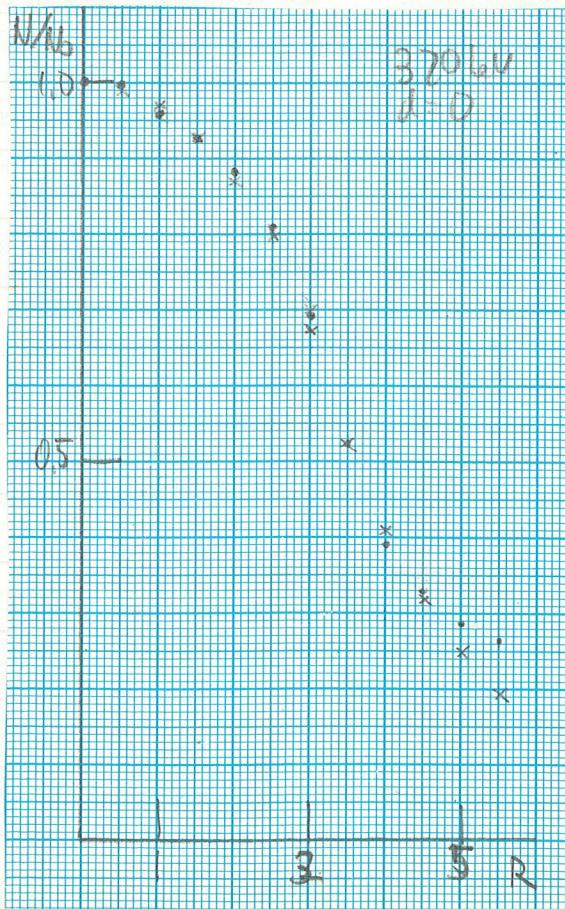


28.8.88

E=320 keV T=700 K $\alpha_1 = 101$ $\alpha_2 = 131$ $d=0$

N	$\frac{N}{N_0}$	W	N/N_0	$1 - \frac{W}{N_0} (N_0)$	$1 - 0.03700 r^{1.8500}$
0	28243	0	28000	1	0
0.5	27884	0.5	27941	0.9879	0.0021
1	26261	1	26837	0.9585	0.0415
1.5	25671	1.5	26005	0.9788	0.0115
2	24620	2	24661	0.8807	0.1193
2.5	22318	2.5	22615	0.8077	0.1923
3	18817	3	19333	0.6904	0.3096
3.5	17028	3.5	14531	0.5710	
4	10851	4	10918	0.3899	
4.5	9069	4.5	9301	0.322	
5	8181	5	8037	0.2170	
5.5	7765	5.5	7397	0.1692	
0	27757				
-0.5	27998				
-1	27413				
-1.5	26339				
-2	24701				
-2.5	22911				
-3	19848				
-3.5	15039				
-4	10985				
-4.5	9532				
-5	7892				
-5.5	7528				



