

**CTA (#0388):** Total of 152 orbits.  $\lambda_o = 221^\circ$ ,  $\lambda_g - \lambda_o = 204.9^\circ$ ,  $\beta_g = 5.0^\circ$ ,  $\Delta r = 3^\circ$ ,  $\Delta \lambda_o = 10^\circ$ .

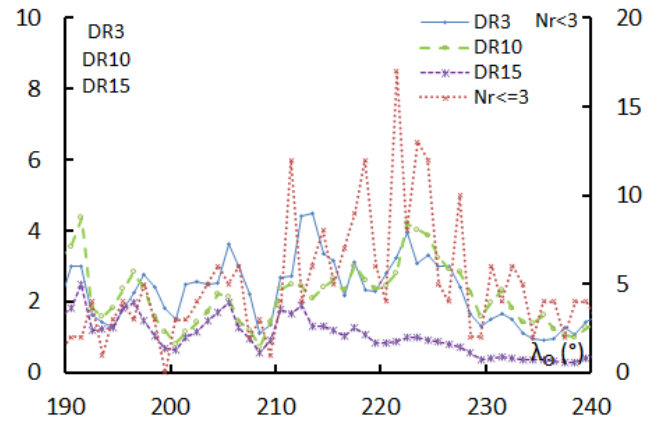
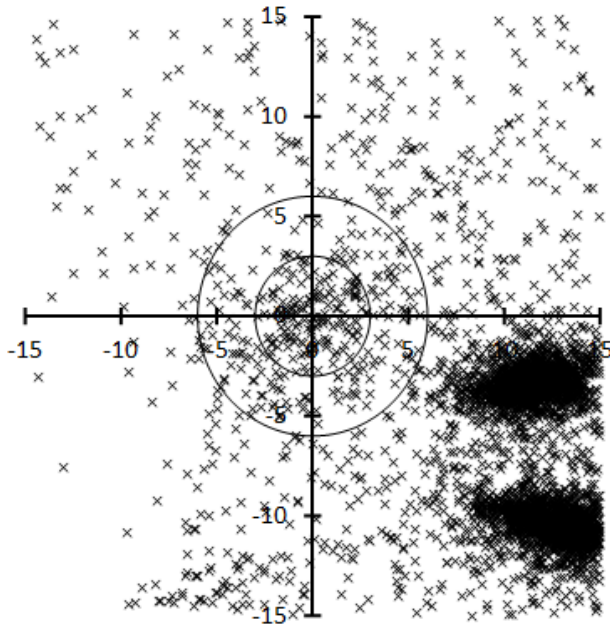


Table 1 – Number per year.

Year	N	Year	N
2007	3	2013	12
2008	9	2014	17
2009	20	2015	10
2010	10	2016	14
2011	14	2017	20
2012	12	2018	11

Table 2 – Activity profiles.

	$\lambda_o$	Max
Nr<=3	221.5	17
DR3	213.5	4.5
DR10	222.5	4.2
DR15	212.5	1.9

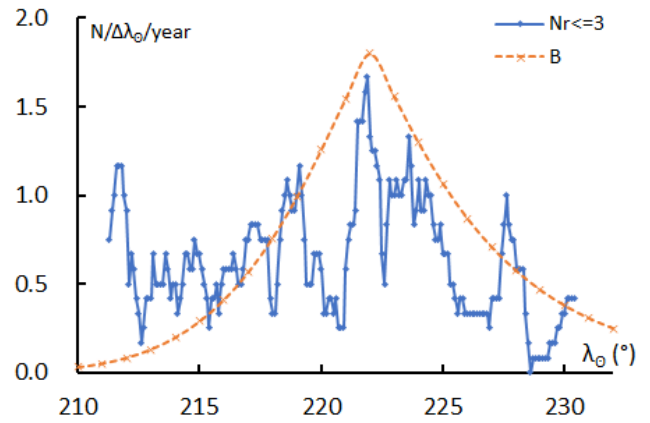


Table 3 – Evolution of the orbital parameters during the activity period.

