$37 < p_{_{\rm T}} < 38$ GeV, $1 < |\eta| < 1.479$ ×10³ $\times 10^3$ -- data -- data Events / 1 GeV \longrightarrow Z \rightarrow ee + BG - Z \rightarrow ee + BG 1.8 **Pass Region Fail Region** ••• BG -- BG $\epsilon = 0.7446 \pm 0.0000$ 1.2 0.8 0.6 0.4 0.2 80 85 90 95 100 105 110 115 100 105 110 115 70 90 m_{ee} (GeV) m_{ee} (GeV)

GeV

Events / 1