$$1 - 0.03700 r^{1.8500}$$

21268

W=0

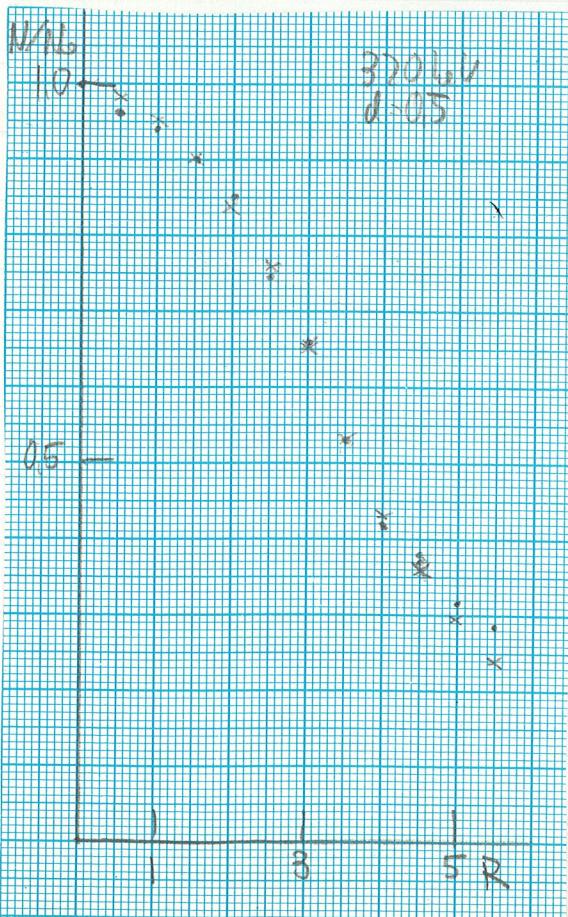
28.3.88

E=320 keV d=0.5 d₁₂=101 ch₁₂ 131 D=240 S T=240 s

$$N \quad U \quad N/N_0 \quad 1 - \frac{N}{N_0} \quad (\frac{U}{N_0})_{r=1} = 0.04506 r^{1.811}$$

0	21683	0	21522	1	
0.5	20587	0.5	70614	0.9996	0.0404
1	70333	1	70765	0.9416	0.0584
1.5	19198	1.5	19404	0.9016	0.0984
2	17917	2	18314	0.8509	0.1491
2.5	15661	2.5	16128	0.7494	0.2506
3	13818	3	14255	0.6623	0.3374
3.5	10672	3.5	11432	0.5112	0.6606
4	8620	4	8952	0.4169	w=2
4.5	7637	4.5	7995	0.3715	
5	6657	5	6810	0.3164	
5.5	6026	5.5	6071	0.2821	

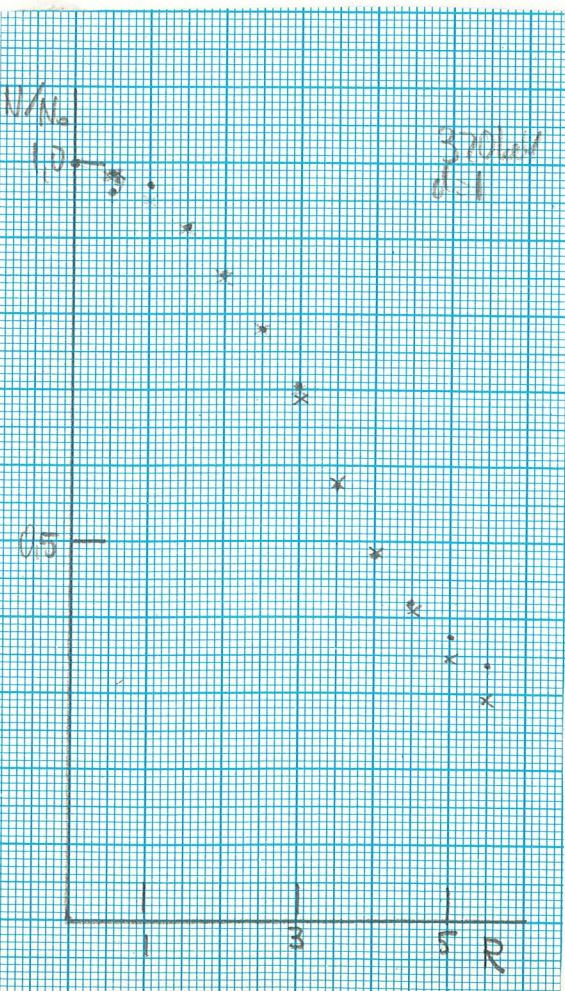
0	21361
-0.5	20740
-1	20497
-1.5	19609
-2	18211
-2.5	16595
-3	14791
-3.5	12191
-4	9323
-4.5	8353
-5	6963
-5.5	6116



$$\begin{aligned} & 0 \quad 0.649910 \quad r=r_0 \quad \Delta \quad k=\frac{\Delta}{r-r_0} \quad 0.0111 \quad 8 \quad (-0.2) \\ & 0.5 \quad 0.5333 \\ & 1 \quad 0.4377 \\ & 1.5 \quad 0.3592 \quad 0 \quad 0.0123 \quad \infty \quad 0.14 \quad 7.5 \quad 0.5585 \\ & 2 \quad 0.2947 \quad 0.5 \quad 0.0217 \quad 0.0439 \quad 0.076 \quad 7 \quad 0.1653 \\ & 2.5 \quad 0.2419 \quad 1.0 \quad 0.0402 \quad 0.0402 \quad 0.0402 \quad 3.2 \quad 0.2222 \\ & (-5) \quad (\frac{U}{N_0})_{r=1} = 0.6499 \quad e^{-0.395(r-r_0)} \quad E=0.0418 \end{aligned}$$

