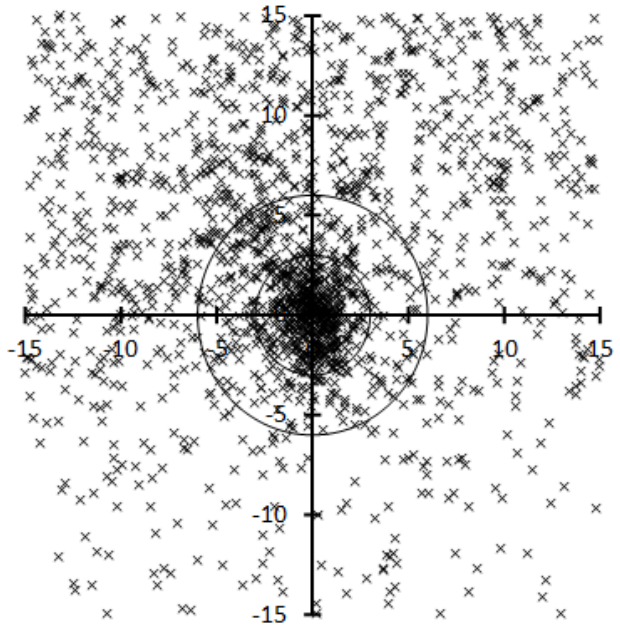
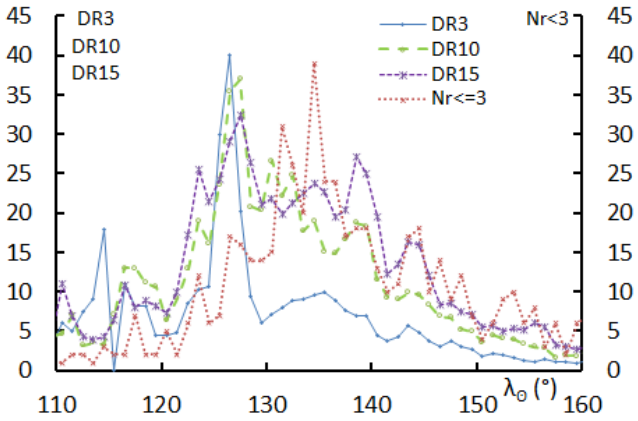
ERI (#0191): Total of **510** orbits. $\lambda_\odot$ = 137.6°, λ_g–$\lambda_\odot$ = 260.6°, β_g = –27.3°, Δr = 3°, $\Delta\lambda_\odot$ = 20°.





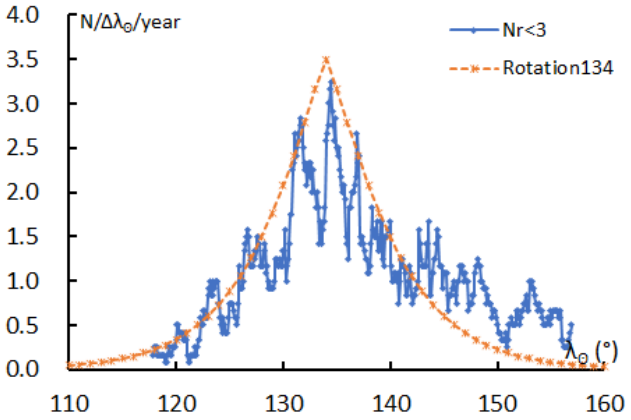


Table 1 – Number per year.

Year	N	Year	N
2007	37	2013	43
2008	35	2014	29
2009	30	2015	35
2010	57	2016	47
2011	35	2017	30
2012	78	2018	54

Table 2 – Activity profiles.

	$\lambda_\odot$	Max
Nr<=3	134.5	39
DR3	126.5	40.0
DR10	127.5	37.0
DR15	127.5	32.4

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
110	259.6	–28.4	20.5	–22.2	63.7	0.942	0.952	130.5	29.6	290.0	269.8	22.0	16.53
111	259.6	–28.3	21.3	–21.8	63.7	0.942	0.952	130.6	29.6	291.0	270.7	22.0	16.34
112	259.6	–28.3	22.2	–21.4	63.8	0.941	0.952	130.6	29.6	292.0	271.7	22.0	16.14
113	259.7	–28.3	23.0	–20.9	63.8	0.940	0.952	130.7	29.6	293.0	272.7	22.0	15.95
114	259.7	–28.2	23.9	–20.5	63.8	0.940	0.952	130.8	29.6	294.0	273.6	22.0	15.76
115	259.7	–28.2	24.7	–20.1	63.8	0.939	0.952	130.8	29.6	295.0	274.6	22.0	15.57
116	259.7	–28.1	25.6	–19.7	63.8	0.938	0.952	130.9	29.6	296.0	275.6	22.0	15.38
117	259.7	–28.1	26.4	–19.3	63.8	0.937	0.952	131.0	29.7	297.0	276.5	21.9	15.19
118	259.7	–28.1	27.3	–18.9	63.8	0.937	0.952	131.0	29.7	298.0	277.5	21.9	15.00
119	259.7	–28.0	28.1	–18.5	63.8	0.936	0.952	131.1	29.7	299.0	278.5	21.9	14.81
120	259.8	–28.0	29.0	–18.2	63.8	0.935	0.951	131.1	29.7	300.0	279.4	21.9	14.62
121	259.8	–27.9	29.8	–17.8	63.8	0.934	0.951	131.2	29.7	301.0	280.4	21.9	14.43
122	259.8	–27.9	30.7	–17.4	63.8	0.933	0.951	131.3	29.7	302.0	281.4	21.9	14.25
123	259.8	–27.9	31.5	–17.0	63.8	0.932	0.951	131.3	29.7	303.0	282.3	21.9	14.06
124	259.8	–27.8	32.4	–16.6	63.9	0.931	0.951	131.4	29.8	304.0	283.3	21.9	13.88
125	259.8	–27.8	33.3	–16.2	63.9	0.931	0.951	131.5	29.8	305.0	284.3	21.8	13.70
126	259.9	–27.7	34.1	–15.9	63.9	0.930	0.951	131.5	29.8	306.0	285.2	21.8	13.51
127	259.9	–27.7	35.0	–15.5	63.9	0.929	0.951	131.6	29.8	307.0	286.2	21.8	13.33
128	259.9	–27.7	35.8	–15.1	63.9	0.928	0.950	131.6	29.8	308.0	287.1	21.8	13.16
129	259.9	–27.6	36.7	–14.8	63.9	0.927	0.950	131.7	29.8	309.0	288.1	21.8	12.98
130	259.9	–27.6	37.5	–14.4	63.9	0.926	0.950	131.8	29.9	310.0	289.1	21.8	12.81

