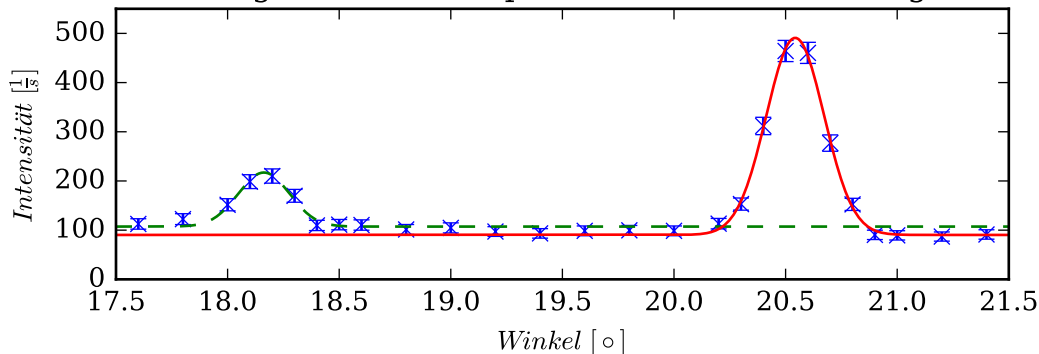


Diagramm 3: LiF Spektrum zweiter Ordnung



Legende: Geplottete Messwerte mit Fitparametern

$K_{\beta 2}$ Werte aus Gaussfit:

$$A_{\beta 2} = 31.771 \pm 4.358$$

$$\mu_{\beta 2} = 18.162 \pm 0.011$$

$$\sigma_{\beta 2} = 0.231 \pm 0.027$$

$$U_{\beta 2} = 107.254 \pm 6.046$$

$$\chi^2_{red\beta 2} = 0.45$$

$$P_{\beta 2}^{fit} = 77.00 \text{ Prozent}$$

$K_{\alpha 2}$ Werte aus Gaussfit:

$$A_{\alpha 2} = 129.951 \pm 6.790$$

$$\mu_{\alpha 2} = 20.543 \pm 0.004$$

$$\sigma_{\alpha 2} = 0.259 \pm 0.012$$

$$U_{\alpha 2} = 90.274 \pm 8.005$$

$$\chi^2_{red\alpha 2} = 0.68$$

$$P_{\alpha 2}^{fit} = 61.00 \text{ Prozent}$$