$E = 370 \text{ keV}$ del am

	N	N	N/N_0	H_B^N	$(\frac{N}{N_0})_r = 1 - 0.04247R$	W _B
0	17497	0	17042	1	0	
-0.5	16001	1	17000	0.5	16304	$0.9567^{0.986}$
-1	16351	1	16539	0.9705	0.0295	0.9575
-1.5	15593	1.5	15563	0.9132	0.0868	0.9125
-2	14312	2	14742	0.8733	0.1467	0.8538
-2.5	13210	2.5	13271	0.7287	0.2203	0.7823
-3	11507	3	11957	0.7016	0.2984	0.6987
-3.5	9363	3.5	9701	0.5692		
-4	7816	4	8178	0.4799		
-4.5	7322	4.5	7131	0.4184		
-5	6251	5	6433	0.3775		
-5.5	5586	5.5	5747	0.3372		
0	16586					
-0.5	16607					
-1	16726					
-1.5	15479					
-2	14771					
-2.5	13331					
-3	11784	17407				
-3.5	10038					
-4	8540					
-4.5	6939					
-5	6615					
-5.5	5908					

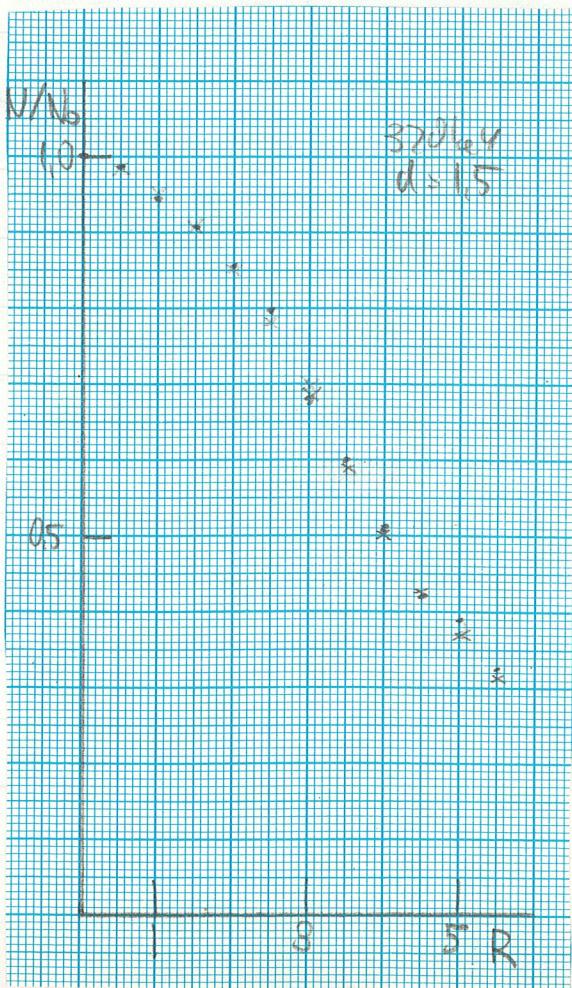


$$(r_b) \left(\frac{N}{N_0} \right)_r = 0.6889 e^{-0.3443(r_b)} \quad \Delta = 0.0545$$

