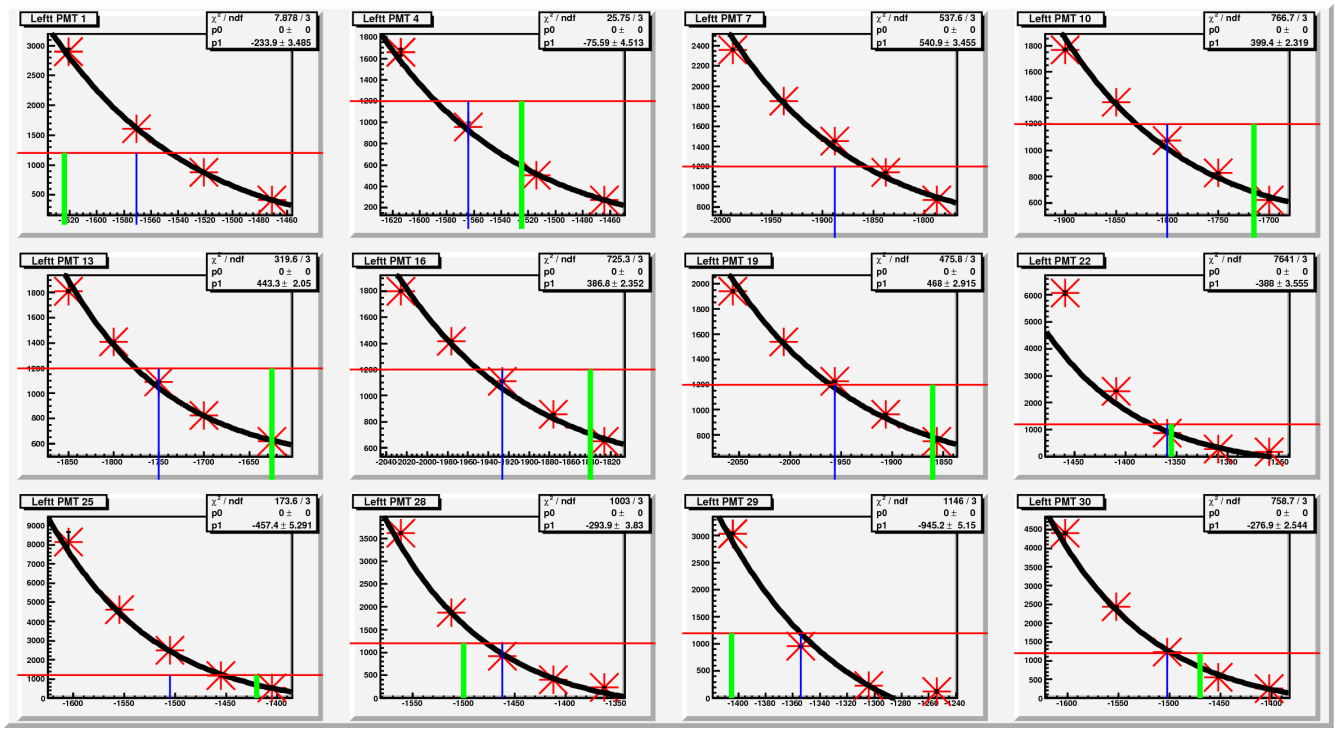
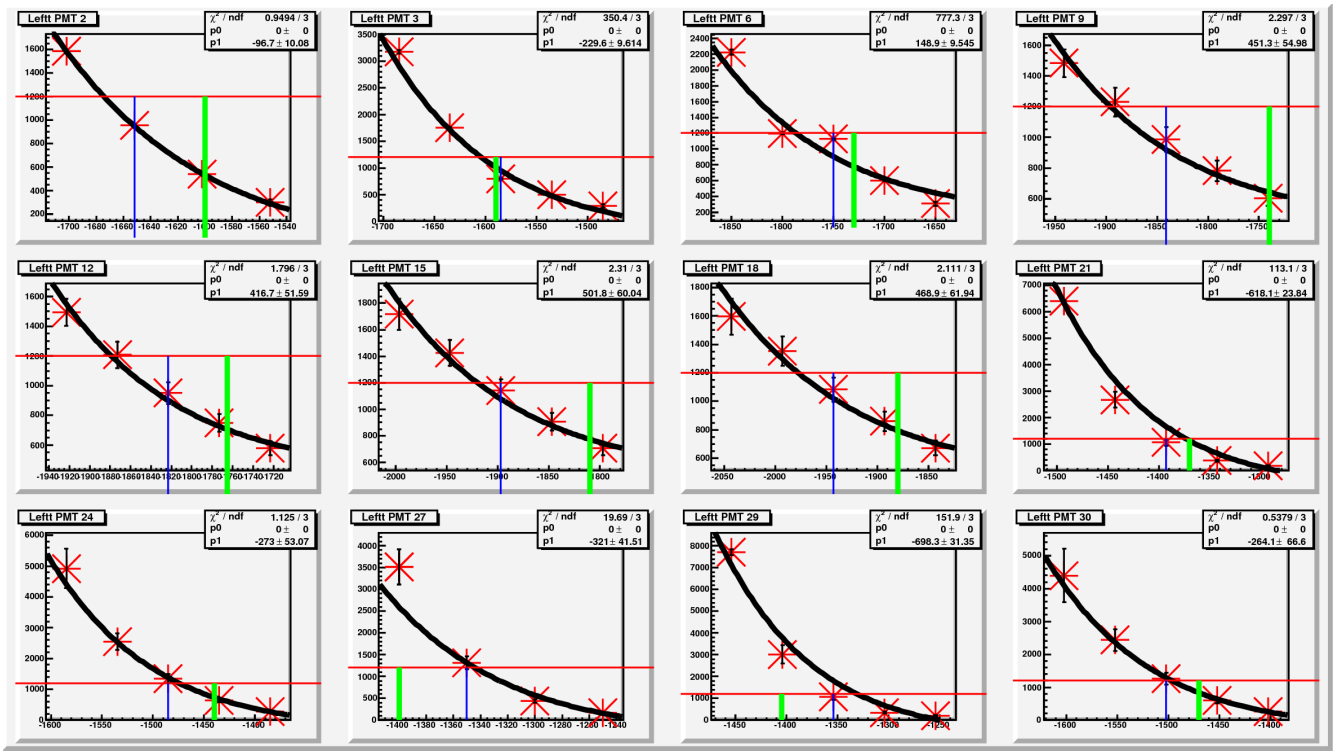
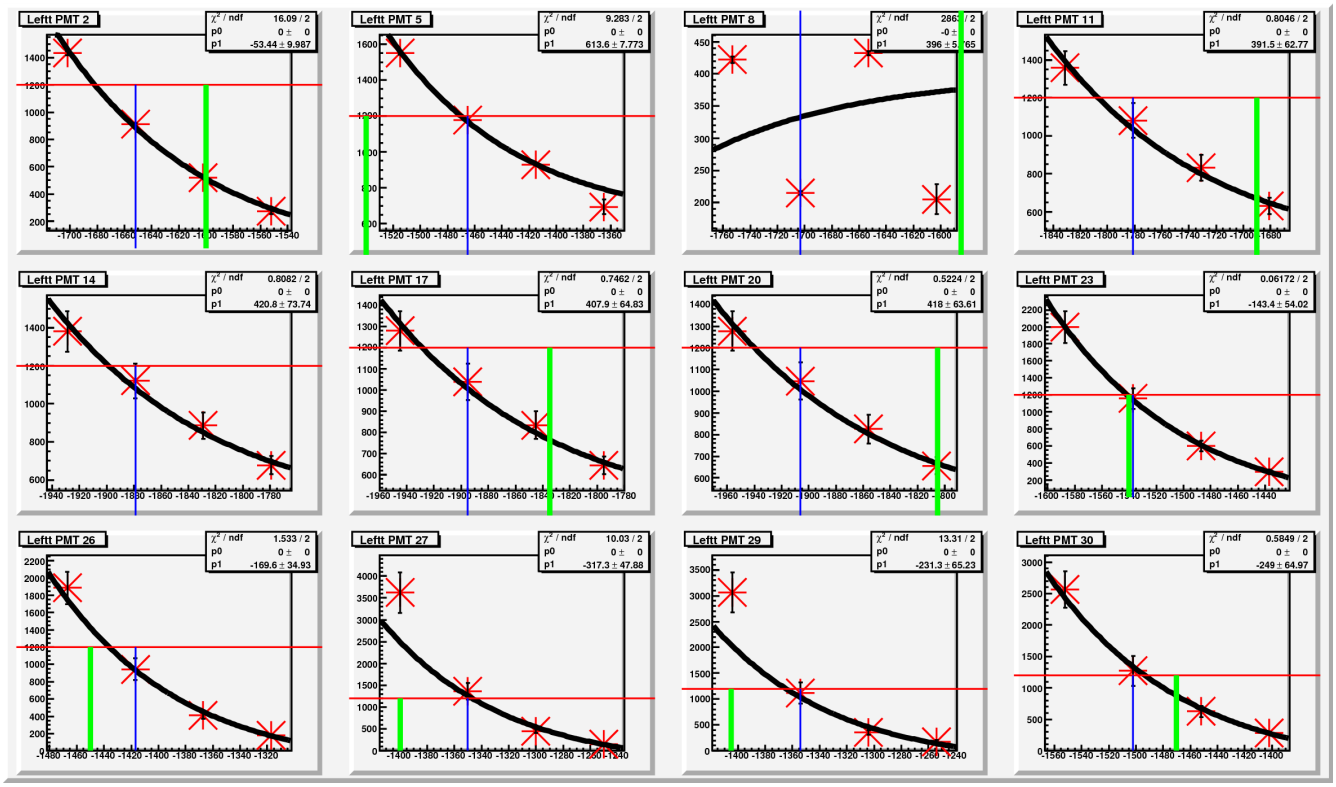
Layer 1 - Left



