

Damped Oscillator

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

$$\chi^2_{\text{reduced}} = \mathbf{38.26}$$

 δx  δy 

Parameter	Value	Uncertainty
A_o [start: 1.99e-01]	1.991e-01	5.953e-04
b	6.148e-04	5.114e-04
ω [start: 4.19e+00]	4.084e+00	3.103e-03
δ [start: 9.00e+01]	3.030e+00	1.786e-02
C [start: 6.50e-03]	-6.939e-03	3.517e-04

