$34 < p_{_{\rm T}} < 35$ GeV, $1.653 < |\eta| < 2.1$ ×10³ ×10³ -- data -- data GeV Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG Fail Region **Pass Region** --- BG - BG Events / 1 $\epsilon = 0.5328 \pm 0.0000$ 2.5 2.5 1.5 1.5 0.5 0.5 80 85 90 95 100 105 110 115 80 90 95 100 105 110 115 75 75 m_{ee} (GeV) m_{ee} (GeV)