

Events / 1 GeV

Trg Ele24

**pass region**

• data  
—  $Z \rightarrow \mu\mu + \text{BG}$   
- - BG

$\chi^2 = 4.47$   
 $\varepsilon = 0.8114 \pm 0.0033$

1500

1000

500

0

70

80

90

100

110

$m_{ee}$  (GeV)

Events / 1 GeV

$p_T: [28, 29] \text{ GeV } \eta: [0, 1]$

41.29 fb<sup>-1</sup> (13 TeV)

**fail region**

• data  
—  $Z \rightarrow \mu\mu + \text{BG}$   
- - BG

$\chi^2 = 1.50$

400

300

200

100

0

70

80

90

100

110

$m_{ee}$  (GeV)