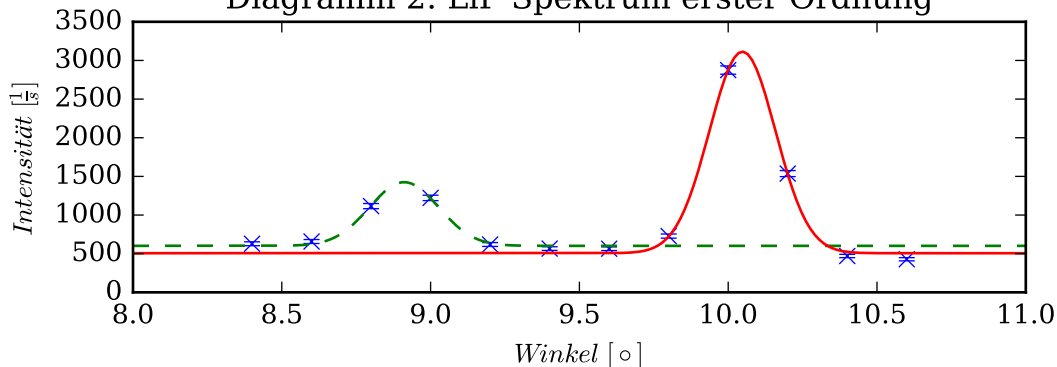


Diagramm 2: LiF Spektrum erster Ordnung



Legende: Geplottete Messwerte mit Fitparametern

$K_{\beta 1}$ Werte aus Gaussfit :

$$A_{\beta 1} = 239.570 \pm 29.163$$

$$\mu_{\beta 1} = 8.911 \pm 0.010$$

$$\sigma_{\beta 1} = 0.232 \pm 0.052$$

$$U_{\beta 1} = 601.293 \pm 28.912$$

$$\chi^2_{red\beta 1} = 1.92$$

$$P_{\beta 1}^{fit} = 12.00 \text{ Prozent}$$

$K_{\alpha 1}$ Werte aus Gaussfit :

$$A_{\alpha 1} = 726.071 \pm 63.580$$

$$\mu_{\alpha 1} = 10.048 \pm 0.010$$

$$\sigma_{\alpha 1} = 0.222 \pm 0.020$$

$$U_{\alpha 1} = 506.165 \pm 59.436$$

$$\chi^2_{red\alpha 1} = 5.98$$

$$P_{\alpha 1}^{fit} = 1.00 \text{ Prozent}$$