

Quadratic Fitting

Polynomial co-efficients

[3.9852388305643798, -2.21867141634455, 10.904213022729152]

$a = 3.99 \pm 0.03$
 $b = -2.2 \pm 0.2$
 $c = 11 \pm 1$

$c = 11 \pm 1$
 $b = -2.2 \pm 0.2$
 $a = 3.99 \pm 0.03$

Curve-fit

400.0

300.0

200.0

100.0

0.0

-10.0

-5.0

0.0

5.0

10.0

X

Y

Polyfit

curve-fit

lmfit