set 1 (PMTs 1,4,7,10,13,16,19,22,25,28,29,30)



set 2 (PMTs 2,3,6,9,12,15,18,21,24,27,29,30)

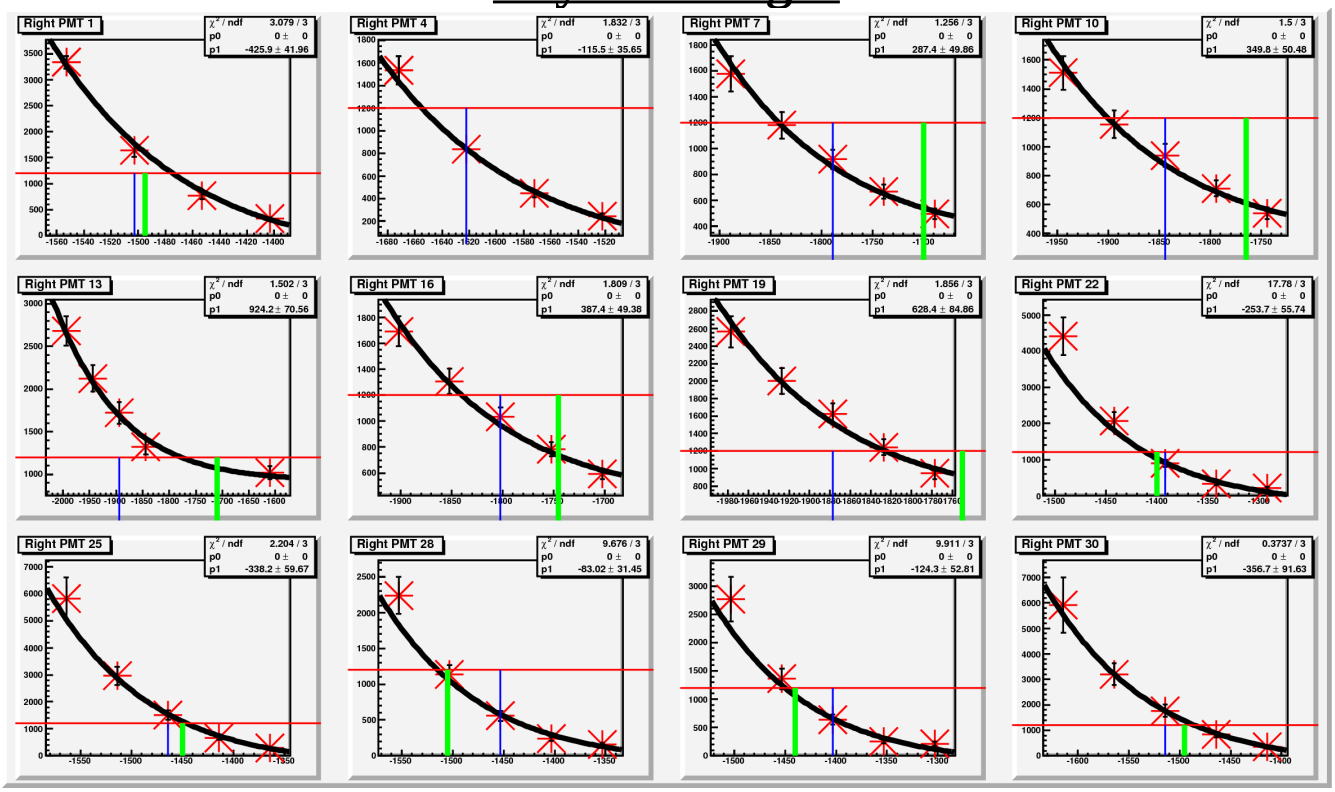


set 3 (PMTs 2,5,8,11,14,17,20,23,26,27,29,30)

