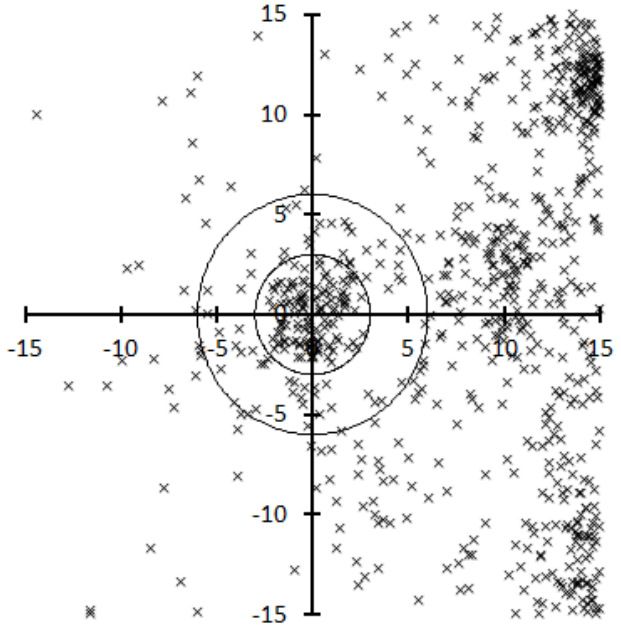
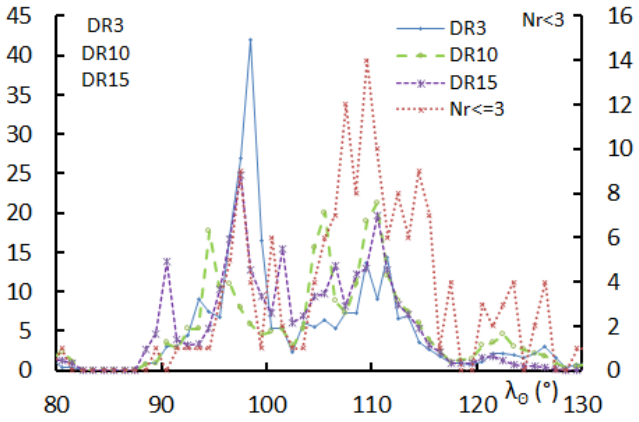
CAN (#0411): Total of **122** orbits. $\lambda_\odot$ = 107°, λ_g–$\lambda_\odot$ = 298.1°, β_g = 32.9°, Δr = 3°, $\Delta\lambda_\odot$ = 10°. CAN may be a combination of two showers at $\lambda_\odot$ = 91° to 103° and at $\lambda_\odot$ = 103° to 118°.





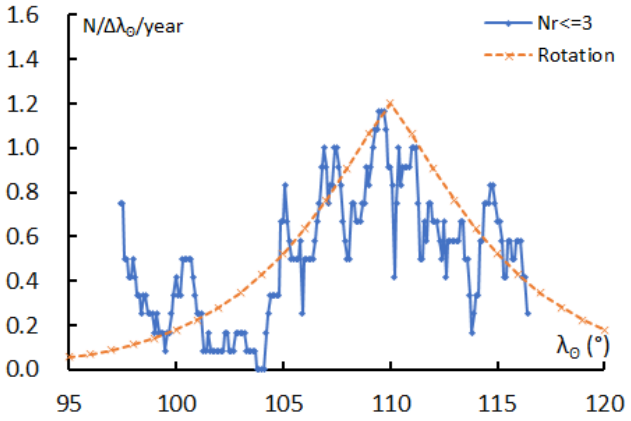


Table 1 – Number per year.

Year	N	Year	N
2007	4	2013	10
2008	4	2014	9
2009	8	2015	11
2010	8	2016	10
2011	18	2017	16
2012	9	2018	15

Table 2 – Activity profiles.

