

Sheet1

Distance from left PMT(F1) to the Cf source 14 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
119334	105732	1988.9	1762.2	1994.4	1764.23
119635	105899	1993.92	1764.98		
120200	105822	2003.33	1763.7	no BKG	no BKG
119486	105963	1991.43	1766.05	1792.21	1545.42

Distance from left PMT(F1) to the Cf source 20 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
156806	141016	2613.43	2350.27	2601.17	2333.87
156054	139918	2600.9	2331.97		
155432	139510	2590.53	2325.17	no BKG	no BKG
155989	139684	2599.82	2328.07	2398.98	2115.05

Distance from left PMT(F1) to the Cf source 30 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
174177	165356	2902.95	2755.93	2904.18	2751.57
175014	165636	2916.9	2760.6		
174289	165191	2904.82	2753.18	no BKG	no BKG
173524	164194	2892.07	2736.57	2702	2532.75

Distance from left PMT(F1) to the Cf source 40 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
174547	172619	2909.12	2876.98	2909.48	2919.55
174516	175707	2908.6	2928.45		
173781	175444	2896.35	2924.07	no BKG	no BKG
175432	176921	2923.87	2948.68	2707.3	2700.73

Distance from left PMT(F1) to the Cf source 50 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
170973	184042	2849.55	3067.37	2846.71	3070.58
170530	184129	2842.17	3068.82		
170350	184030	2839.17	3067.17	no BKG	no BKG
171357	184739	2855.95	3078.98	2644.52	2851.77

Distance from left PMT(F1) to the Cf source 60 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
161353	188268	2689.22	3137.8	2695.56	3146.65
161251	188155	2687.52	3135.92		
162254	189384	2704.23	3156.4	no BKG	no BKG
162077	189389	2701.28	3156.48	2493.38	2927.83

Sheet1

Distance from left PMT(F1) to the Cf source 70 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
152415	193119	2540.25	3218.65	2541.22	3223.86
152876	193905	2547.93	3231.75		
152607	193509	2543.45	3225.15	no BKG	no BKG
151994	193194	2533.23	3219.9	2339.03	3005.05

Distance from left PMT(F1) to the Cf source 80 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
131826	180389	2197.1	3006.48	2197.94	3011.16
132526	180847	2208.77	3014.12		
131489	181135	2191.48	3018.92	no BKG	no BKG
131665	180307	2194.42	3005.12	1995.75	2792.34

Distance from left PMT(F1) to the Cf source 86 cm

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
102547	144398	1709.12	2406.63	1702.73	2392.31
102358	143765	1705.97	2396.08		
102088	143142	1701.47	2385.7	no BKG	no BKG
101663	142850	1694.38	2380.83	1500.55	2173.5

Background counting rate

F1(left)/min	F2(right)/min	F1(left)/sec	F2(right)/sec	<F1(left)/sec>	<F2(right)/sec>
12148	13059	202.47	217.65	202.19	218.82
12007	13124	200.12	218.73		
12059	12992	200.98	216.53		
12311	13341	205.18	222.35		

Distance to PMT, cm	<F1(left)/sec>	<F2(right)/sec>	(<F1>+<F2>)/2	<F1>/<F2>
14	1792.21	1545.42	1668.81	1.16
20	2398.98	2115.05	2257.02	1.13
30	2702	2532.75	2617.38	1.07
40	2707.3	2700.73	2704.01	1
50	2644.52	2851.77	2748.14	0.93
60	2493.38	2927.83	2710.6	0.85
70	2339.03	3005.05	2672.04	0.78
80	1995.75	2792.34	2394.05	0.71
86	1500.55	2173.5	1837.02	0.69



