

Damped Oscillator

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

$$\chi^2_{\text{reduced}} = \mathbf{99.06}$$

 δx  δy 

Parameter	Value	Uncertainty
A_o [start: 1.99e-01]	1.990e-01	8.574e-04
b	5.955e-04	7.804e-04
ω [start: 4.19e+00]	4.092e+00	5.026e-03
δ [start: -3.25e+00]	3.015e+00	2.889e-02
C [start: 6.50e-03]	-6.911e-03	5.075e-04

