

MCP-PMTs tests using the g-2 magnet

| run number | B (G) | HV (V) | LED (mV) | theta (deg) | Tube # | Notes |
|------------|-------|--------|----------|-------------|---------------|-------|
| 2001 | 20 | 2706 | 2.8 | 0 | Tube 74 (MgO) | |
| 2002 | 2000 | 2706 | 2.8 | 0 | Tube 74 (MgO) | |
| 2003 | 2000 | 2706 | 3.8 | 0 | Tube 74 (MgO) | |

Note: The tube 74 does not hold the HV anymore

| run number | B (G) | HV (volt) | LED (mV) | theta (deg) | Tube # | |
|------------|-------|-----------|----------|-------------|---------------|----------------------|
| 2004 | 2300 | 2850 | 3 | 0 | Tube 69 (AIO) | Fixed light level, |
| 2005 | 5000 | 2850 | 3 | 0 | Tube 69 (AIO) | Fixed HV, |
| 2006 | 7500 | 2850 | 3 | 0 | Tube 69 (AIO) | vary the B field |
| 2007 | 10000 | 2850 | 3 | 0 | tube 69 (AIO) | |
| 2008 | 12500 | 2850 | 3 | 0 | tube 69 (AIO) | |
| 2009 | 14500 | 2850 | 3 | 0 | tube 69 (AIO) | |
| 2010 | 20 | 2850 | 3 | 0 | tube 69 (AIO) | Fixed light level, |
| 2011 | 14500 | 2850 | 4 | 0 | tube 69 (AIO) | Fixed HV, |
| 2012 | 12500 | 2850 | 4 | 0 | tube 69 (AIO) | vary the B field |
| 2013 | 10000 | 2850 | 4 | 0 | tube 69 (AIO) | |
| 2014 | 7500 | 2850 | 4 | 0 | tube 69 (AIO) | |
| 2015 | 5000 | 2850 | 4 | 0 | tube 69 (AIO) | |
| 2016 | 2500 | 2850 | 4 | 0 | tube 69 (AIO) | |
| 2017 | 20 | 2850 | 4 | 0 | tube 69 (AIO) | |
| 2018 | 20 | 3000 | 2 | 0 | tube 69 (AIO) | Fixed HV, |
| 2019 | 20 | 3000 | 2.2 | 0 | tube 69 (AIO) | Fixed B field, |
| 2020 | 20 | 3000 | 2.4 | 0 | tube 69 (AIO) | vary the light level |
| 2021 | 20 | 3000 | 2.6 | 0 | tube 69 (AIO) | |
| 2022 | 20 | 3000 | 2.8 | 0 | tube 69 (AIO) | |
| 2023 | 20 | 3000 | 3 | 0 | tube 69 (AIO) | |
| 2024 | 20 | 3000 | 3.2 | 0 | tube 69 (AIO) | |
| 2025 | 20 | 3000 | 3.4 | 0 | tube 69 (AIO) | |
| 2026 | 20 | 3000 | 3.6 | 0 | tube 69 (AIO) | |
| 2027 | 20 | 3000 | 3.8 | 0 | tube 69 (AIO) | |
| 2028 | 20 | 3000 | 4 | 0 | tube 69 (AIO) | |

