

Damped Oscillator

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

$\chi^2_{\text{reduced}} = 0.17$

δx



δy



Parameter

Value

Uncertainty

A_o [start: 2.10e-01]

-2.023e-01

4.420e-04

b [start: 1.00e+00]

3.751e-03

3.818e-04

ω [start: 3.92e+00]

-4.092e+00

4.451e-04

δ [start: 4.00e+00]

-1.443e+00

2.560e-03

C [start: 0]

9.751e-03

1.675e-04

