

SPE (#0208): Total of **513** orbits. $\lambda_o = 167.1^\circ$, $\lambda_g - \lambda_o = 248.8^\circ$, $\beta_g = 20.8^\circ$, $\Delta r = 3^\circ$, $\Delta \lambda_o = 5^\circ$.

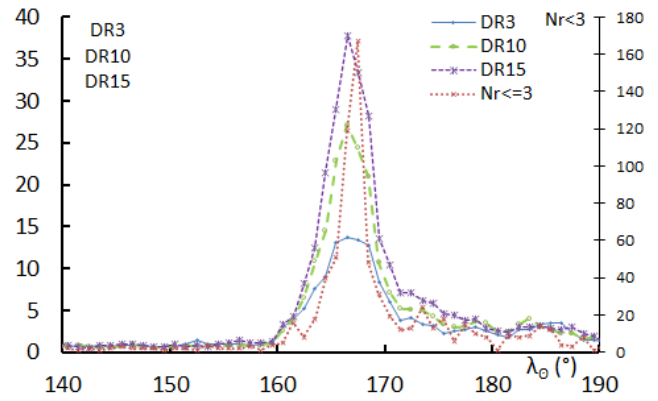
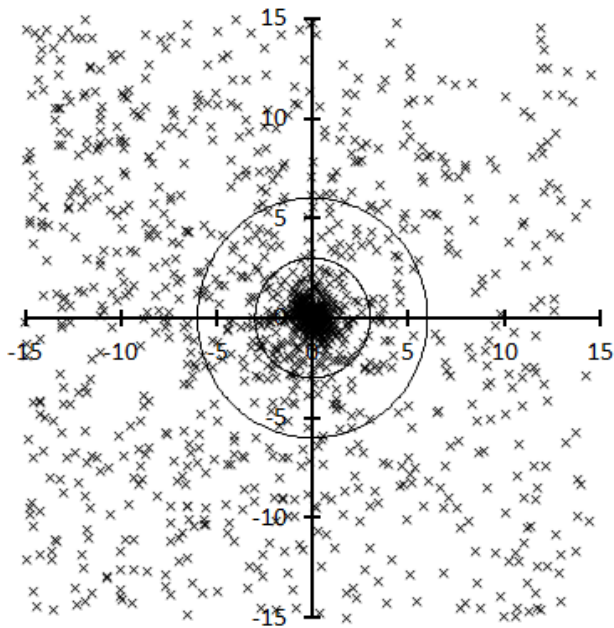


Table 1 – Number per year.

Year	N	Year	N
2007	19	2013	30
2008	60	2014	28
2009	76	2015	24
2010	61	2016	20
2011	83	2017	23
2012	82	2018	7

Table 2 – Activity profiles.

	λ_o	Max
Nr<=3	167.5	167
DR3	166.5	13.6
DR10	166.5	27.1
DR15	166.5	37.7

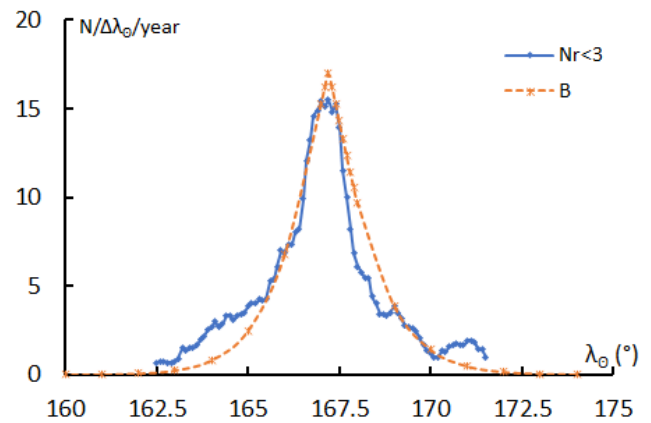


Table 3 – Evolution of the orbital parameters during the activity period.

