$35 < p_{_{\rm T}} < 36~GeV,\, 1.479 < |\eta| < 1.653$ ×10³ ×10³ -- data -- data > 2.4 E Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG Events / 1 $\epsilon = 0.6402 \pm 0.0000$ 0.8 1.6 1.4 0.6 0.4 0.8 0.6 0.2 0.4 0.2 80 95 100 105 110 115 80 95 100 105 110 115 90 90

m_{ee} (GeV)

m_{ee} (GeV)