$35 < p_{_{\mathrm{T}}} < 40$ GeV, 1.479 $< |\eta| < 1.653$ $\times 10^3$ -- data -- data GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG - BG Events / 1 ϵ = 0.9094 ± 0.0000 500 400 300 200 100 80 90 95 100 105 110 115 80 95 100 105 110 115 90 m_{ee} (GeV) m_{ee} (GeV)

GeV

Events / 1