$50 < p_{_{\rm T}} < 55~GeV,\, 1.479 < |\eta| < 1.653$ ×10³ -- data -- data GeV - Z \rightarrow ee + BG $Z \rightarrow ee + BG$ Fail Region **Pass Region** 800 --- BG --- BG Events / 1 Events / 1 3.5 ϵ = 0.7868 ± 0.0019 600 2.5 500 400 1.5 300 200 0.5 100 110 115 75 80 85 90 100 105 70 105 110 115 100 m_{ee} (GeV) m_{ee} (GeV)