

Samarium
 α -Plateau

1900 - 2600

Arbeitspunkt 2500

~~t = 2700 s~~

t = 5400 s

Kalium

β -Plateau

3200 - 4000

3500

t = 2700 s

$(m_{KCl+Skale} = (3,0863 \pm 0,0001) g)$ ~~Skale~~

$m_{KCl+Skale} = (3,064 g \pm 0,0001) g$

$m_{Skale} = (1,3260 \pm 0,0001) g$ Kalium 2. + t.

Geräteeinstellungen

~~SCA~~ SCA

Amplifier

Window: 0,06

Gain: 1,1

Lower Level: 3,60

Coarse Gain: 100

Delay: 4,09

Shaping Time: 6 μ sec

$d_{sm1} = 2,880 \pm 0,005 cm$

$d_{sm2} = 2,880 \pm 0,005 cm$

$d_{sm3} = 2,890 \pm 0,005 cm$

$d_{sm4} = 2,850 \pm 0,005 cm$

$d_{sm5} = 2,880 \pm 0,005 cm$

$d_{sm6} = 2,880 \pm 0,005 cm$

$\bar{d}_{sm} = 2,877 \pm 0,002 cm$