	$\lambda_\odot$	Max
Nr<=3	109.5	14
DR3	98.5	42.0
DR10	110.5	21.3
DR15	97.5	24.8

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

$\lambda_\odot$	λ_g–$\lambda_\odot$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_Π	β_Π	a
90	297.8	33.1	10.8	41.1	56.4	0.887	0.684	112.0	107.7	90.0	319.6	62.0	6.07
91	297.8	33.1	11.8	41.5	56.4	0.889	0.684	112.1	107.7	91.0	320.6	62.0	6.14
92	297.8	33.1	12.8	41.8	56.5	0.890	0.684	112.1	107.8	92.0	321.6	61.9	6.21
93	297.9	33.1	13.8	42.2	56.5	0.891	0.684	112.1	107.8	93.0	322.5	61.9	6.28
94	297.9	33.1	14.9	42.6	56.5	0.892	0.684	112.2	107.8	94.0	323.5	61.8	6.35
95	297.9	33.1	15.9	43.0	56.5	0.893	0.684	112.2	107.9	95.0	324.5	61.8	6.42
96	297.9	33.1	17.0	43.4	56.6	0.895	0.684	112.2	107.9	96.0	325.5	61.8	6.49
97	297.9	33.0	18.0	43.7	56.6	0.896	0.684	112.2	107.9	97.0	326.5	61.7	6.56
98	298.0	33.0	19.1	44.1	56.6	0.897	0.684	112.3	108.0	98.0	327.5	61.7	6.63
99	298.0	33.0	20.2	44.5	56.6	0.898	0.684	112.3	108.0	99.0	328.4	61.6	6.71
100	298.0	33.0	21.2	44.8	56.7	0.899	0.684	112.3	108.0	100.0	329.4	61.6	6.79
101	298.0	33.0	22.3	45.2	56.7	0.900	0.684	112.4	108.0	101.0	330.4	61.6	6.86
102	298.0	33.0	23.4	45.6	56.7	0.901	0.684	112.4	108.1	102.0	331.4	61.5	6.94
103	298.0	33.0	24.5	45.9	56.8	0.903	0.684	112.4	108.1	103.0	332.4	61.5	7.02
104	298.1	33.0	25.7	46.3	56.8	0.904	0.684	112.4	108.1	104.0	333.4	61.5	7.10
105	298.1	32.9	26.8	46.6	56.8	0.905	0.684	112.5	108.2	105.0	334.4	61.4	7.18
106	298.1	32.9	27.9	47.0	56.8	0.906	0.684	112.5	108.2	106.0	335.4	61.4	7.26
107	298.1	32.9	29.1	47.3	56.9	0.907	0.684	112.5	108.2	107.0	336.4	61.3	7.35
108	298.1	32.9	30.2	47.7	56.9	0.908	0.684	112.5	108.2	108.0	337.3	61.3	7.43
109	298.1	32.9	31.4	48.0	56.9	0.909	0.684	112.6	108.2	109.0	338.3	61.3	7.52
110	298.2	32.9	32.6	48.3	56.9	0.910	0.684	112.6	108.3	110.0	339.3	61.2	7.60

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

$\lambda_\odot$	$\lambda_g-\lambda_\odot$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_Π	β_Π	a
111	298.2	32.9	33.8	48.6	57.0	0.911	0.684	112.6	108.3	111.0	340.3	61.2	7.69
112	298.2	32.8	35.0	49.0	57.0	0.912	0.684	112.6	108.3	112.0	341.3	61.2	7.78
113	298.2	32.8	36.2	49.3	57.0	0.913	0.684	112.7	108.3	113.0	342.3	61.2	7.87
114	298.2	32.8	37.4	49.6	57.0	0.914	0.684	112.7	108.4	114.0	343.3	61.1	7.97
115	298.2	32.8	38.7	49.9	57.1	0.915	0.684	112.7	108.4	115.0	344.3	61.1	8.06
116	298.3	32.8	39.9	50.2	57.1	0.916	0.684	112.7	108.4	116.0	345.3	61.1	8.16
117	298.3	32.8	41.2	50.5	57.1	0.917	0.684	112.8	108.4	117.0	346.3	61.0	8.25
118	298.3	32.8	42.4	50.8	57.1	0.918	0.683	112.8	108.4	118.0	347.3	61.0	8.35
119	298.3	32.8	43.7	51.1	57.2	0.919	0.683	112.8	108.4	119.0	348.3	61.0	8.45
120	298.3	32.7	45.0	51.3	57.2	0.920	0.683	112.8	108.5	120.0	349.3	60.9	8.55
121	298.3	32.7	46.3	51.6	57.2	0.921	0.683	112.9	108.5	121.0	350.3	60.9	8.66
122	298.4	32.7	47.6	51.9	57.2	0.922	0.683	112.9	108.5	122.0	351.3	60.9	8.76
123	298.4	32.7	49.0	52.1	57.3	0.923	0.683	112.9	108.5	123.0	352.3	60.9	8.87
124	298.4	32.7	50.3	52.4	57.3	0.924	0.683	112.9	108.5	124.0	353.3	60.8	8.98
125	298.4	32.7	51.6	52.6	57.3	0.925	0.683	113.0	108.5	125.0	354.3	60.8	9.09