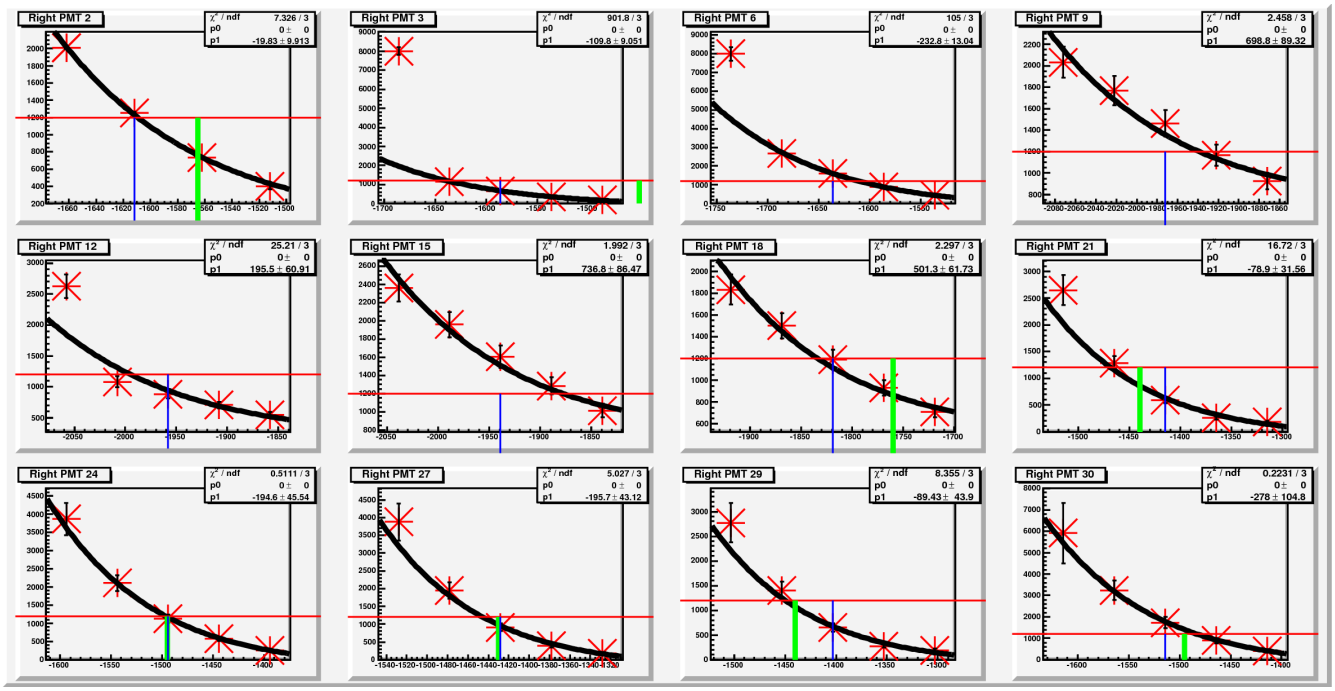
Left Layer 1	K	const	Fit
N1 – 1L	1.34761e-48	-233.896	K*V^16+const
N1 – 2L	3.39181e-49/3.05897e-49	-96.7024/-53.442	K*V^16+const
N1 – 3L	7.44007e-49	-229.607	K*V^16+const
N1 – 4L	7.78305e-49	-75.5926	K*V^16+const
N1 – 5L	1.22968e-48	613.646	K*V^16+const
N1 – 6L	9.73889e-50	148.865	K*V^16+const
N1 – 7L	3.2486e-50	540.93	K*V^16+const
N1 – 8L			K*V^16+const
N1 – 9L	2.69304e-50	451.292	K*V^16+const
N1 – 10L	5.04211e-50	399.371	K*V^16+const
N1 – 11L	6.26793e-50	391.451	K*V^16+const
N1 – 12L	3.24565e-50	416.738	K*V^16+const
N1 – 13L	7.74491e-50	443.301	K*V^16+const
N1 – 14L	2.73361e-50	420.8	K*V^16+const
N1 – 15L	2.04345e-50	501.823	K*V^16+const

N1 – 16L	1.86342e-50	386.82	K*V^16+const
N1 – 17L	2.16277e-50	407.939	K*V^16+const
N1 – 18L	1.33404e-50	468.885	K*V^16+const
N1 – 19L	1.53271e-50	467.979	K*V^16+const
N1 – 20L	1.94385e-50	418.027	K*V^16+const
N1 – 21L	1.13791e-47	-618.142	K*V^16+const
N1 – 22L	9.71714e-48	-388.006	K*V^16+const
N1 – 23L	1.32142e-48	-143.362	K*V^16+const
N1 – 24L	2.95359e-48	-273.037	K*V^16+const
N1 – 25L	4.19534e-48	-457.408	K*V^16+const
N1 – 26L	4.1815e-48	-169.582	K*V^16+const
N1 – 27L	1.34079e-47/1.29213e-47	-320.975/-317.257	K*V^16+const
N1 – 28L	2.89274e-48/	-293.862/-320.975	K*V^16+const
N1 – 29L	1.67759e-47/1.95944e-47/9.87939e-48	-945.233/-698.28/-231.268	K*V^16+const
N1 – 30L	2.31425e-48/2.31013e-48/2.36187e-48	-276.863/-264.052/-248.967	K*V^16+const

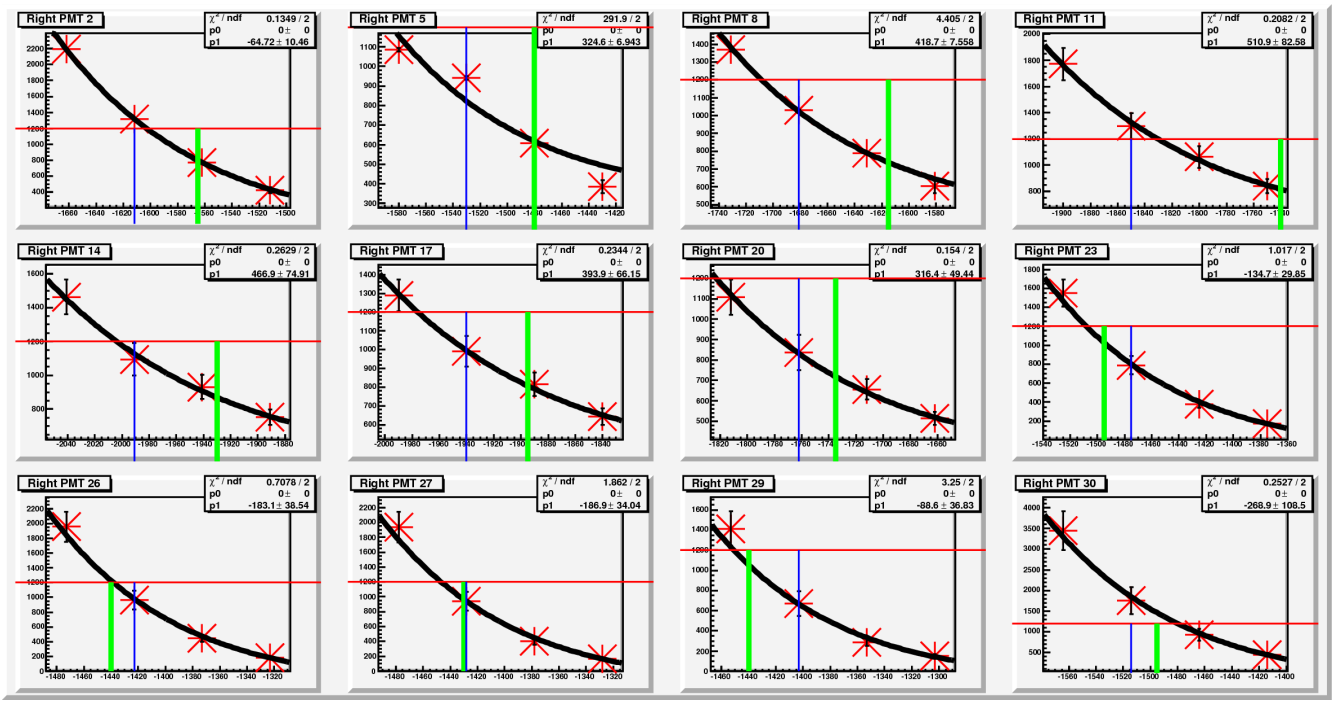
Layer 1 - Right



set 1 (PMTs 1,4,7,10,13,16,19,22,25,28,29,30)



set 2 (PMTs 2,3,6,9,12,15,18,21,24,27,29,30)

