

Cubic

$y = ax^3 + bx^2 + cx + d$

δx

δy

Parameter	Value	Uncertainty
a	-4.374e-09	2.036e-10
b	-3.140e-08	9.559e-09
c	8.445e-05	1.147e-06
d	-1.562e-04	3.766e-05

$\chi^2_{\text{reduced}} = 2.06$

Force vs Angle

Force (N) $\times 10^{-3}$

Angle (Theta)

Residual (effective)

Residual (effective)

Angle (Theta)