

Sheet1

Distance from left PMT(I1) to the Cf source 14 cm I1

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
102998	42575	1716.63	709.58	1717.76	710.3
103194	42587	1719.9	709.78		
102642	42442	1710.7	707.37	no BKG	no BKG
103428	42869	1723.8	714.48	1502.43	562.78

Distance from left PMT(I1) to the Cf source 20 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
136636	56001	2277.27	933.35	2270.81	928.8
136106	55505	2268.43	925.08		
136248	55679	2270.8	927.98	no BKG	no BKG
136005	55727	2266.75	928.78	2055.48	781.27

Distance from left PMT(I1) to the Cf source 30 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
153522	66169	2558.7	1102.82	2558.57	1102.97
153424	66778	2557.07	1112.97		
153808	66175	2563.47	1102.92	no BKG	no BKG
153302	65591	2555.03	1093.18	2343.24	955.44

Distance from left PMT(I1) to the Cf source 40 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
157033	72337	2617.22	1205.62	2611.55	1204.68
157421	72521	2623.68	1208.68		
156531	72712	2608.85	1211.87	no BKG	no BKG
155788	71553	2596.47	1192.55	2396.23	1057.15

Distance from left PMT(I1) to the Cf source 50 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
151929	75861	2532.15	1264.35	2554.62	1263.83
152065	76123	2534.42	1268.72		
157729	75389	2628.82	1256.48	no BKG	no BKG
151385	75947	2523.08	1265.78	2339.29	1116.3

Distance from left PMT(I1) to the Cf source 60 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
147458	80031	2457.63	1333.85	2462.61	1295.58
147976	70301	2466.27	1171.68		
147984	80359	2466.4	1339.32	no BKG	no BKG
147608	80247	2460.13	1337.45	2247.28	1148.05

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Distance from left PMT(I1) to the Cf source 70 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
138473	83191	2307.88	1386.52	2305.29	1381.58
138053	82642	2300.88	1377.37		
138110	82676	2301.83	1377.93	no BKG	no BKG
138634	83069	2310.57	1384.48	2089.96	1234.05

Distance from left PMT(I1) to the Cf source 80 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
119612	78421	1993.53	1307.02	1996.36	1312.14
119783	78757	1996.38	1312.62		
120340	79316	2005.67	1321.93	no BKG	no BKG
119392	78420	1989.87	1307	1781.03	1164.61

Distance from left PMT(I1) to the Cf source 86 cm

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
91984	63259	1533.07	1054.32	1523.67	1046.1
91127	62553	1518.78	1042.55		
91359	62773	1522.65	1046.22	no BKG	no BKG
91211	62478	1520.18	1041.3	1308.34	898.57

Background counting rate

I1(left)/min	I2(right)/min	I1(left)/sec	I2(right)/sec	<I1(left)/sec>	<I2(right)/sec>
13038	8831	217.3	147.18	215.33	147.53
13033	9046	217.22	150.77		
12787	8759	213.12	145.98		
12821	8771	213.68	146.18		

Distance to PMT, cm	<I1(left)/sec>	<I2(right)/sec>	(<I1>+<I2>)/2	<I1>/<I2>
14	1502.43	562.78	1032.6	2.67
20	2055.48	781.27	1418.38	2.63
30	2343.24	955.44	1649.34	2.45
40	2396.23	1057.15	1726.69	2.27
50	2339.29	1116.3	1727.8	2.1
60	2247.28	1148.05	1697.66	1.96
70	2089.96	1234.05	1662	1.69
80	1781.03	1164.61	1472.82	1.53
86	1308.34	898.57	1103.45	1.46



