Qudratic Fitting

Polynominal co-efficients
[3.993032887686618, -1.815545839728193, 11.468555710$4195]

$a = 3.99 \pm 0.04$
$b = -1.8 \pm 0.2$
$c = 11 \pm 2$

$c = 11 \pm 2$
$b = -1.8 \pm 0.2$
$a = 3.99 \pm 0.04$

Y
Polyfit
curve-fit
lmfit