$45 < p_{_{\rm T}} < 50$ GeV, $1.653 < |\eta| < 2.1$ $\times 10^3$ -- data -- data GeV 9 300 - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG Events / 1 Events / 1 40 35 $\epsilon = 0.9927 \pm 0.0000$ 30 200 25 150 20 15 100 10 50 80 90 100 105 110 115 100 105 75

m_{ee} (GeV)

m_{ee} (GeV)