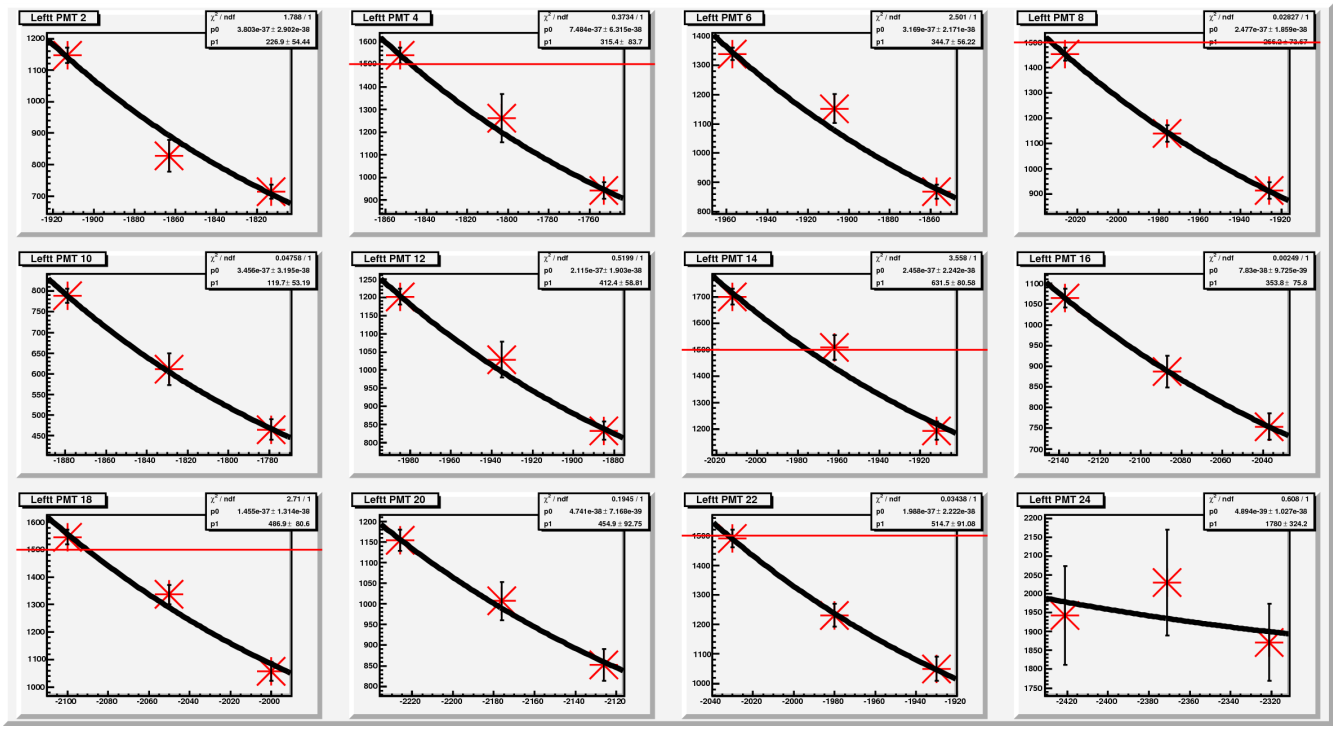


set 3 (PMTs 2,5,8,11,14,17,20,23,26,27,29,30)

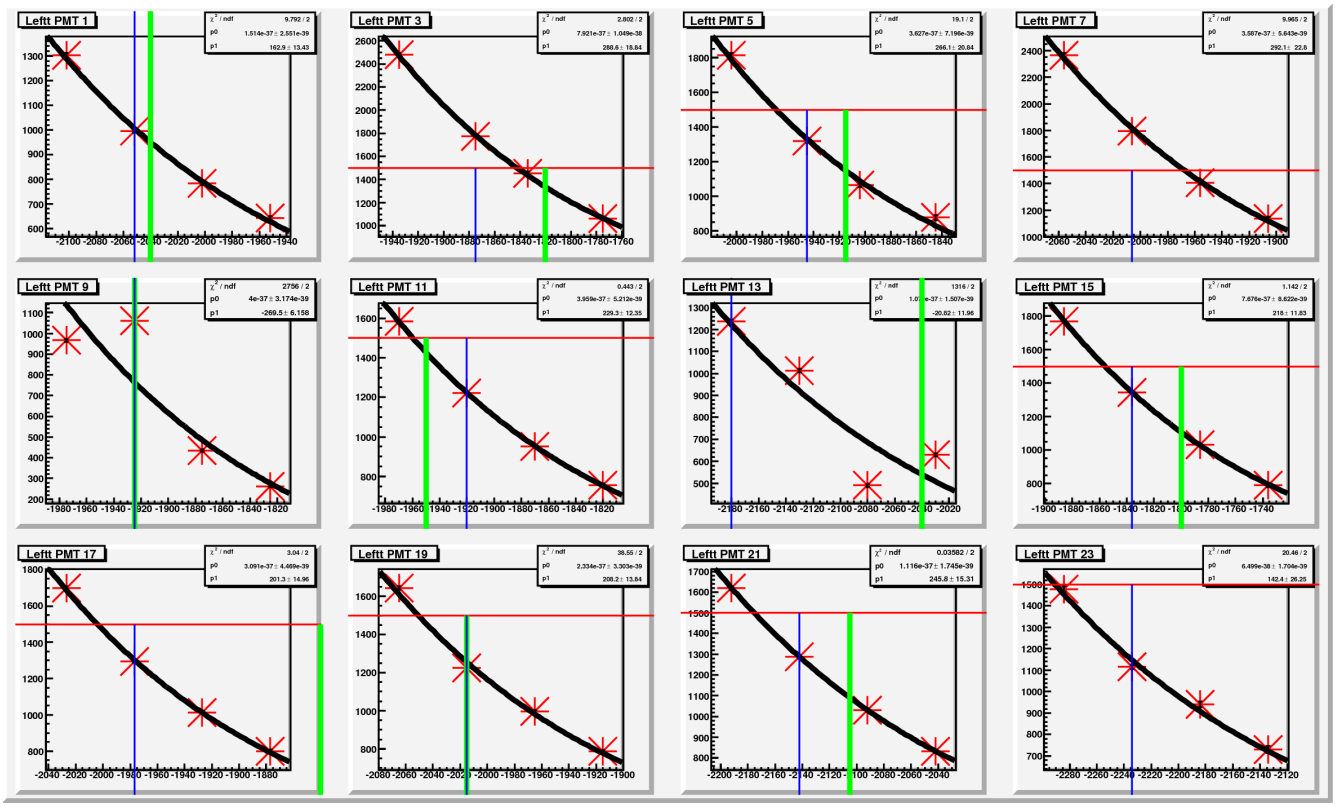
Right Layer 1	K	const	Fit
N1 – 1R	3.2449e-48	-425.889	K*V^16+const
N1 – 2R	6.02339e-49/6.66005e-	-19.8276/-64.7239	K*V^16+const

