

$\chi^2 / \text{ndf}$ 

2572 / 37

Constant

 $1359 \pm 18.7$ 

Mean

 $-0.0007595 \pm 0.0003721$ 

Sigma

 $0.04715 \pm 0.00053$ **Pion****[Counts/0.1mm]****Entries**

3500

3000

2500

2000

1500

1000

500

0

-1

-0.8

-0.6

-0.4

-0.2

 $X_{\text{fit}} - X_0$ 

0.2

0.4

0.6

0.8

1

**[cm]**