79,382

 $E = 20 \text{ keV}$ $d = 15 \text{ cm}$

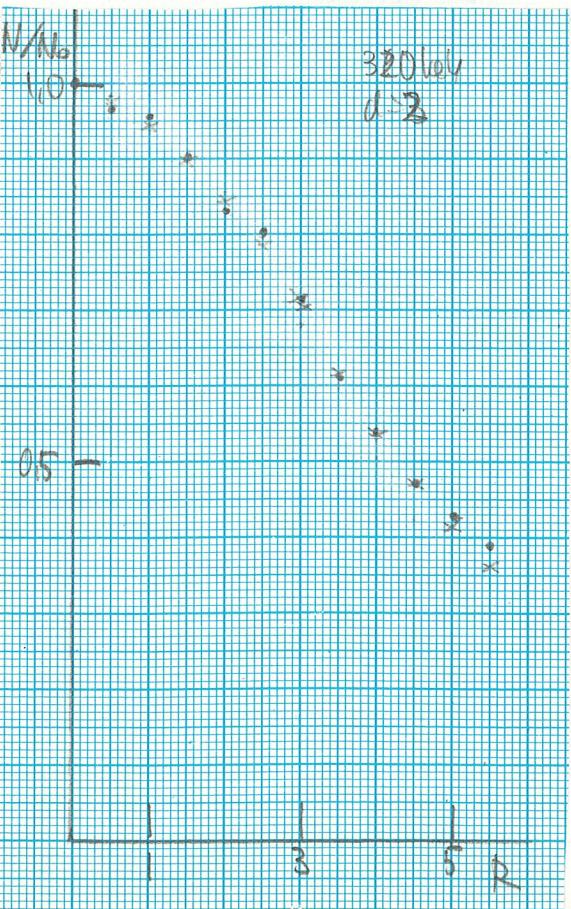
	N	N/N_0	$1 - \frac{N}{N_0}$	$\left(\frac{N}{N_0}\right)_r = 1 - 0.09309 r^{1.7694}$
0	16201	0	1	1
0.5	13847	0.5	0.9863	0.0137
1	13333	1	0.9466	0.0534
1.5	12644	1.5	0.9077	0.0923
2	11800	2	0.8539	0.1461
2.5	11257	2.5	0.7983	0.2017
3	9673	3	0.6808	0.3192
3.5	8419	3.5	0.6031	
4	7020	4	0.5061	
4.5	5937	4.5	0.4234	
5	5773	5	0.3900 \rightarrow 0.37	
5.5	4405	5.5	0.3747	
6	13647			
-0.5	13608			
-1	13112			
-1.5	12716			
-2	12056			
-2.5	11047			
-3	9548			
-3.5	8431			
-4	7120			
-4.5	5893			
-5	5123			
-5.5	4667			



$$\begin{aligned} & 0 \quad 0.6924 \quad r=r_0 \quad \Delta \quad k=\frac{\Delta}{r-r_0} \\ & 0.5 \quad 0.5800 \\ & 1 \quad 0.5027 \\ & 1.5 \quad 0.4284 \quad 0 \quad -0.0050 \quad -\infty \\ & 2 \quad 0.3651 \quad 0.5 \quad 0.0049 \quad 0.098 \\ & 2.5 \quad 0.3111 \quad 1 \quad 0.0136 \quad 0.0136 \\ & N_b \left(\frac{N}{N_0} \right)_r = 0.6924 e^{-0.3208(r-r_0)} \quad E = 0.0117 \end{aligned}$$

E32066 $d=2u$ $d_1 = 102$ $d_2 = 129$ $t = 240s$

N	N	N/N_0	$1 - \frac{N}{N_0}$	$(\frac{N}{N_0})r^2 = 1 - 0.05578r$	$\frac{1}{N_0} = 1.6585$
0	11134	0	11155	1	1
0.5	10639	0.5	10792	0.9639	0.0361
1	10384	1	10699	0.9592	0.0408
1.5	9923	1.5	10055	0.9006	0.0994
2	8969	2	9267	0.8307	0.1693
2.5	8850	2.5	8978	0.8099	0.1951
3	8668	3	7935	0.7113	0.2887
3.5	6932	3.5	6812	0.6107	
4	6028	4	6043	0.5417	
4.5	5299	4.5	5248	0.4704	
5	4939	5	4816	0.4318	
5.5	4467	5.5	4342	0.3892	
0	11175				
-0.5	10135				
-1	1014				
-1.5	10168				
-2	9564				
-2.5	9106				
-3	8201				
-3.5	7091	0.5	*	*	
-4	6057		*	*	
-4.5	5096		*	*	
-5	4693				
-5.5	4216				



$$(r-r_0) \left(\frac{N}{N_0} \right)^2 = 0.7074 e^{-0.2721(r-r_0)}$$

$$\bar{r} = 0.0368$$