$25 < p_{_{\mathrm{T}}} < 30$ GeV, $2.1 < |\eta| < 2.5$ ×10³ ×10³ -- data -- data Events / 1 GeV Events / 1 GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG -- BG 16 ϵ = 0.8576 \pm 0.0014 2.5 14 12 10 1.5 0.5 80 85 90 95 100 105 110 115 105 110 115 70 100

m_{ee} (GeV)

m_{ee} (GeV)