$50 < p_{_{
m T}} < 100$ GeV, $1.653 < |\eta| < 2.1$ ×10³ ×10³ -- data -- data GeV GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG --- BG 1.4 Events / 1 Events / 1 20 ϵ = 0.9354 ± 0.0012 18 16 14 0.8 12 10 0.6 0.4 0.2 80 70 75 85 90 105 110 115 80 105 110 115 100 100 m_{ee} (GeV) m_{ee} (GeV)