$37 < p_{_{\rm T}} < 38$ GeV, $1 < |\eta| < 1.479$ ×10³ ×10³ -- data -- data Events / 1 GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG - BG $\epsilon = 0.7797 \pm 0.0002$ 0.8 0.6 0.4 0.2 80 85 90 95 100 105 110 115 100 105 110 115 70 m_{ee} (GeV) m_{ee} (GeV)

Events / 1 GeV