λ_o	$\lambda_g - \lambda_o$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_{π}	β_{π}	a
160	249.5	22.2	39.5	38.8	63.8	0.950	0.736	137.0	243.5	160.0	284.3	-37.7	14.82
161	249.4	22.0	40.6	38.9	63.9	0.950	0.734	137.3	243.9	161.0	284.8	-37.5	14.82
162	249.4	21.8	41.8	39.0	63.9	0.951	0.731	137.6	244.2	162.0	285.2	-37.4	14.82
163	249.3	21.6	42.9	39.1	64.0	0.951	0.728	137.9	244.5	163.0	285.7	-37.3	14.82
164	249.3	21.5	44.1	39.2	64.0	0.951	0.726	138.2	244.8	164.0	286.2	-37.1	14.83
165	249.2	21.3	45.2	39.3	64.1	0.951	0.723	138.5	245.1	165.0	286.8	-37.0	14.85
166	249.2	21.1	46.4	39.4	64.1	0.952	0.720	138.8	245.4	166.0	287.3	-36.8	14.87
167	249.1	20.9	47.6	39.5	64.2	0.952	0.718	139.1	245.8	167.0	287.8	-36.6	14.90
167.1	249.1	20.9	47.7	39.5	64.2	0.952	0.717	139.2	245.8	167.1	287.8	-36.6	14.90
167.2	249.1	20.9	47.8	39.5	64.2	0.952	0.717	139.2	245.8	167.2	287.9	-36.6	14.90
167.3	249.1	20.8	47.9	39.5	64.2	0.952	0.717	139.2	245.9	167.3	287.9	-36.6	14.91
167.4	249.1	20.8	48.0	39.5	64.2	0.952	0.717	139.3	245.9	167.4	288.0	-36.6	14.91
167.5	249.1	20.8	48.1	39.5	64.2	0.952	0.716	139.3	245.9	167.5	288.0	-36.5	14.91
167.6	249.1	20.8	48.3	39.5	64.2	0.952	0.716	139.3	245.9	167.6	288.1	-36.5	14.92
167.7	249.1	20.8	48.4	39.5	64.2	0.952	0.716	139.3	246.0	167.7	288.1	-36.5	14.92
167.8	249.1	20.7	48.5	39.5	64.2	0.952	0.715	139.4	246.0	167.8	288.2	-36.5	14.92
167.9	249.1	20.7	48.6	39.5	64.2	0.952	0.715	139.4	246.0	167.9	288.2	-36.5	14.93
168	249.1	20.7	48.7	39.5	64.2	0.952	0.715	139.4	246.1	168.0	288.3	-36.5	14.93
169	249.0	20.5	49.9	39.6	64.3	0.952	0.712	139.8	246.4	169.0	288.8	-36.3	14.97
170	248.9	20.3	51.1	39.7	64.3	0.953	0.710	140.1	246.7	170.0	289.3	-36.1	15.02
171	248.9	20.1	52.3	39.7	64.4	0.953	0.707	140.4	247.0	171.0	289.9	-35.9	15.07

Table 3 – Continued, 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
172	248.8	20.0	53.4	39.8	64.4	0.953	0.704	140.7	247.3	172.0	290.4	-35.7	15.13
173	248.8	19.8	54.6	39.8	64.5	0.954	0.702	141.0	247.6	173.0	290.9	-35.6	15.19
174	248.7	19.6	55.8	39.8	64.5	0.954	0.699	141.3	247.9	174.0	291.5	-35.4	15.27
175	248.7	19.4	57.0	39.9	64.6	0.955	0.696	141.7	248.2	175.0	292.0	-35.2	15.35
176	248.6	19.2	58.2	39.9	64.6	0.955	0.694	142.0	248.5	176.0	292.6	-35.0	15.44
177	248.6	19.0	59.4	39.9	64.7	0.956	0.691	142.3	248.8	177.0	293.1	-34.7	15.53
178	248.5	18.8	60.6	39.9	64.7	0.956	0.689	142.6	249.1	178.0	293.7	-34.5	15.64
179	248.5	18.6	61.8	39.9	64.8	0.956	0.686	143.0	249.4	179.0	294.3	-34.3	15.75
180	248.4	18.4	63.0	39.9	64.8	0.957	0.683	143.3	249.7	180.0	294.8	-34.1	15.88