

Sheet1

Distance from left PMT(M1) to the Cf source 14 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
141176	50841	2352.93	847.35	<b>2370</b>	<b>850.82</b>
143545	50991	2392.42	849.85		
141006	51281	2350.1	854.68	no BKG	no BKG
143074	51083	2384.57	851.38	<b>1568.59</b>	<b>695.16</b>

Distance from left PMT(M1) to the Cf source 20 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
171050	66956	2850.83	1115.93	<b>2913.93</b>	<b>1112.68</b>
176227	66933	2937.12	1115.55		
176836	66849	2947.27	1114.15	no BKG	no BKG
175229	66305	2920.48	1105.08	<b>2112.51</b>	<b>957.02</b>

Distance from left PMT(M1) to the Cf source 30 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
192524	81321	3208.73	1355.35	<b>3198.98</b>	<b>1354.81</b>
192321	81557	3205.35	1359.28		
190383	80653	3173.05	1344.22	no BKG	no BKG
192526	81623	3208.77	1360.38	<b>2397.56</b>	<b>1199.15</b>

Distance from left PMT(M1) to the Cf source 40 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
195543	93796	3259.05	1563.27	<b>3268.96</b>	<b>1557.97</b>
196416	93688	3273.6	1561.47		
196255	93262	3270.92	1554.37	no BKG	no BKG
196337	93167	3272.28	1552.78	<b>2467.55</b>	<b>1402.31</b>

Distance from left PMT(M1) to the Cf source 50 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
187864	99704	3131.07	1661.73	<b>3153.01</b>	<b>1667.1</b>
188445	99821	3140.75	1663.68		
190441	100351	3174.02	1672.52	no BKG	no BKG
189973	100228	3166.22	1670.47	<b>2351.6</b>	<b>1511.44</b>

Distance from left PMT(M1) to the Cf source 60 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
173508	104661	2891.8	1744.35	<b>2904.38</b>	<b>1739.29</b>
175112	104390	2918.53	1739.83		
174174	104249	2902.9	1737.48	no BKG	no BKG
174257	104129	2904.28	1735.48	<b>2102.96</b>	<b>1583.63</b>

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Distance from left PMT(M1) to the Cf source 70 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
174535	112790	2908.92	1879.83	<b>2889.61</b>	<b>1879.08</b>
171849	112436	2864.15	1873.93		
173991	112875	2899.85	1881.25	no BKG	no BKG
173132	112877	2885.53	1881.28	<b>2088.2</b>	<b>1723.42</b>

Distance from left PMT(M1) to the Cf source 80 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
152062	100539	2534.37	1675.65	<b>2450.16</b>	<b>1668.59</b>
144348	99950	2405.8	1665.83		
142541	99853	2375.68	1664.22	no BKG	no BKG
149087	100120	2484.78	1668.67	<b>1648.74</b>	<b>1512.93</b>

Distance from left PMT(M1) to the Cf source 86 cm

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
132918	86684	2215.3	1444.73	<b>2143.39</b>	<b>1442.84</b>
128323	86250	2138.72	1437.5		
126825	86660	2113.75	1444.33	no BKG	no BKG
126347	86687	2105.78	1444.78	<b>1341.97</b>	<b>1287.18</b>

Background counting rate

M1(left)/min	M2(right)/min	M1(left)/sec	M2(right)/sec	<M1(left)/sec>	<M2(right)/sec>
47814	9304	796.9	155.07	<b>801.42</b>	<b>155.66</b>
47071	9219	784.52	153.65		
48032	9428	800.53	157.13		
49423	9407	823.72	156.78		

Distance to PMT, cm	<M1(left)/sec>	<M2(right)/sec>	(<M1>+<M2>)/2	<M1>/<M2>
14	1568.59	695.16	1131.87	2.26
20	2112.51	957.02	1534.76	2.21
30	2397.56	1199.15	1798.35	2
40	2467.55	1402.31	1934.93	1.76
50	2351.6	1511.44	1931.52	1.56
60	2102.96	1583.63	1843.3	1.33
70	2088.2	1723.42	1905.81	1.21
80	1648.74	1512.93	1580.84	1.09
86	1341.97	1287.18	1314.58	1.04



