$37 < p_{_{\rm T}} < 38$ GeV, $1.653 < |\eta| < 2.1$ ×10³ ×10³ -- data -- data Events / 1 GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG -- BG $\epsilon = 0.6549 \pm 0.0000$ 2.5 1.5 0.5 75 80 85 90 95 100 105 110 115 70 75 80 90 95 100 105 110 115 m_{ee} (GeV) m_{ee} (GeV)

Events / 1 GeV