

**Entries**  
**[Counts/0.5mm]**

**Pion**

1400

1200

1000

800

600

400

200

0

-5 -4 -3 -2 -1 0 1 2 3 4 5

**$z_{\text{fit}} - z_0$**

**[cm]**

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

2427 / 77

**Constant**

$784.5 \pm 11.2$

**Mean**

$0.005135 \pm 0.003223$

**Sigma**

$0.3907 \pm 0.0046$

