$35 < p_{_{\mathrm{T}}} < 40$ GeV, 1.479 $< |\eta| < 1.653$ ×10³ -- data -- data GeV 800 \longrightarrow Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** ••• BG -- BG Events / 1 Events / 1 $\epsilon = 0.9313 \pm 0.0000$ 600 10 500 400 300 200 100 80 90 95 100 105 110 115 95 100 105 110 115 90 m_{ee} (GeV) m_{ee} (GeV)