Sheet1

| run number | B (G) | HV (V) | LED (mV) | theta (deg) | Tube # | Notes |
|------------|-------|--------|----------|-------------|---------------|--|
| 2029 | 20 | 2750 | 3.5 | 0 | tube 69 (AIO) | Fixed light level, vary the HV at different B fields |
| 2030 | 20 | 2800 | 3.5 | 0 | tube 69 (AIO) | |
| 2031 | 20 | 2850 | 3.5 | 0 | tube 69 (AIO) | |
| 2032 | 20 | 2900 | 3.5 | 0 | tube 69 (AIO) | |
| 2033 | 20 | 2950 | 3.5 | 0 | tube 69 (AIO) | |
| 2034 | 20 | 3000 | 3.5 | 0 | tube 69 (AIO) | |
| 2035 | 20 | 3050 | 3.5 | 0 | tube 69 (AIO) | |
| 2036 | 20 | 3100 | 3.5 | 0 | tube 69 (AIO) | |
| 2037 | 20 | 3150 | 3.5 | 0 | tube 69 (AIO) | |
| 2038 | 2500 | 2750 | 3.5 | 0 | tube 69 (AIO) | |
| 2039 | 2500 | 2800 | 3.5 | 0 | tube 69 (AIO) | |
| 2040 | 2500 | 2850 | 3.5 | 0 | tube 69 (AIO) | |
| 2041 | 2500 | 2900 | 3.5 | 0 | tube 69 (AIO) | |
| 2042 | 2500 | 2950 | 3.5 | 0 | tube 69 (AIO) | |
| 2043 | 2500 | 3000 | 3.5 | 0 | tube 69 (AIO) | |
| 2044 | 2500 | 3050 | 3.5 | 0 | tube 69 (AIO) | |
| 2045 | 2500 | 3100 | 3.5 | 0 | tube 69 (AIO) | |
| 2046 | 5000 | 2750 | 3.5 | 0 | tube 69 (AIO) | |
| 2047 | 5000 | 2800 | 3.5 | 0 | tube 69 (AIO) | |
| 2048 | 5000 | 2850 | 3.5 | 0 | tube 69 (AIO) | |
| 2049 | 5000 | 2900 | 3.5 | 0 | tube 69 (AIO) | |
| 2050 | 5000 | 2950 | 3.5 | 0 | tube 69 (AIO) | |
| 2051 | 5000 | 3000 | 3.5 | 0 | tube 69 (AIO) | |
| 2052 | 5000 | 3050 | 3.5 | 0 | tube 69 (AIO) | |
| 2053 | 5000 | 3100 | 3.5 | 0 | tube 69 (AIO) | |
| 2054 | 7500 | 2850 | 3.5 | 0 | tube 69 (AIO) | |
| 2055 | 7500 | 2900 | 3.5 | 0 | tube 69 (AIO) | |
| 2056 | 7500 | 2950 | 3.5 | 0 | tube 69 (AIO) | |
| 2057 | 7500 | 3000 | 3.5 | 0 | tube 69 (AIO) | |
| 2058 | 7500 | 3050 | 3.5 | 0 | tube 69 (AIO) | |
| 2059 | 7500 | 3100 | 3.5 | 0 | tube 69 (AIO) | |

Note: The tube 69 does not hold the HV anymore

Sheet1

| run number | B (G) | HV (V) | LED (mV) | theta (deg) | Tube # | Notes |
|------------|-------|--------|----------|-------------|---------------|---|
| 2060 | 20 | 2200 | 3.5 | 0 | Tube 52 (AIO) | Fixed light level , vary the HV at different B fields |
| 2061 | 20 | 2250 | 3.5 | 0 | Tube 52 (AIO) | |
| 2062 | 20 | 2300 | 3.5 | 0 | Tube 52 (AIO) | |
| 2063 | 20 | 2350 | 3.5 | 0 | Tube 52 (AIO) | |
| 2064 | 20 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2065 | 20 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2066 | 20 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2067 | 20 | 2550 | 3.5 | 0 | Tube 52 (AIO) | |
| 2068 | 1250 | 2200 | 3.5 | 0 | Tube 52 (AIO) | |
| 2069 | 1250 | 2250 | 3.5 | 0 | Tube 52 (AIO) | |
| 2070 | 1250 | 2300 | 3.5 | 0 | Tube 52 (AIO) | |
| 2071 | 1250 | 2350 | 3.5 | 0 | Tube 52 (AIO) | |
| 2072 | 1250 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2073 | 1250 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2074 | 1250 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2075 | 1250 | 2550 | 3.5 | 0 | Tube 52 (AIO) | |
| 2076 | 2500 | 2200 | 3.5 | 0 | Tube 52 (AIO) | |
| 2077 | 2500 | 2250 | 3.5 | 0 | Tube 52 (AIO) | |
| 2078 | 2500 | 2300 | 3.5 | 0 | Tube 52 (AIO) | |
| 2079 | 2500 | 2350 | 3.5 | 0 | Tube 52 (AIO) | |
| 2080 | 2500 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2081 | 2500 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2082 | 2500 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2083 | 3750 | 2200 | 3.5 | 0 | Tube 52 (AIO) | |
| 2084 | 3750 | 2250 | 3.5 | 0 | Tube 52 (AIO) | |
| 2085 | 3750 | 2300 | 3.5 | 0 | Tube 52 (AIO) | |
| 2086 | 3750 | 2350 | 3.5 | 0 | Tube 52 (AIO) | |
| 2087 | 3750 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2088 | 3750 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2089 | 3750 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2090 | 5000 | 2300 | 3.5 | 0 | Tube 52 (AIO) | |
| 2091 | 5000 | 2350 | 3.5 | 0 | Tube 52 (AIO) | |
| 2092 | 5000 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2093 | 5000 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2094 | 5000 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2095 | 6250 | 2300 | 3.5 | 0 | Tube 52 (AIO) | |
| 2096 | 6250 | 2350 | 3.5 | 0 | Tube 52 (AIO) | |
| 2097 | 6250 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2098 | 6250 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2099 | 6250 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2100 | 7500 | 2400 | 3.5 | 0 | Tube 52 (AIO) | |
| 2101 | 7500 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |
| 2102 | 7500 | 2500 | 3.5 | 0 | Tube 52 (AIO) | |
| 2103 | 8000 | 2450 | 3.5 | 0 | Tube 52 (AIO) | |

