

CMS

27.4 pb⁻¹ (5 TeV)

Events / 2.0 GeV

 $p_T(Z) = 42.5 - 45.0 \text{ GeV}/c$ $N_{\text{sig}}/(N_{\text{bkg}} + N_{\text{sig}}) = 0.989 \pm 0.007$ $\mu_1 = 0.0 \pm 0.0$ $\mu_2 = 0.0 \pm 0.0$ $\sigma = 0.0 \pm 0.0$ $\sigma_1 = 4.7 \pm 1.2$ $\sigma_2 = 9.0 \pm 0.9$ 10²

10

1

10⁻¹

pull

5

4

3

2

1

0

-1

-2

-3

-4

-5

-100

-50

0

50

100

