

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

$\delta x$   
 $\delta y$

Parameter	Value	Uncertainty
$a$	2.283e+00	1.748e-01
$b$	4.114e-01	2.647e-01
$c$ [start: 0]	-2.787e-07	9.574e-04

$\chi^2_{\text{reduced}} = \mathbf{0.78}$

**Position Versus Time**

