

Damped Oscillator

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

$\chi^2_{\text{reduced}} = 0.18$

$\delta x$

☐

$\delta y$

☒

| Parameter | Value      | Uncertainty |
|-----------|------------|-------------|
| $A_o$     | 1.400e-02  | 1.013e-04   |
| $b$       | 1.504e-01  | 1.713e-03   |
| $\omega$  | 2.763e+00  | 1.822e-03   |
| $\delta$  | 1.210e+00  | 8.128e-03   |
| $C$       | -1.317e-02 | 2.397e-05   |

