$50 < p_{_{
m T}} < 100$ GeV, $1 < |\eta| < 1.479$ ×10³ $\times 10^3$ -- data -- data GeV Events / 1 GeV - Z \rightarrow ee + BG - Z \rightarrow ee + BG **Pass Region Fail Region** --- BG --- BG Events / 1 60 ϵ = 0.9059 ± 0.0005 50 40 30 20 10 80 70 75 85 90 110 115 80 105 110 115 100 105 75 90 100 m_{ee} (GeV) m_{ee} (GeV)