| ϵ | a [keV] | $\Delta a [keV]$ | b | $\Delta \mathrm{b}$ |
|-------------------|---------|------------------|-------|---------------------|
| ϵ_{mean} | 0.04276 | 0.0001 | 2.742 | 0.001 |
| ϵ_{Fit} | 0.07636 | 0.0001 | 1.807 | 0.001 |

| Q | U [mV] | α | $\beta[1/{\rm MeV}]$ | $\gamma [{ m MeV}]$ | $\epsilon [{ m MeV}]$ |
|-----------------|--------|----------|----------------------|---------------------|-----------------------|
| $\frac{20}{90}$ | 5 | 0.2467 | 0.4875 | 0.5691 | 0.0014 |
| $\frac{20}{90}$ | 10 | 0.147 | 0.2585 | 0.3988 | 0.0049 |
| $\frac{20}{90}$ | 5 | 0.2374 | 0.4232 | 0.5947 | 0.0023 |
| $\frac{16}{90}$ | 5 | 0.3415 | 0.3678 | 0.6805 | 0.0016 |

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 $\LaTeX 2\varepsilon$

Zeiteichung: f(x) = p1*x + p2 $p1 = 0.06243 \pm 0.00079$ $p2 = 1.8 \pm 0.434$ $\chi^2 = 19.8734$

| $\mathrm{A}[^{\circ}]$ | A [rad] | $\Phi_{meas} [^{\circ}]$ | $\Phi_{meas}[rad]$ | $\delta T [keV]$ | $\Delta \delta T \text{ [keV]}$ | $\delta\Phi_{korr}[\mathrm{rad}]$ | $\Delta \delta \Phi_{korr}[\mathrm{rad}]$ | $\epsilon [{ m keV}]$ |
|------------------------|---------|--------------------------|--------------------|------------------|---------------------------------|-----------------------------------|---|-----------------------|
| -34,12 | -0,5955 | 31,8134 | 0,5552 | 0 | 2,4932 | -0,0461 | 0,0094 | -7,5143 |
| -34,12 | -0,5955 | 26,8534 | 0,4687 | 0 | 2,4932 | 0,0405 | 0,0094 | -5,803 |
| -31,56 | -0,5508 | 27,2934 | 0,4764 | 12,9502 | 2,4932 | 0,0221 | 0,0094 | -2,7227 |
| -31,56 | -0,5508 | 32,8734 | 0,5737 | 12,9502 | 2,4932 | -0,0753 | 0,0094 | -17,3389 |
| -28,75 | -0,5018 | 33,4733 | 0,5842 | 27,579 | 2,4932 | -0,0979 | 0,0094 | -26,6208 |
| -28,75 | -0,5018 | 25,9632 | 0,4531 | 27,579 | 2,4932 | 0,0331 | 0,0094 | -7,2871 |
| -25,18 | -0,4395 | 25,2032 | 0,4399 | 46,7353 | 2,4932 | 0,0305 | 0,0094 | -9,5 |
| -25,18 | -0,4395 | 33,0232 | 0,5764 | 46,7353 | 2,4932 | -0,106 | 0,0094 | -27,0306 |
| -20,01 | -0,3492 | 28,6332 | 0,4997 | 75,4666 | 2,4932 | -0,0532 | 0,0094 | -3,2556 |
| -37,03 | -0,6463 | 31,3434 | 0,547 | -14,2503 | 2,4932 | -0,0261 | 0,0094 | -3,6863 |
| -37,03 | -0,6463 | 26,9734 | 0,4708 | -14,2503 | 2,4932 | 0,0502 | 0,0094 | -6,9877 |
| -40,24 | -0,7023 | 27,7834 | 0,4849 | -29,3466 | 2,4932 | 0,0486 | 0,0094 | -4,9106 |
| -40,24 | -0,7023 | 33,2834 | 0,5809 | -29,3466 | 2,4932 | -0,0474 | 0,0094 | -12,8492 |
| -43,36 | -0,7568 | $34,\!5534$ | 0,6031 | -43,35 | 2,4932 | -0,0579 | 0,0094 | -21,0245 |
| -43,36 | -0,7568 | 27,7435 | 0,4842 | -43,35 | 2,4932 | 0,0609 | 0,0094 | -7,0029 |
| -46,4 | -0,8098 | 28,5935 | 0,4991 | -56,3191 | 2,4932 | 0,0568 | 0,0094 | -4,8099 |
| -46,4 | -0,8098 | 32,8235 | 0,5729 | -56,3191 | 2,4932 | -0,017 | 0,0094 | -6,7228 |
| -50 | -0,8727 | 29,0635 | 0,5073 | -70,7652 | 2,4932 | 0,0606 | 0,0094 | -4,8126 |
| -50 | -0,8727 | 31,8836 | 0,5565 | -70,7652 | 2,4932 | 0,0114 | 0,0094 | -2,5919 |
| -55 | -0,9599 | 33,2737 | 0,5807 | -89,0873 | 2,4932 | 0,0023 | 0,0094 | -6,5713 |
| -55 | -0,9599 | 30,11 | $0,\!5255$ | -89,0873 | 2,4932 | 0,0576 | 0,0094 | -3,6929 |