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| run number | B (G) | HV (V) | LED (mV) | theta (deg) | Tube # | Notes |
|---|-------|--------|----------|-------------|---------------|----------------|
| Put back tube 69, no changes to the detector rather than is was cooled down | | | | | | |
| 3000 | 20 | 2650 | 3.5 | 0 | Tube 69 (AIO) | Repeat HV |
| 3001 | 20 | 2700 | 3.5 | 0 | Tube 69 (AIO) | dependence |
| 3002 | 20 | 2750 | 3.5 | 0 | Tube 69 (AIO) | at different |
| 3003 | 20 | 2800 | 3.5 | 0 | Tube 69 (AIO) | B filed points |
| 3004 | 20 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3005 | 20 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3006 | 20 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3007 | 20 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3008 | 20 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3009 | 20 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3010 | 1250 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3011 | 1250 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3012 | 1250 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3013 | 1250 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3014 | 1250 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3015 | 1250 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3016 | 1250 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3017 | 1250 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3018 | 1250 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3019 | 1250 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3020 | 2500 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3021 | 2500 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3022 | 2500 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3023 | 2500 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3024 | 2500 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3025 | 2500 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3026 | 2500 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3027 | 2500 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3028 | 2500 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3029 | 2500 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3030 | 3750 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3031 | 3750 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3032 | 3750 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3033 | 3750 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3034 | 3750 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3035 | 3750 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3036 | 3750 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3037 | 3750 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3038 | 3750 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3039 | 3750 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3040 | 5000 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3041 | 5000 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3042 | 5000 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3043 | 5000 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3044 | 5000 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3045 | 5000 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3046 | 5000 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |

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| | | | | | | |
|------|-------|------|-----|---|---------------|--|
| 3047 | 5000 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3048 | 5000 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3049 | 5000 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3050 | 6250 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3051 | 6250 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3052 | 6250 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3053 | 6250 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3054 | 6250 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3055 | 6250 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3056 | 6250 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3057 | 6250 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3058 | 6250 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3059 | 6250 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3060 | 7500 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3061 | 7500 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3062 | 7500 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3063 | 7500 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3064 | 7500 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3065 | 7500 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3066 | 7500 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3067 | 7500 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3068 | 7500 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3069 | 7500 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3070 | 8750 | 2650 | 3.5 | 0 | Tube 69 (AIO) | |
| 3071 | 8750 | 2700 | 3.5 | 0 | Tube 69 (AIO) | |
| 3072 | 8750 | 2750 | 3.5 | 0 | Tube 69 (AIO) | |
| 3073 | 8750 | 2800 | 3.5 | 0 | Tube 69 (AIO) | |
| 3074 | 8750 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3075 | 8750 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3076 | 8750 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3077 | 8750 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3078 | 8750 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3079 | 8750 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3080 | 10000 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3081 | 10000 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3082 | 10000 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3083 | 10000 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3084 | 10000 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3085 | 10000 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |
| 3090 | 11250 | 2850 | 3.5 | 0 | Tube 69 (AIO) | |
| 3091 | 11250 | 2900 | 3.5 | 0 | Tube 69 (AIO) | |
| 3092 | 11250 | 2950 | 3.5 | 0 | Tube 69 (AIO) | |
| 3093 | 11250 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 3094 | 11250 | 3050 | 3.5 | 0 | Tube 69 (AIO) | |
| 3095 | 11250 | 3100 | 3.5 | 0 | Tube 69 (AIO) | |