Table 3 – Continued, 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
131	259.9	–27.5	38.4	–14.1	63.9	0.925	0.950	131.8	29.9	311.0	290.0	21.8	12.63
132	260.0	–27.5	39.2	–13.7	63.9	0.924	0.950	131.9	29.9	312.0	291.0	21.8	12.46
133	260.0	–27.5	40.1	–13.4	63.9	0.923	0.950	132.0	29.9	313.0	292.0	21.8	12.29
134	260.0	–27.4	40.9	–13.0	63.9	0.922	0.949	132.0	29.9	314.0	292.9	21.7	12.13
135	260.0	–27.4	41.8	–12.7	64.0	0.921	0.949	132.1	29.9	315.0	293.9	21.7	11.96
136	260.0	–27.3	42.7	–12.3	64.0	0.920	0.949	132.1	30.0	316.0	294.9	21.7	11.80
137	260.0	–27.3	43.5	–12.0	64.0	0.918	0.949	132.2	30.0	317.0	295.8	21.7	11.64
138	260.0	–27.3	44.4	–11.7	64.0	0.917	0.949	132.3	30.0	318.0	296.8	21.7	11.48
139	260.1	–27.2	45.2	–11.4	64.0	0.916	0.948	132.3	30.0	319.0	297.8	21.7	11.32
140	260.1	–27.2	46.1	–11.0	64.0	0.915	0.948	132.4	30.0	320.0	298.7	21.7	11.17
141	260.1	–27.1	47.0	–10.7	64.0	0.914	0.948	132.5	30.0	321.0	299.7	21.7	11.01
142	260.1	–27.1	47.8	–10.4	64.0	0.913	0.948	132.5	30.1	322.0	300.6	21.7	10.86
143	260.1	–27.1	48.7	–10.1	64.0	0.912	0.948	132.6	30.1	323.0	301.6	21.7	10.72
144	260.1	–27.0	49.6	–9.8	64.0	0.910	0.947	132.6	30.1	324.0	302.6	21.6	10.57
145	260.2	–27.0	50.4	–9.5	64.0	0.909	0.947	132.7	30.1	325.0	303.5	21.6	10.43
146	260.2	–26.9	51.3	–9.2	64.1	0.908	0.947	132.8	30.1	326.0	304.5	21.6	10.28
147	260.2	–26.9	52.2	–8.9	64.1	0.907	0.947	132.8	30.1	327.0	305.5	21.6	10.15
148	260.2	–26.9	53.0	–8.6	64.1	0.905	0.947	132.9	30.2	328.0	306.4	21.6	10.01
149	260.2	–26.8	53.9	–8.4	64.1	0.904	0.946	132.9	30.2	329.0	307.4	21.6	9.87
150	260.2	–26.8	54.8	–8.1	64.1	0.903	0.946	133.0	30.2	330.0	308.4	21.6	9.74
151	260.2	–26.7	55.6	–7.8	64.1	0.902	0.946	133.1	30.2	331.0	309.3	21.6	9.61
152	260.3	–26.7	56.5	–7.5	64.1	0.900	0.946	133.1	30.2	332.0	310.3	21.6	9.48
153	260.3	–26.7	57.4	–7.3	64.1	0.899	0.945	133.2	30.3	333.0	311.2	21.6	9.35
154	260.3	–26.6	58.3	–7.0	64.1	0.898	0.945	133.2	30.3	334.0	312.2	21.5	9.23
155	260.3	–26.6	59.2	–6.8	64.1	0.896	0.945	133.3	30.3	335.0	313.2	21.5	9.11
156	260.3	–26.5	60.0	–6.5	64.1	0.895	0.945	133.4	30.3	336.0	314.1	21.5	8.99
157	260.3	–26.5	60.9	–6.3	64.2	0.894	0.944	133.4	30.3	337.0	315.1	21.5	8.87
158	260.4	–26.5	61.8	–6.1	64.2	0.892	0.944	133.5	30.3	338.0	316.1	21.5	8.75
159	260.4	–26.4	62.7	–5.8	64.2	0.891	0.944	133.5	30.4	339.0	317.0	21.5	8.64
160	260.4	–26.4	63.6	–5.6	64.2	0.889	0.944	133.6	30.4	340.0	318.0	21.5	8.53