$35 < p_{_{\rm T}} < 40$ GeV, $2.1 < |\eta| < 2.5$ ×10³ -- data -- data GeV Events / 1 GeV \longrightarrow Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG Events / 1 $\epsilon = 0.9810 \pm 0.0000$ 200 10 150 100 50 80 90 95 100 105 110 115 105 110 115 70 100

m_{ee} (GeV)

m_{ee} (GeV)