$50 < p_{_{\rm T}} < 55~GeV,\, 1.479 < |\eta| < 1.653$ $\times 10^3$ -- data -- data Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG --- BG Events / 1 $\varepsilon = 0.9793 \pm 0.0007$ 80 60 40 20 75 80 100 105 110 115 105 110 115 100 m_{ee} (GeV) m_{ee} (GeV)

GeV