	49		
N1 – 3R	4.85793e-49	-109.754	K*V^16+const
N1 – 4R	4.15612e-49	-115.537	K*V^16+const
N1 – 5R	5.52191e-49	324.644	K*V^16+const
N1 – 6R	6.94603e-49	-232.828	K*V^16+const
N1 – 7R	5.18888e-50	287.405	K*V^16+const
N1 – 8R	1.48177e-49	418.675	K*V^16+const
N1 – 9R	1.25743e-50	698.811	K*V^16+const
N1 – 10R	2.93133e-50	349.818	K*V^16+const
N1 – 11R	4.3319e-50	510.92	K*V^16+const
N1 – 12R	1.59545e-50	195.534	K*V^16+const
N1 – 13R	2.77456e-50	924.248	K*V^16+const
N1 – 14R	1.08514e-50	466.903	K*V^16+const
N1 – 15R	1.93126e-50	736.847	K*V^16+const
N1 – 16R	4.70287e-50	387.438	K*V^16+const
N1 – 17R	1.4938e-50	393.863	K*V^16+const
N1 – 18R	4.27537e-50	501.308	K*V^16+const
N1 – 19R	3.75127e-50	628.353	K*V^16+const
N1 – 20R	5.95251e-50	316.38	K*V^16+const
N1 – 21R	2.73334e-48	-78.902	K*V^16+const
N1 – 22R	5.87613e-48	-253.738	K*V^16+const
N1 – 23R	1.86328e-48	-134.66	K*V^16+const
N1 – 24R	2.20407e-48	-194.643	K*V^16+const
N1 – 25R	4.21049e-48	-338.245	K*V^16+const
N1 – 26R	4.12156e-48	-183.097	K*V^16+const
N1 – 27R	3.84031e-48/3.76324e-48	-195.681/-186.882	K*V^16+const
N1 – 28R	1.67199e-48	-83.0203	K*V^16+const
N1 – 29R	3.4617e-48/3.38765e-48/3.33865e-48	-124.343/-89.4281/-88.5991	K*V^16+const
N1 – 30R	2.76993e-48/2.69984e-48/2.77552e-48	-356.685/-278.048/-268.926	K*V^16+const

Layer 2 – Left



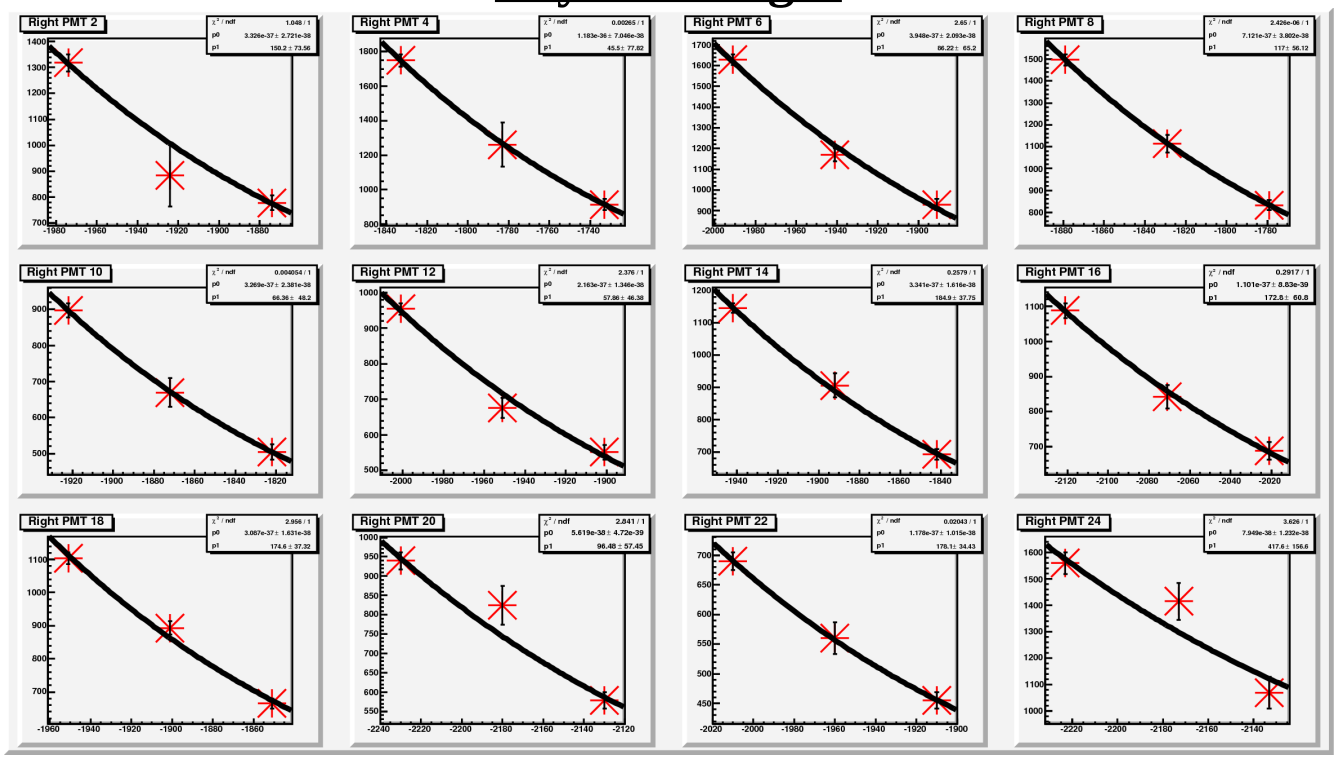
set 1 (PMTs 2,4,6,8,10,12,14,16,18,20,22,24)



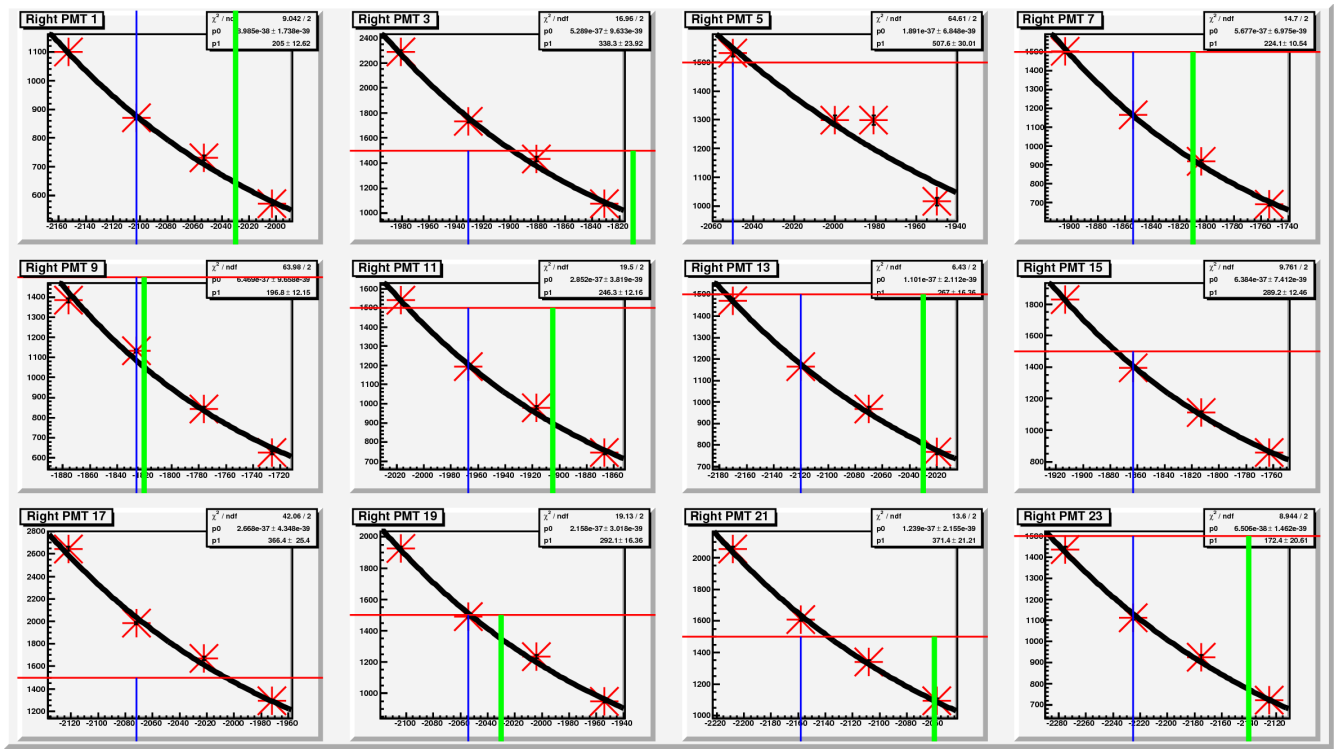
set 2 (PMTs 1,3,5,7,9,11,13,15,17,19,21,23)

