

Quadratic Fitting

Polynomial co-efficients
[4.005093570847882, -2.171350999449324, 11.141388607960575]

$a = 4.01 \pm 0.03$
 $b = -2.2 \pm 0.2$
 $c = 11 \pm 1$

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Curve-fit

0.4k

0.3k

0.2k

0.1k

0.0

-10.0

-5.0

0.0

5.0

10.0

X

Y

Polyfit

curve-fit

lmfit

