$15 < p_{_{\rm T}} < 20$ GeV, $1.653 < |\eta| < 2.1$ ×10³ -- data -- data Events / 1 GeV Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region** Fail Region --- BG -- BG $\epsilon = 0.8714 \pm 0.0058$ 200 1.4 150 0.8 100 0.6 50 0.4 0.2

70

110 115

m_{ee} (GeV)

100

105

100

105 110 115

 m_{ee} (GeV)