$50 < p_{_{\rm T}} < 55$ GeV, 2.1 < $|\eta| < 2.5$ ×10³ ×10³ -- data GeV Events / 1 GeV - Z \rightarrow ee + BG Fail Region **Pass Region** --- BG Events / 1 $\epsilon = 0.7311 \pm 0.0001$ 0.8 2.5 0.6

100

105

110 115

 m_{ee} (GeV)

1.5F

0.5

70

80

75

90

