

Two Slit Interference

$$y = A \operatorname{sinc}^2(k_1(x-x_o)) \cos^2(k_2(x-x_o)) + C$$

$\chi^2_{\text{reduced}} = 0.03$

δx

☒

δy

☒

Parameter	Value	Uncertainty
A	2.785e+00	1.776e-01
k ₁	9.812e+00	2.414e+02
k ₂	-4.612e+00	1.675e+02
x _o	4.685e-01	1.754e-02
C	1.838e+00	1.571e-01

