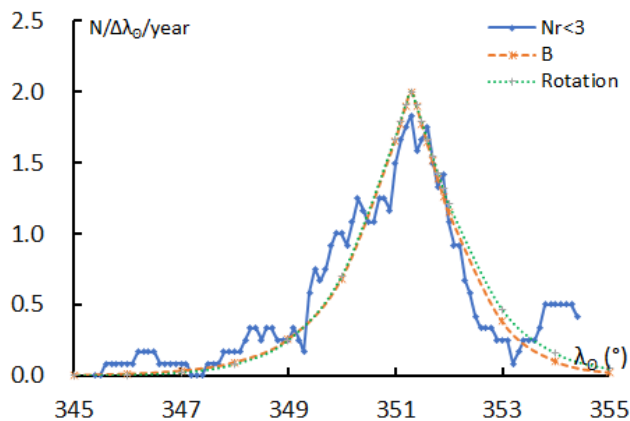


Table 3 – Evolution of the orbital parameters during the activity period.

λ_o	$\lambda_g - \lambda_o$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_{π}	β_{π}	a
345	240.9	70.1	248.4	50.0	36.8	0.789	0.969	61.1	198.5	345.0	174.2	-16.1	4.59
346	241.8	70.2	249.4	49.7	36.6	0.771	0.971	61.0	198.0	346.0	175.0	-15.7	4.24
347	242.7	70.2	250.3	49.5	36.4	0.753	0.973	60.9	197.6	347.0	175.8	-15.3	3.94
348	243.7	70.2	251.3	49.3	36.1	0.736	0.974	60.7	197.1	348.0	176.6	-14.9	3.69
349	244.6	70.3	252.2	49.1	35.9	0.718	0.976	60.6	196.7	349.0	177.4	-14.5	3.46
350	245.6	70.3	253.2	48.9	35.7	0.701	0.977	60.5	196.2	350.0	178.1	-14.0	3.27
351	246.5	70.3	254.1	48.7	35.5	0.684	0.978	60.3	195.7	351.0	178.9	-13.6	3.09
351.1	246.6	70.3	254.2	48.7	35.5	0.682	0.979	60.3	195.7	351.1	179.0	-13.6	3.08
351.2	246.7	70.4	254.3	48.7	35.4	0.680	0.979	60.3	195.6	351.2	179.1	-13.5	3.06
351.3	246.8	70.4	254.4	48.6	35.4	0.679	0.979	60.3	195.6	351.3	179.2	-13.5	3.05
351.4	246.9	70.4	254.5	48.6	35.4	0.677	0.979	60.3	195.5	351.4	179.2	-13.4	3.03
351.5	247.0	70.4	254.6	48.6	35.4	0.675	0.979	60.3	195.5	351.5	179.3	-13.4	3.02
351.6	247.1	70.4	254.7	48.6	35.4	0.674	0.979	60.3	195.4	351.6	179.4	-13.3	3.00
351.7	247.2	70.4	254.8	48.6	35.3	0.672	0.979	60.2	195.4	351.7	179.5	-13.3	2.98
351.8	247.3	70.4	254.9	48.5	35.3	0.670	0.980	60.2	195.3	351.8	179.5	-13.2	2.97
351.9	247.4	70.4	255.0	48.5	35.3	0.668	0.980	60.2	195.3	351.9	179.6	-13.2	2.96
352	247.5	70.4	255.1	48.5	35.3	0.667	0.980	60.2	195.2	352.0	179.7	-13.2	2.94
353	248.4	70.4	256.0	48.3	35.0	0.650	0.981	60.1	194.7	353.0	180.5	-12.7	2.80
354	249.4	70.4	257.0	48.2	34.8	0.633	0.983	59.9	194.2	354.0	181.2	-12.2	2.68
355	250.3	70.4	257.9	48.0	34.6	0.617	0.984	59.8	193.6	355.0	182.0	-11.7	2.57
356	251.3	70.4	258.9	47.8	34.4	0.600	0.985	59.6	193.1	356.0	182.7	-11.3	2.46

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

λ_{θ}	$\lambda_g - \lambda_{\theta}$	β_g	α_g	δ_g	ν_g	e	q	i	ω	Ω	λ_{Π}	β_{Π}	a
357	252.3	70.4	259.8	47.7	34.2	0.584	0.986	59.4	192.5	357.0	183.4	-10.8	2.37
358	253.2	70.4	260.8	47.6	34.0	0.568	0.988	59.3	191.9	358.0	184.2	-10.2	2.29
359	254.2	70.4	261.7	47.4	33.7	0.552	0.989	59.1	191.3	359.0	184.9	-9.7	2.21
360	255.1	70.4	262.7	47.3	33.5	0.536	0.990	58.9	190.7	0.0	185.6	-9.2	2.13