

Sheet1

Distance from left PMT(E1) to the Cf source 14 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
92791	85601	1546.52	1426.68	1546.87	1426.82
92693	85678	1544.88	1427.97		
92470	85679	1541.17	1427.98	no BKG	no BKG
93294	85478	1554.9	1424.63	1381.89	1227.08

Distance from left PMT(E1) to the Cf source 20 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
116244	108786	1937.4	1813.1	1938.25	1814
116218	109171	1936.97	1819.52		
116251	108710	1937.52	1811.83	no BKG	no BKG
116467	108694	1941.12	1811.57	1773.27	1614.26

Distance from left PMT(E1) to the Cf source 30 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
133251	133224	2220.85	2220.4	2213.39	2226.21
133195	134437	2219.92	2240.62		
132038	132971	2200.63	2216.18	no BKG	no BKG
132729	133659	2212.15	2227.65	2048.41	2026.47

Distance from left PMT(E1) to the Cf source 40 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
132120	145371	2202	2422.85	2195.38	2421.8
131590	145673	2193.17	2427.88		
131476	144881	2191.27	2414.68	no BKG	no BKG
131705	145306	2195.08	2421.77	2030.4	2222.05

Distance from left PMT(E1) to the Cf source 50 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
126550	155149	2109.17	2585.82	2114.93	2588.19
127090	155436	2118.17	2590.6		
127230	155167	2120.5	2586.12	no BKG	no BKG
126714	155414	2111.9	2590.23	1949.95	2388.45

Distance from left PMT(E1) to the Cf source 60 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
119555	161822	1992.58	2697.03	1986.8	2692.08
119265	161539	1987.75	2692.32		
118637	161069	1977.28	2684.48	no BKG	no BKG
119376	161668	1989.6	2694.47	1821.83	2492.33

Sheet1

Distance from left PMT(E1) to the Cf source 70 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
108887	162704	1814.78	2711.73	1823.55	2728.18
110078	164411	1834.63	2740.18		
109252	163874	1820.87	2731.23	no BKG	no BKG
109434	163775	1823.9	2729.58	1658.57	2528.44

Distance from left PMT(E1) to the Cf source 80 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
90664	147827	1511.07	2463.78	1510.53	2462.76
91187	148391	1519.78	2473.18		
90197	147053	1503.28	2450.88	no BKG	no BKG
90480	147791	1508	2463.18	1345.55	2263.02

Distance from left PMT(E1) to the Cf source 86 cm

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
71130	120385	1185.5	2006.42	1190.7	2008.18
72048	121028	1200.8	2017.13		
71143	120400	1185.72	2006.67	no BKG	no BKG
71447	120149	1190.78	2002.48	1025.72	1808.43

Background counting rate

E1(left)/min	E2(right)/min	E1(left)/sec	E2(right)/sec	<E1(left)/sec>	<E2(right)/sec>
9940	12123	165.67	202.05	164.98	199.74
9884	11936	164.73	198.93		
9871	11942	164.52	199.03		
9900	11937	165	198.95		

Distance to PMT, cm	<E1(left)/sec>	<E2(right)/sec>	(<E1>+<E2>)/2	<E1>/<E2>
14	1381.89	1227.08	1304.48	1.13
20	1773.27	1614.26	1693.77	1.1
30	2048.41	2026.47	2037.44	1.01
40	2030.4	2222.05	2126.23	0.91
50	1949.95	2388.45	2169.2	0.82
60	1821.83	2492.33	2157.08	0.73
70	1658.57	2528.44	2093.5	0.66
80	1345.55	2263.02	1804.29	0.59
86	1025.72	1808.43	1417.08	0.57



