$45 < p_{_{\mathrm{T}}} < 50$ GeV, 1.479 $< |\eta| < 1.653$ ×10³ -- data -- data GeV \blacksquare Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** Events / 1 250 --- BG - BG Events / 1 ϵ = 0.9726 ± 0.0000 200 150 100 50 80 90 100 105 110 115 100 105 70 75 m_{ee} (GeV) m_{ee} (GeV)