$\lambda_o$	$\lambda_g - \lambda_o$	$\beta_g$	$\alpha_g$	$\delta_g$	$v_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\pi}$	$\beta_{\pi}$	$a$
205	207.3	5.6	48.3	23.8	43.2	0.988	0.068	22.7	331.0	205.0	177.9	-10.8	5.61
206	207.1	5.6	49.2	24.0	43.1	0.987	0.071	22.2	330.5	206.0	178.4	-10.7	5.43
207	207.0	5.7	50.1	24.2	42.9	0.986	0.073	21.8	330.1	207.0	178.9	-10.7	5.25
208	206.8	5.7	51.0	24.5	42.7	0.985	0.075	21.4	329.7	208.0	179.5	-10.6	5.09
209	206.7	5.7	51.9	24.7	42.5	0.984	0.077	21.1	329.3	209.0	180.0	-10.6	4.94
210	206.6	5.7	52.8	24.9	42.3	0.983	0.079	20.7	328.9	210.0	180.5	-10.5	4.79
211	206.4	5.7	53.7	25.1	42.1	0.982	0.082	20.4	328.4	211.0	181.1	-10.5	4.66
212	206.3	5.7	54.6	25.3	42.0	0.981	0.084	20.0	328.0	212.0	181.6	-10.4	4.53
213	206.1	5.7	55.5	25.5	41.8	0.980	0.086	19.7	327.6	213.0	182.2	-10.4	4.41
214	206.0	5.7	56.4	25.7	41.6	0.979	0.089	19.4	327.2	214.0	182.7	-10.3	4.30
215	205.8	5.8	57.4	25.9	41.4	0.978	0.091	19.0	326.8	215.0	183.3	-10.3	4.19
216	205.7	5.8	58.3	26.1	41.2	0.977	0.094	18.7	326.4	216.0	183.8	-10.2	4.09
217	205.5	5.8	59.2	26.3	41.1	0.976	0.096	18.4	326.0	217.0	184.4	-10.2	3.99
218	205.4	5.8	60.1	26.5	40.9	0.975	0.099	18.2	325.6	218.0	184.9	-10.1	3.90
219	205.2	5.8	61.1	26.7	40.7	0.974	0.101	17.9	325.2	219.0	185.5	-10.1	3.82
220	205.1	5.8	62.0	26.9	40.5	0.972	0.104	17.6	324.8	220.0	186.0	-10.0	3.73
221	204.9	5.8	62.9	27.0	40.3	0.971	0.106	17.3	324.4	221.0	186.6	-10.0	3.65
222	204.8	5.8	63.9	27.2	40.1	0.970	0.109	17.1	324.0	222.0	187.2	-9.9	3.58
223	204.7	5.8	64.8	27.3	40.0	0.968	0.111	16.8	323.6	223.0	187.7	-9.9	3.51
224	204.5	5.9	65.7	27.5	39.8	0.967	0.114	16.6	323.2	224.0	188.3	-9.9	3.44
225	204.4	5.9	66.7	27.6	39.6	0.965	0.117	16.3	322.8	225.0	188.9	-9.8	3.37

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

$\lambda_o$	$\lambda_g - \lambda_o$	$\beta_g$	$\alpha_g$	$\delta_g$	$v_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\Pi}$	$\beta_{\Pi}$	$a$
226	204.2	5.9	67.6	27.8	39.4	0.964	0.119	16.1	322.4	226.0	189.5	-9.8	3.31
227	204.1	5.9	68.6	27.9	39.2	0.962	0.122	15.9	322.0	227.0	190.0	-9.7	3.25
228	203.9	5.9	69.5	28.1	39.1	0.961	0.125	15.7	321.6	228.0	190.6	-9.7	3.19
229	203.8	5.9	70.5	28.2	38.9	0.959	0.128	15.4	321.2	229.0	191.2	-9.6	3.13
230	203.6	5.9	71.4	28.3	38.7	0.958	0.130	15.2	320.8	230.0	191.8	-9.6	3.08
231	203.5	5.9	72.4	28.4	38.5	0.956	0.133	15.0	320.4	231.0	192.4	-9.5	3.03
232	203.3	5.9	73.3	28.5	38.3	0.954	0.136	14.8	320.0	232.0	193.0	-9.5	2.98
233	203.2	6.0	74.3	28.6	38.2	0.953	0.139	14.6	319.6	233.0	193.5	-9.4	2.93
234	203.0	6.0	75.3	28.7	38.0	0.951	0.142	14.4	319.2	234.0	194.1	-9.4	2.88
235	202.9	6.0	76.2	28.8	37.8	0.949	0.145	14.2	318.8	235.0	194.7	-9.3	2.84