$37 < p_{_{\mathrm{T}}} < 38$ GeV, $2.1 < |\eta| < 2.5$ ×10³ ×10³ -- data -- data GeV Events / 1 GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** Events / 1 (--- BG - BG $\epsilon = 0.5690 \pm 0.0000$ 1.6 1.4 1.5 0.8 0.6 0.4 0.5 0.2 80 100 105 110 115 75 85 90 95 100 105 110 115 70 80 85 95 75 90 m_{ee} (GeV) m_{ee} (GeV)