$36 < p_{_{T}} < 37~GeV,\, 1.479 < |\eta| < 1.653$ $\times 10^3$ -- data -- data GeV % 350 9 - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** Events / 1 - 8.0 --- BG - BG Events / 1 ϵ = 0.7144 ± 0.0015 250 0.6 200 150 0.4 100 0.2 50 105 110 115 110 115 65 70 90 100 100 105 m_{ee} (GeV) m_{ee} (GeV)