$25 < p_{_{\mathrm{T}}} < 30$ GeV, $2.1 < |\eta| < 2.5$ ×10³ ×10³ -- data -- data GeV Events / 1 GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region** 1.8 Fail Region --- BG -- BG Events / 1 $\epsilon = 0.8724 \pm 0.0018$ 1.2 0.8 0.6 0.4 70 80 85 90 95 100 105 110 115 105 110 115 100

m_{ee} (GeV)

m_{ee} (GeV)