

$\vartheta = 2,4^\circ$
 $\vartheta = 2,5^\circ$
 $\vartheta = 2,6^\circ$
 $\vartheta = 2,7^\circ$
 $\vartheta = 2,8^\circ$
 $\vartheta = 2,9^\circ$
 $\vartheta = 3^\circ$
 $\vartheta = 4^\circ$
 $\vartheta = 6^\circ$
 $\vartheta = 8^\circ$
 $\vartheta = 10^\circ$
 $\vartheta = 15^\circ$
 $\vartheta = 20^\circ$

Counts = 1100
 Counts = 1164
 Counts = 1185
 Counts = 1223
 Counts = 1103
 Counts = 1232
 Counts = 1107
 Counts = 1092
 Counts = 872
 Counts = 1140
 Counts = 994
 Counts = 851
 Counts = 543

$t = 110s$
 $t = 110s$
 $t = 110s$
 $t = 110s$
 $t = 110s$
 $t = 110s$
 $t = 110s$
 $t = 110s$
 $t = 120s$
 $t = 300s$
 $t = 150s + 150s + 150s = 450s$
 $t = 1200s$
 $t = 900s$

Randomisi: 300s 618 counts bei 10°

15°
 200s 440
 + 200s 260
 + 200s + 146
 + 200s + 143
 + 200s + 149
 4 + 200s + 153

\Rightarrow bei 600s ist 406
 $\Rightarrow 1200s \Rightarrow 851$

Aktivität:
 $A = 15,75/s$
 $\pm \sqrt{15,75}/s$

20° :

100 +60
 + 100s 55
 + 100s 63
 + 100s 57
 + 100s 62
 + 100s 53
 + 100s 55

+100 +62
 > 100 +72

Prot. 5: andere Goldfolie

Counts : 93

$\vartheta = 3^\circ$
 $t = 110s$

Dicke: 4 μm

2.5.5-