Left Layer 2	K	const	Fit
N2 – 1L	1.51437e-37	162.889	K*V^12+const
N2 – 2L	3.80302e-37	226.878	K*V^12+const
N2 – 3L	7.9206e-37	288.6	K*V^12+const
N2 – 4L	7.48407e-37	315.432	K*V^12+const
N2 – 5L	3.62699e-37	266.064	K*V^12+const
N2 – 6L	3.16933e-37	344.672	K*V^12+const
N2 – 7L	3.58702e-37	292.075	K*V^12+const
N2 – 8L	2.47707e-37	266.215	K*V^12+const
N2 – 9L	3.99965e-37	-269.469	K*V^12+const
N2 – 10L	3.45643e-37	119.651	K*V^12+const
N2 – 11L	3.95918e-37	229.323	K*V^12+const
N2 – 12L	2.11538e-37	412.447	K*V^12+const
N2 – 13L	1.07855e-37	-20.821	K*V^12+const
N2 – 14L	2.45821e-37	631.496	K*V^12+const
N2 – 15L	7.67603e-37	218.04	K*V^12+const
N2 – 16L	7.82959e-38	353.839	K*V^12+const
N2 – 17L	3.09111e-37	201.269	K*V^12+const
N2 – 18L	1.45543e-37	486.899	K*V^12+const
N2 – 19L	2.33397e-37	208.238	K*V^12+const
N2 – 20L	4.74109e-38	454.904	K*V^12+const
N2 – 21L	1.1162e-37	245.806	K*V^12+const
N2 – 22L	1.98823e-37	514.681	K*V^12+const
N2 – 23L	6.49896e-38	142.414	K*V^12+const
N2 – 24L	4.89364e-39	1779.88	K*V^12+const

Layer 2 - Right



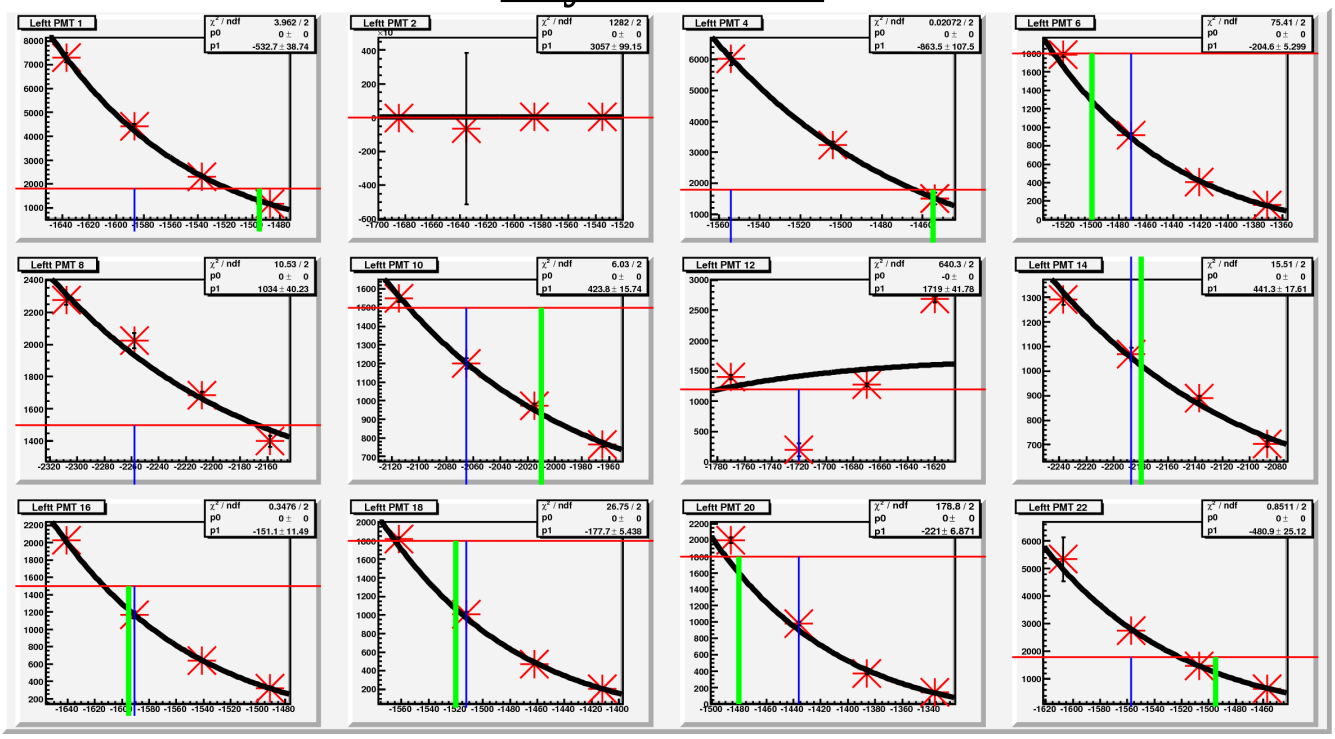
set 1 (PMTs 2,4,6,8,10,12,14,16,18,20,22,24)



