$80 < p_{_{
m T}} < 100$ GeV, $1 < |\eta| < 1.479$ $\times 10^3$ Events / 1 GeV -- data -- data GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG - BG Events / 1 $\epsilon = 0.8728 \pm 0.0048$ 60 0.6 40 0.4 20 0.2 80 70 75 85 100 105 110 115 105 110 115 70 100 m_{ee} (GeV) m_{ee} (GeV)