

CMS

27.4 pb⁻¹ (5 TeV)

Events / 2.0 GeV

 $p_T(Z) = 52.5 - 55.0 \text{ GeV}/c$ $N_{\text{sig}}/(N_{\text{bkg}} + N_{\text{sig}}) = 1.000 \pm 0.007$ $\mu_1 = -45.2 \pm 0.7$ $\mu_2 = -44.9 \pm 4.3$ $\sigma = 0.0 \pm 0.0$ $\sigma_1 = 10.0 \pm 0.8$ $\sigma_2 = 18.8 \pm 5.4$ 10²

10

1

10⁻¹

pull

5

4

3

2

1

0

-1

-2

-3

-4

-5

-150

-100

-50

0

50

