$48 < p_{_{\rm T}} < 50$ GeV, $1.479 < |\eta| < 1.653$ ×10³ -- data -- data Events / 1 GeV 250 Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - - BG $\epsilon = 0.8378 \pm 0.0000$ 200 0.8 150 0.6 100 0.4 50 0.2 105 110 115 110 115 65 75 100 70 100 105 m_{ee} (GeV) m_{ee} (GeV)