

Sheet1

Distance from left PMT(K1) to the Cf source 14 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
143937	126627	2398.95	2110.45	2387.77	2116.78
143059	127363	2384.32	2122.72		
142725	126421	2378.75	2107.02	no BKG	no BKG
143344	127615	2389.07	2126.92	2130.45	1761.15

Distance from left PMT(K1) to the Cf source 29 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
210244	197665	3504.07	3294.42	3504.95	3292.93
210408	197604	3506.8	3293.4		
210679	197628	3511.32	3293.8	no BKG	no BKG
209856	197406	3497.6	3290.1	3247.63	2937.31

Distance from left PMT(K1) to the Cf source 40 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
211489	217136	3524.82	3618.93	3529.43	3608.5
212392	216637	3539.87	3610.62		
212487	216776	3541.45	3612.93	no BKG	no BKG
210695	215490	3511.58	3591.5	3272.11	3252.87

Distance from left PMT(K1) to the Cf source 50 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
197513	222107	3291.88	3701.78	3294.2	3686.3
198037	220677	3300.62	3677.95		
197152	221536	3285.87	3692.27	no BKG	no BKG
197907	220392	3298.45	3673.2	3036.89	3330.68

Distance from left PMT(K1) to the Cf source 60 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
190028	237609	3167.13	3960.15	3162.38	3940.67
189073	235604	3151.22	3926.73		
190081	236420	3168.02	3940.33	no BKG	no BKG
189788	236127	3163.13	3935.45	2905.06	3585.04

Distance from left PMT(K1) to the Cf source 70 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
175238	240650	2920.63	4010.83	2926.93	4017.07
175883	241068	2931.38	4017.8		
175439	241349	2923.98	4022.48	no BKG	no BKG
175903	241030	2931.72	4017.17	2669.61	3661.45

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Distance from left PMT(K1) to the Cf source 80 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
148276	220410	2471.27	3673.5	2469.43	3676.75
148303	220306	2471.72	3671.77		
147860	220789	2464.33	3679.82	no BKG	no BKG
148224	220916	2470.4	3681.93	2212.11	3321.13

Distance from left PMT(K1) to the Cf source 86 cm

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
109135	169464	1818.92	2824.4	1823.71	2828.82
109579	169759	1826.32	2829.32		
109490	169630	1824.83	2827.17	no BKG	no BKG
109487	170063	1824.78	2834.38	1566.39	2473.19

Background counting rate

K1(left)/min	K2(right)/min	K1(left)/sec	K2(right)/sec	<K1(left)/sec>	<K2(right)/sec>
15576	20991	259.6	349.85	257.32	355.62
15603	21605	260.05	360.08		
15495	22480	258.25	374.67		
15397	21594	256.62	359.9		
15349	20821	255.82	347.02		
15251	20894	254.18	348.23		
15403	20977	256.72	349.62		

Distance to PMT, cm	<K1(left)/sec>	<K2(right)/sec>	(<K1>+<K2>)/2	<K1>/<K2>
14	2130.45	1761.15	1945.8	1.21
29	3247.63	2937.31	3092.47	1.11
40	3272.11	3252.87	3262.49	1.01
50	3036.89	3330.68	3183.78	0.91
60	2905.06	3585.04	3245.05	0.81
70	2669.61	3661.45	3165.53	0.73
80	2212.11	3321.13	2766.62	0.67
86	1566.39	2473.19	2019.79	0.63