Sheet1

| run number | B (G) | HV (V) | LED (mV) | theta (deg) | Tube # | Notes |
|------------|-------|--------|----------|-------------|---------------|--|
| 2200 | 2500 | 3000 | 3.5 | -90 | Tube 69 (AIO) | Study the angular dependence at two B field points |
| 2201 | 2500 | 3000 | 3.5 | -60 | Tube 69 (AIO) | |
| 2202 | 2500 | 3000 | 3.5 | -45 | Tube 69 (AIO) | |
| 2203 | 2500 | 3000 | 3.5 | -30 | Tube 69 (AIO) | |
| 2204 | 2500 | 3000 | 3.5 | -20 | Tube 69 (AIO) | |
| 2205 | 2500 | 3000 | 3.5 | -15 | Tube 69 (AIO) | |
| 2206 | 2500 | 3000 | 3.5 | -10 | Tube 69 (AIO) | |
| 2207 | 2500 | 3000 | 3.5 | -5 | Tube 69 (AIO) | |
| 2208 | 2500 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 2209 | 2500 | 3000 | 3.5 | 5 | Tube 69 (AIO) | |
| 2210 | 2500 | 3000 | 3.5 | 10 | Tube 69 (AIO) | |
| 2211 | 2500 | 3000 | 3.5 | 15 | Tube 69 (AIO) | |
| 2212 | 2500 | 3000 | 3.5 | 20 | Tube 69 (AIO) | |
| 2213 | 2500 | 3000 | 3.5 | 30 | Tube 69 (AIO) | |
| 2214 | 2500 | 3000 | 3.5 | 45 | Tube 69 (AIO) | |
| 2215 | 2500 | 3000 | 3.5 | 60 | Tube 69 (AIO) | |
| 2216 | 2500 | 3000 | 3.5 | 90 | Tube 69 (AIO) | |
| 4000 | 5000 | 3000 | 3.5 | -90 | Tube 69 (AIO) | |
| 4001 | 5000 | 3000 | 3.5 | -60 | Tube 69 (AIO) | |
| 4002 | 5000 | 3000 | 3.5 | -45 | Tube 69 (AIO) | |
| 4003 | 5000 | 3000 | 3.5 | -30 | Tube 69 (AIO) | |
| 4004 | 5000 | 3000 | 3.5 | -20 | Tube 69 (AIO) | |
| 4005 | 5000 | 3000 | 3.5 | -15 | Tube 69 (AIO) | |
| 4006 | 5000 | 3000 | 3.5 | -10 | Tube 69 (AIO) | |
| 4007 | 5000 | 3000 | 3.5 | -5 | Tube 69 (AIO) | |
| 4008 | 5000 | 3000 | 3.5 | 0 | Tube 69 (AIO) | |
| 4009 | 5000 | 3000 | 3.5 | 5 | Tube 69 (AIO) | |
| 4010 | 5000 | 3000 | 3.5 | 10 | Tube 69 (AIO) | |
| 4011 | 5000 | 3000 | 3.5 | 15 | Tube 69 (AIO) | |
| 4012 | 5000 | 3000 | 3.5 | 20 | Tube 69 (AIO) | |
| 4013 | 5000 | 3000 | 3.5 | 30 | Tube 69 (AIO) | |
| 4014 | 5000 | 3000 | 3.5 | 45 | Tube 69 (AIO) | |
| 4015 | 5000 | 3000 | 3.5 | 60 | Tube 69 (AIO) | |
| 4016 | 5000 | 3000 | 3.5 | 90 | Tube 69 (AIO) | |