

Damped Oscillator

$$y = A_o e^{-bx} \sin(\omega x + \delta) + C$$

$$\chi^2_{\text{reduced}} = \mathbf{91.73}$$

 δx  δy 

Parameter	Value	Uncertainty
A_o [start: 1.99e-01]	1.999e-01	1.137e-03
b	1.437e-03	9.728e-04
ω [start: 4.03e+00]	4.088e+00	4.860e-03
δ [start: 9.00e+01]	3.031e+00	2.790e-02
C [start: 6.50e-03]	-7.464e-03	6.213e-04