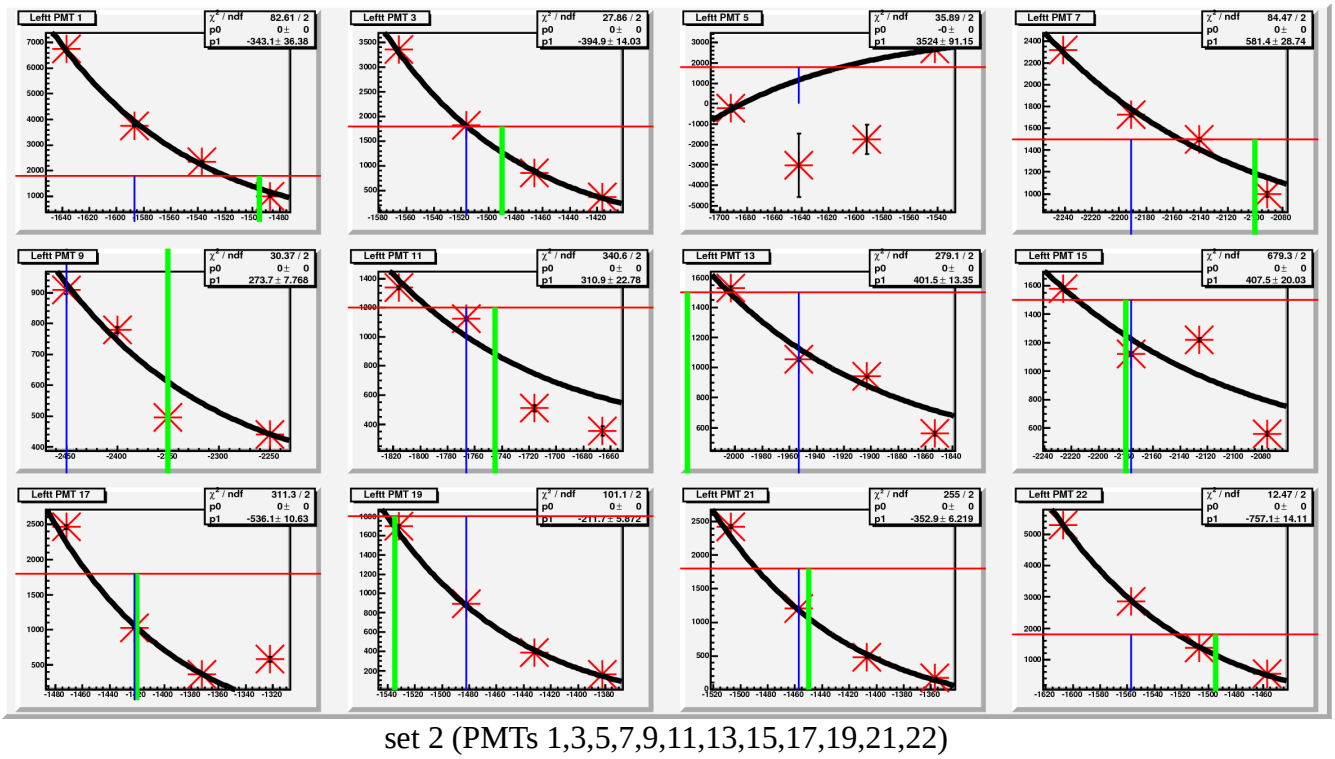
set 2 (PMTs 1,3,5,7,9,11,13,15,17,19,21,23)

Right Layer 2	K	const	Fit
N2 – 1R	8.98466e-38	205.032	K*V^12+const
N2 – 2R	3.32601e-37	150.169	K*V^12+const
N2 – 3R	5.28901e-37	338.257	K*V^12+const
N2 – 4R	1.18315e-36	45.499	K*V^12+const
N2 – 5R	1.89093e-37	507.555	K*V^12+const
N2 – 6R	3.94771e-37	86.2241	K*V^12+const
N2 – 7R	5.67667e-37	224.073	K*V^12+const
N2 – 8R	7.12143e-37	117.016	K*V^12+const
N2 – 9R	6.46931e-37	196.783	K*V^12+const
N2 – 10R	3.26902e-37	66.3644	K*V^12+const
N2 – 11R	2.85163e-37	246.262	K*V^12+const
N2 – 12R	2.16251e-37	57.8626	K*V^12+const
N2 – 13R	1.10112e-37	267.022	K*V^12+const
N2 – 14R	3.34064e-37	184.866	K*V^12+const
N2 – 15R	6.38414e-37	289.16	K*V^12+const
N2 – 16R	1.10102e-37	172.848	K*V^12+const
N2 – 17R	2.66752e-37	366.402	K*V^12+const
N2 – 18R	3.08721e-37	174.64	K*V^12+const
N2 – 19R	2.15807e-37	292.149	K*V^12+const
N2 – 20R	5.61884e-38	96.4773	K*V^12+const
N2 – 21R	1.23855e-37	371.429	K*V^12+const
N2 – 22R	1.17767e-37	178.119	K*V^12+const
N2 – 23R	6.50554e-38	172.36	K*V^12+const
N2 – 24R	7.94911e-38	417.578	K*V^12+const

Layer 3 – Left



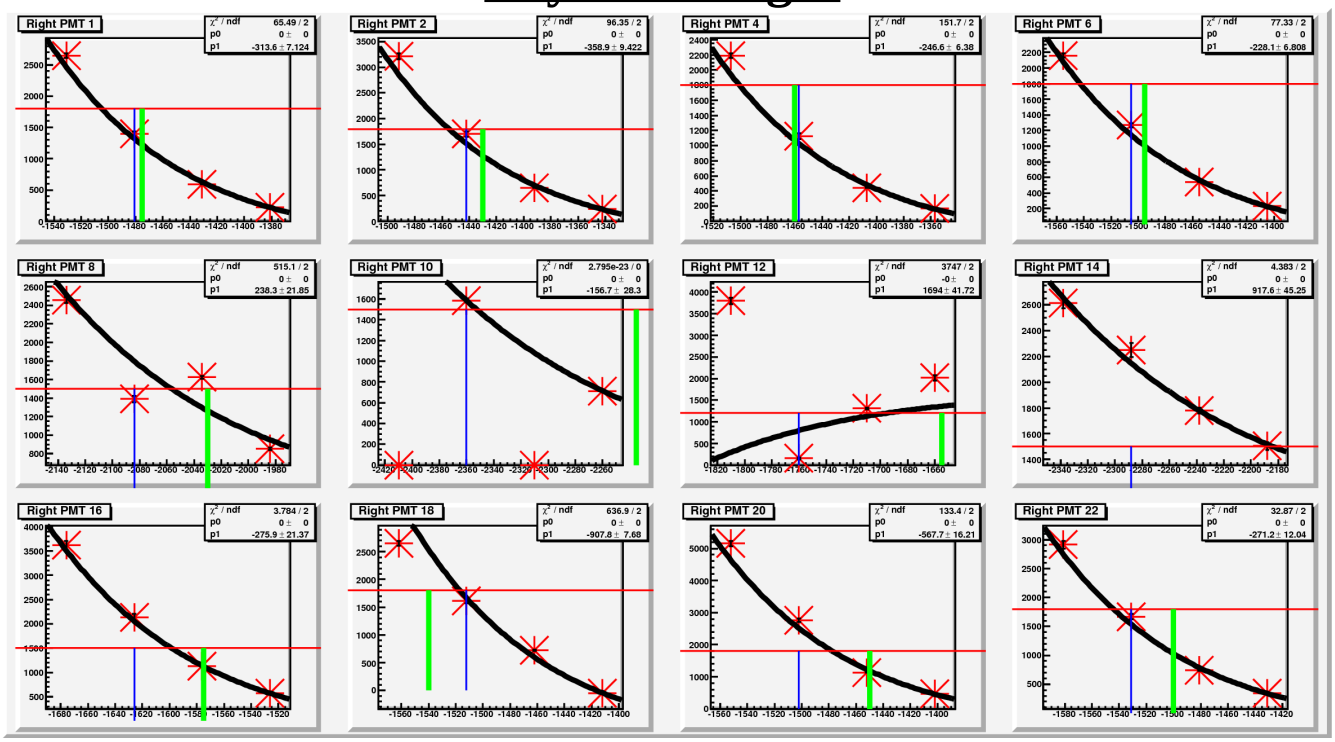
set 1 (PMTs 1,2,4,6,8,10,12,14,16,18,20,22)



