

x	cm		distance	time (s)	counts	counts/s
	y	z				
-60.75	20.25	0	64.03612	10	26283	2628.3
-40.5	20.25	0	45.28038	10	60561	6056.1
-20.25	20.25	0	28.63782	10	101793	10179.3
0	20.25	0	20.25	10	486388	48638.8
20.25	20.25	0	28.63782	10	102495	10249.5
40.5	20.25	0	45.28038	10	61482	6148.2
60.75	20.25	0	64.03612	10	25932	2593.2
-60.75	40.5	0	73.01241	10	25580	2558
-40.5	40.5	0	57.27565	10	44362	4436.2
-20.25	40.5	0	45.28038	10	69341	6934.1
0	40.5	0	40.5	10	81639	8163.9
20.25	40.5	0	45.28038	10	70202	7020.2
40.5	40.5	0	57.27565	10	45057	4505.7
60.75	40.5	0	73.01241	10	20924	2092.4
-60.75	60.75	0	85.91347	10	13051	1305.1
-40.5	60.75	0	73.01241	10	26321	2632.1
-20.25	60.75	0	64.03612	10	39006	3900.6
0	60.75	0	60.75	10	43589	4358.9
20.25	60.75	0	64.03612	10	42519	4251.9
40.5	60.75	0	73.01241	10	25869	2586.9
60.75	60.75	0	85.91347	10	12750	1275
-60.75	81	0	101.25	10	8082	808.2
-40.5	81	0	90.56075	10	16277	1627.7
-20.25	81	0	83.49289	10	19706	1970.6
0	81	0	81	10	22169	2216.9
20.25	81	0	83.49289	10	19799	1979.9
40.5	81	0	90.56075	10	14411	1441.1
60.75	81	0	101.25	10	16673	1667.3
-60.75	101.25	0	118.0768	10	5320	532
-40.5	101.25	0	109.0496	10	8664	866.4
-20.25	101.25	0	103.2551	10	10695	1069.5
0	101.25	0	101.25	10	11684	1168.4
20.25	101.25	0	103.2551	10	10835	1083.5
40.5	101.25	0	109.0496	10	7277	727.7
60.75	101.25	0	118.0768	10	6218	621.8
-60.75	141.75	0	154.2194	10	2454	245.4
-40.5	141.75	0	147.4222	10	2581	258.1
-20.25	141.75	0	143.1891	10	2460	246
0	141.75	0	141.75	10	2714	271.4
20.25	141.75	0	143.1891	10	2398	239.8
40.5	141.75	0	147.4222	10	2003	200.3
60.75	141.75	0	154.2194	10	1228	122.8
-60.75	182.25	0	192.1084	20	724	36.2
-40.5	182.25	0	186.6958	20	1061	53.05
-20.25	182.25	0	183.3715	20	1596	79.8
0	182.25	0	182.25	20	1296	64.8
20.25	182.25	0	183.3715	20	1232	61.6
40.5	182.25	0	186.6958	20	1425	71.25
60.75	182.25	0	192.1084	20	953	47.65

	Lower level	Upper
window	0.4	2.8

some data points repeated, detector cable stepped on, led to increases in counts. Repeated measurements fell inline with the trends.

20392                      10      2039.2

7125                      10      712.5

1107                      10      110.7  
1869                      10      186.9

x	y	cm		distance	time (s)	counts	counts/s
		z					
-60.75	20.25	71	95.61185	10	8007	800.7	
-40.5	20.25	71	84.20993	10	16746	1674.6	
-20.25	20.25	71	76.55798	10	26821	2682.1	
0	20.25	71	73.83131	10	30213	3021.3	
20.25	20.25	71	76.55798	10	26892	2689.2	
40.5	20.25	71	84.20993	10	17228	1722.8	
60.75	20.25	71	95.61185	10	7908	790.8	
-60.75	40.5	71	101.8421	10	6409	640.9	
-40.5	40.5	71	91.22226	10	13848	1384.8	
-20.25	40.5	71	84.20993	10	28444	2844.4	
0	40.5	71	81.73891	10	23367	2336.7	
20.25	40.5	71	84.20993	10	20591	2059.1	
40.5	40.5	71	91.22226	10	13318	1331.8	
60.75	40.5	71	101.8421	10	6148	614.8	
-60.75	60.75	71	111.4546	10	4334	433.4	
-40.5	60.75	71	101.8421	10	8605	860.5	
-20.25	60.75	71	95.61185	10	12411	1241.1	
0	60.75	71	93.44283	10	13774	1377.4	
20.25	60.75	71	95.61185	10	12221	1222.1	
40.5	60.75	71	101.8421	10	8823	882.3	
60.75	60.75	71	111.4546	10	4334	433.4	
-60.75	81	71	123.6631	10	2688	268.8	
-40.5	81	71	115.075	10	5007	500.7	
-20.25	81	71	109.5996	10	6962	696.2	
0	81	71	107.7126	10	7465	746.5	
20.25	81	71	109.5996	10	7192	719.2	
40.5	81	71	115.075	10	5245	524.5	
60.75	81	71	123.6631	10	2656	265.6	
-60.75	101.25	71	137.7793	10	1524	152.4	
-40.5	101.25	71	130.1261	10	3355	335.5	
-20.25	101.25	71	125.3101	10	3712	371.2	
0	101.25	71	123.6631	10	4359	435.9	
20.25	101.25	71	125.3101	10	4072	407.2	
40.5	101.25	71	130.1261	10	3343	334.3	
60.75	101.25	71	137.7793	10	2330	233	
-60.75	141.75	71	169.7782	10	1256	125.6	
-40.5	141.75	71	163.6286	10	1378	137.8	
-20.25	141.75	71	159.8253	10	1497	149.7	
0	141.75	71	158.5373	10	1566	156.6	
20.25	141.75	71	159.8253	10	1637	163.7	
40.5	141.75	71	163.6286	10	1398	139.8	
60.75	141.75	71	169.7782	10	951	95.1	
-60.75	182.25	71	204.8088	20	508	25.4	
-40.5	182.25	71	199.7406	20	568	28.4	
-20.25	182.25	71	196.637	20	649	32.45	
0	182.25	71	195.5916	20	674	33.7	
20.25	182.25	71	196.637	20	654	32.7	
40.5	182.25	71	199.7406	20	583	29.15	
60.75	182.25	71	204.8088	20	500	25	

19821      10      1982.1