

**Quadratic**  
 $y = ax^2 + bx + c$

$\delta x$   
 $\delta y$

| Parameter      | Value      | Uncertainty |
|----------------|------------|-------------|
| $a$            | 2.658e+00  | 2.147e-01   |
| $b$            | -3.670e-01 | 3.238e-01   |
| $c$ [start: 0] | -8.847e-07 | 1.123e-03   |

$\chi^2_{\text{reduced}} = 1.11$

**Position Versus Time**