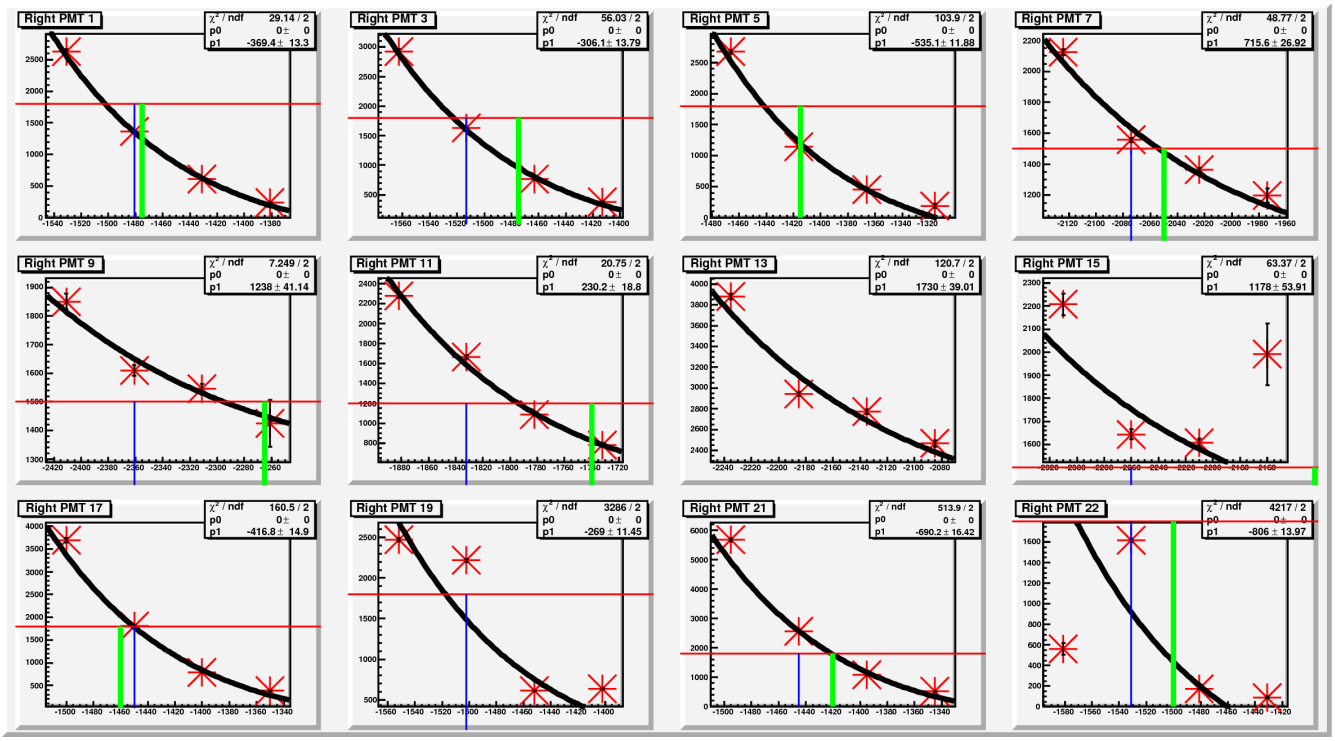
set 2 (PMTs 1,3,5,7,9,11,13,15,17,19,21,22)

Left Layer 3	K	const	Fit
N3 - 1L	2.94284e-48/2.64471e-48	-532.733/-343.092	K*V^16+const
N3 - 2L	5.56704e-49	3057.14	K*V^16+const
N3 - 3L	2.82388e-48	-394.924	K*V^16+const
N3 - 4L	5.96097e-48	-863.529	K*V^16+const
N3 - 5L	-8.44141e-49	3523.98	K*V^16+const
N3 - 6L	2.26814e-48	-204.621	K*V^16+const
N3 - 7L	4.24007e-51	581.444	K*V^16+const
N3 - 8L	1.96958e-51	1034.1	K*V^16+const
N3 - 9L	3.88935e-52	273.746	K*V^16+const
N3 - 10L	7.10979e-51	423.816	K*V^16+const
N3 - 11L	7.71379e-50	310.911	K*V^16+const
N3 - 12L	-5.19003e-50	1718.73	K*V^16+const
N3 - 13L	1.61921e-50	401.48	K*V^16+const
N3 - 14L	2.23401e-51	441.259	K*V^16+const
N3 - 15L	3.23116e-51	407.451	K*V^16+const
N3 - 16L	7.83655e-49	-151.069	K*V^16+const
N3 - 17L	5.73689e-48	-536.114	K*V^16+const
N3 - 18L	1.53123e-48	-177.731	K*V^16+const
N3 - 19L	1.99964e-48	-211.736	K*V^16+const
N3 - 20L	3.42676e-48	-221.013	K*V^16+const
N3 - 21L	3.70902e-48	-352.946	K*V^16+const
N3 - 22L	2.75395e-48/3.05187e-48	-480.926/-757.098	K*V^16+const

Layer 3 – Right



set 1 (PMTs 1,2,4,6,8,10,12,14,16,18,20,22)



set 2 (PMTs 1,3,5,7,9,11,13,15,17,19,21,22)

Right Layer 3	K	const	Fit
N3 – 1R	3.05143e-48/3.21952e-48	-313.562/-369.366	K*V^16+const
N3 – 2R	5.34208e-48	-358.876	K*V^16+const
N3 – 3R	2.51924e-48	-306.092	K*V^16+const
N3 – 4R	3.0889e-48	-246.614	K*V^16+const
N3 – 5R	6.7076e-48	-535.15	K*V^16+const
N3 – 6R	1.97173e-48	-228.091	K*V^16+const
N3 – 7R	7.82047e-51	715.588	K*V^16+const
N3 – 8R	1.23207e-50	238.285	K*V^16+const
N3 – 9R	4.42801e-52	1237.76	K*V^16+const
N3 – 10R	1.87988e-51	-156.693	K*V^16+const
N3 – 11R	8.40631e-50	230.187	K*V^16+const
N3 – 12R	-1.05493e-49	1694.21	K*V^16+const
N3 – 13R	5.13166e-51	1730.07	K*V^16+const
N3 – 14R	2.17645e-51	917.555	K*V^16+const
N3 – 15R	1.24036e-51	1177.76	K*V^16+const
N3 – 16R	9.77493e-49	-275.933	K*V^16+const
N3 – 17R	5.76745e-48	-416.807	K*V^16+const
N3 – 18R	3.4461e-48	-907.785	K*V^16+const
N3 – 19R	2.61243e-48	-268.976	K*V^16+const
N3 – 20R	4.58523e-48	-567.669	K*V^16+const
N3 – 21R	9.00654e-48	-690.236	K*V^16+const
N3 – 22R	1.97988e-48/1.88923e-48	-271.237/-806.017	K*V^16+const