

Sheet1

Distance from left PMT(G1) to the Cf source 14 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
131758	109320	2195.97	1822	2198.08	1819.42
131952	109302	2199.2	1821.7		
131833	109141	2197.22	1819.02	no BKG	no BKG
131996	108898	2199.93	1814.97	1976.4	1588.56

Distance from left PMT(G1) to the Cf source 20 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
163213	136757	2720.22	2279.28	2720.65	2274.09
163616	136450	2726.93	2274.17		
163016	135309	2716.93	2255.15	no BKG	no BKG
163111	137265	2718.52	2287.75	2498.98	2043.23

Distance from left PMT(G1) to the Cf source 30 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
186835	168855	3113.92	2814.25	3115.25	2820.61
187120	169474	3118.67	2824.57		
187431	169838	3123.85	2830.63	no BKG	no BKG
186273	168779	3104.55	2812.98	2893.57	2589.75

Distance from left PMT(G1) to the Cf source 40 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
186014	181421	3100.23	3023.68	3109.08	3033.49
186699	182120	3111.65	3035.33		
186374	181720	3106.23	3028.67	no BKG	no BKG
187093	182776	3118.22	3046.27	2887.41	2802.63

Distance from left PMT(G1) to the Cf source 50 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
181406	191763	3023.43	3196.05	3026.21	3204.68
181899	192601	3031.65	3210.02		
181699	192569	3028.32	3209.48	no BKG	no BKG
181287	192189	3021.45	3203.15	2804.54	2973.82

Distance from left PMT(G1) to the Cf source 60 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
174676	200931	2911.27	3348.85	2907.54	3343.45
174103	200561	2901.72	3342.68		
174661	200662	2911.02	3344.37	no BKG	no BKG
174369	200274	2906.15	3337.9	2685.86	3112.59

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Distance from left PMT(G1) to the Cf source 70 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
162703	200878	2711.72	3347.97	2713.74	3349.09
162876	200560	2714.6	3342.67		
162603	201059	2710.05	3350.98	no BKG	no BKG
163116	201284	2718.6	3354.73	2492.07	3118.23

Distance from left PMT(G1) to the Cf source 80 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
135532	178343	2258.87	2972.38	2257.78	2967.94
135252	177870	2254.2	2964.5		
135877	178315	2264.62	2971.92	no BKG	no BKG
135205	177777	2253.42	2962.95	2036.1	2737.08

Distance from left PMT(G1) to the Cf source 86 cm

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
96003	129053	1600.05	2150.88	1605.26	2154.66
96074	128892	1601.23	2148.2		
96744	129815	1612.4	2163.58	no BKG	no BKG
96441	129359	1607.35	2155.98	1383.58	1923.8

Background counting rate

G1(left)/min	G2(right)/min	G1(left)/sec	G2(right)/sec	<G1(left)/sec>	<G2(right)/sec>
13353	13872	222.55	231.2	221.68	230.86
13313	13886	221.88	231.43		
13250	13856	220.83	230.93		
13286	13792	221.43	229.87		

Distance to PMT, cm	<G1(left)/sec>	<G2(right)/sec>	(<G1>+<G2>)/2	<G1>/<G2>
14	1976.4	1588.56	1782.48	1.24
20	2498.98	2043.23	2271.1	1.22
30	2893.57	2589.75	2741.66	1.12
40	2887.41	2802.63	2845.02	1.03
50	2804.54	2973.82	2889.18	0.94
60	2685.86	3112.59	2899.23	0.86
70	2492.07	3118.23	2805.15	0.8
80	2036.1	2737.08	2386.59	0.74
86	1383.58	1923.8	1653.69	0.72



