$36 < p_{_{T}} < 37~GeV,\, 1.479 < |\eta| < 1.653$ $\times 10^3$ -- data -- data GeV Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG Events / 1 $\epsilon = 0.7550 \pm 0.0025$ 0.8 200 0.6 150 0.4 100 50 0.2 80 95 105 110 115 110 115 90 100 70 100 105 m_{ee} (GeV) m_{ee} (GeV)