

Sheet1

Distance from left PMT(H1) to the Cf source 14 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
207320	162202	3455.33	2703.37	3440.98	2695.12
205824	161088	3430.4	2684.8		
206530	162034	3442.17	2700.57	no BKG	no BKG
206162	161504	3436.03	2691.73	3137.99	2406.6

Distance from left PMT(H1) to the Cf source 20 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
270610	216535	4510.17	3608.92	4502.82	3605.9
270729	216643	4512.15	3610.72		
269834	216181	4497.23	3603.02	no BKG	no BKG
269503	216057	4491.72	3600.95	4199.83	3317.38

Distance from left PMT(H1) to the Cf source 30 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
299763	251498	4996.05	4191.63	5004.71	4201.22
300325	252125	5005.42	4202.08		
300544	252541	5009.07	4209.02	no BKG	no BKG
300499	252129	5008.32	4202.15	4701.72	3912.7

Distance from left PMT(H1) to the Cf source 40 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
301830	267104	5030.5	4451.73	5013.68	4440.1
300880	266418	5014.67	4440.3		
300566	266121	5009.43	4435.35	no BKG	no BKG
300006	265981	5000.1	4433.02	4710.68	4151.58

Distance from left PMT(H1) to the Cf source 50 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
295112	275934	4918.53	4598.9	4918.87	4604.38
296187	277067	4936.45	4617.78		
295043	276339	4917.38	4605.65	no BKG	no BKG
294186	275711	4903.1	4595.18	4615.88	4315.86

Distance from left PMT(H1) to the Cf source 60 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
287201	285255	4786.68	4754.25	4775.22	4744.83
285913	284624	4765.22	4743.73		
285900	283745	4765	4729.08	no BKG	no BKG
287038	285136	4783.97	4752.27	4472.23	4456.31

Sheet1

Distance from left PMT(H1) to the Cf source 70 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
273902	289723	4565.03	4828.72	4559.7	4823.63
273899	289589	4564.98	4826.48		
273182	289237	4553.03	4820.62	no BKG	no BKG
273345	289123	4555.75	4818.72	4256.71	4535.11

Distance from left PMT(H1) to the Cf source 80 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
238263	267261	3971.05	4454.35	3967.29	4452.95
237446	266607	3957.43	4443.45		
238044	267217	3967.4	4453.62	no BKG	no BKG
238396	267623	3973.27	4460.38	3664.3	4164.43

Distance from left PMT(H1) to the Cf source 86 cm

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
180186	207575	3003.1	3459.58	2984.38	3438.19
178964	206150	2982.73	3435.83		
178991	206130	2983.18	3435.5	no BKG	no BKG
178109	205310	2968.48	3421.83	2681.38	3149.67

Background counting rate

H1(left)/min	H2(right)/min	H1(left)/sec	H2(right)/sec	<H1(left)/sec>	<H2(right)/sec>
17975	17044	299.58	284.07	302.99	288.52
18281	17569	304.68	292.82		
18030	17140	300.5	285.67		
18432	17492	307.2	291.53		

Distance to PMT, cm	<H1(left)/sec>	<H2(right)/sec>	(<H1>+<H2>)/2	<H1>/<H2>
14	3137.99	2406.6	2772.29	1.3
20	4199.83	3317.38	3758.6	1.27
30	4701.72	3912.7	4307.21	1.2
40	4710.68	4151.58	4431.13	1.13
50	4615.88	4315.86	4465.87	1.07
60	4472.23	4456.31	4464.27	1
70	4256.71	4535.11	4395.91	0.94
80	3664.3	4164.43	3914.36	0.88
86	2681.38	3149.67	2915.53	0.85



