dist: 408 mm

scatting < 114 count/pixel/300s

Input: $3.4 \cdot 10^{-10}$ A, Keithley 4/ beam curr
/mA

$\rightarrow 9.25 \cdot 10^{-8}$ A

$= 92.5$ nA . 8keV

d.h. $3.42 \cdot 10^{9}$ ph/s

transmission ca. 30% $\rightarrow$ $1 \cdot 10^{9}$ ph/s hinter mir

0.38 ph/s pixel getrennt

pixel $= (170\,\mu m)^2 / dist^2 = 1.8 \cdot 10^{-7}$ sr

Diode: $\varnothing$ 10mm, dist = 250mm

$\Rightarrow$ 0.0013 sr

Strom auf Diode: 2700 ph/s $\rightarrow$ leck mich!

$\sim$ 1pA