

JIP (#0431): Total of 30 orbits. $\lambda_o = 94^\circ$, $\lambda_g - \lambda_o = 252.8^\circ$, $\beta_g = 37.5^\circ$, $\Delta r = 3^\circ$, $\Delta \lambda_o = 5^\circ$.

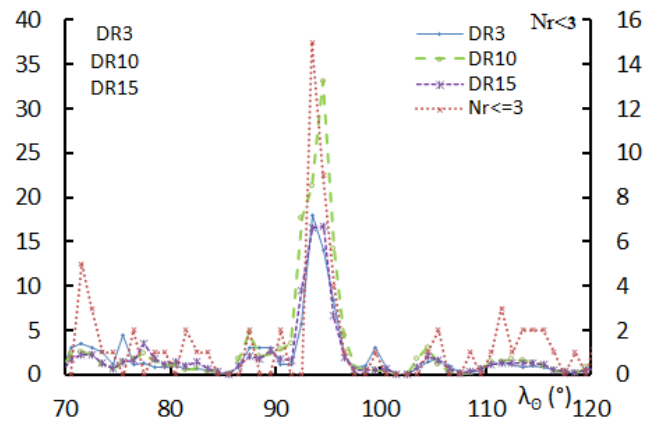
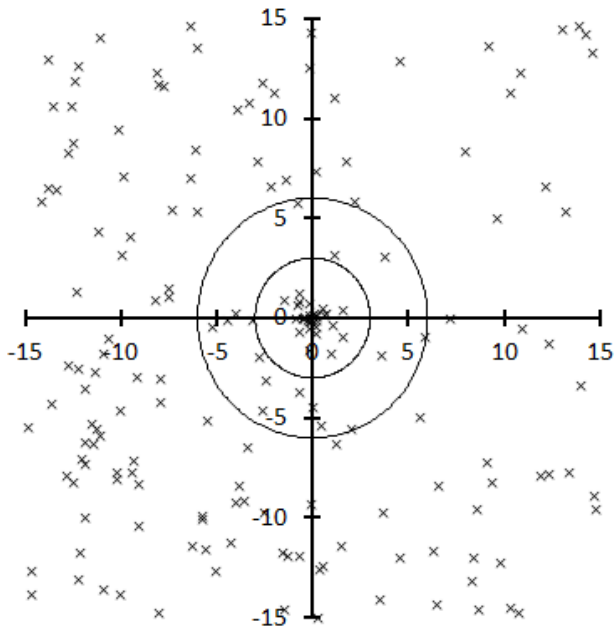


Table 1 – Number per year.

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

Table 2 – Activity profiles.

	λ_o	Max
Nr<=3	93.5	15
DR3	93.5	18.0
DR10	94.5	33.1
DR15	94.5	16.8

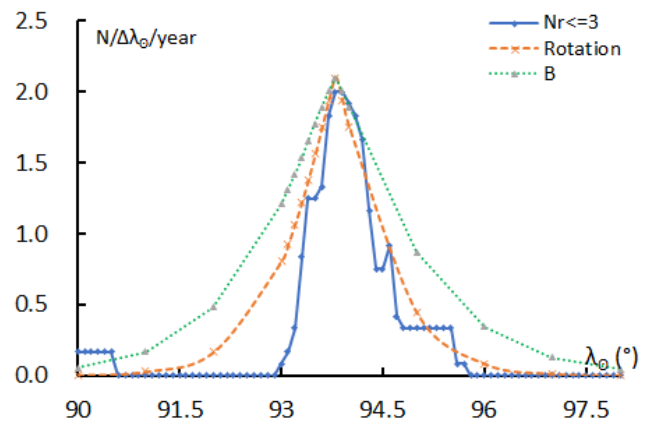


Table 3 – Evolution of the orbital parameters during the activity period.

λ_o	$\lambda_g - \lambda_o$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_{π}	β_{π}	a
89	252.1	39.4	326.5	28.9	52.5	0.615	0.863	105.5	232.9	89.0	249.6	-50.2	2.24
90	252.1	39.1	327.6	29.0	53.7	0.679	0.873	107.0	229.4	90.0	251.2	-46.5	2.72
91	252.2	38.8	328.6	29.0	55.0	0.748	0.882	108.5	226.4	91.0	252.6	-43.3	3.49
92	252.3	38.5	329.6	29.1	56.3	0.821	0.889	109.9	223.8	92.0	253.9	-40.6	4.97
93	252.4	38.2	330.7	29.2	57.6	0.899	0.896	111.3	221.5	93.0	255.2	-38.1	8.83
93.1	252.4	38.1	330.8	29.2	57.7	0.907	0.896	111.4	221.3	93.1	255.3	-37.9	9.59
93.2	252.4	38.1	330.9	29.2	57.8	0.915	0.897	111.6	221.1	93.2	255.4	-37.7	10.50
93.3	252.5	38.1	331.0	29.2	58.0	0.923	0.898	111.7	220.9	93.3	255.6	-37.4	11.60
93.4	252.5	38.0	331.1	29.3	58.1	0.931	0.898	111.8	220.7	93.4	255.7	-37.2	12.97
93.5	252.5	38.0	331.2	29.3	58.2	0.939	0.899	112.0	220.5	93.5	255.8	-37.0	14.71
93.6	252.5	38.0	331.3	29.3	58.4	0.947	0.899	112.1	220.3	93.6	255.9	-36.8	16.99
93.7	252.5	37.9	331.4	29.3	58.5	0.955	0.900	112.2	220.1	93.7	256.0	-36.6	20.13
93.8	252.5	37.9	331.5	29.3	58.6	0.964	0.900	112.4	219.9	93.8	256.2	-36.4	24.71
93.9	252.5	37.9	331.6	29.3	58.7	0.972	0.901	112.5	219.7	93.9	256.3	-36.2	32.02
94	252.5	37.8	331.7	29.3	58.9	0.980	0.902	112.6	219.5	94.0	256.4	-36.0	45.55
95	252.6	37.5	332.8	29.4	60.2	1.066	0.907	113.9	217.8	95.0	257.6	-34.1	-13.8
96	252.7	37.2	333.8	29.5	61.4	1.155	0.911	115.1	216.2	96.0	258.7	-32.4	-5.87
97	252.8	36.9	334.9	29.6	62.7	1.248	0.915	116.3	214.9	97.0	259.8	-30.8	-3.69
98	252.9	36.6	335.9	29.7	64.0	1.345	0.919	117.5	213.6	98.0	260.9	-29.4	-2.66
99	252.9	36.2	337.0	29.8	65.3	1.445	0.922	118.6	212.5	99.0	262.0	-28.2	-2.07