$50 < p_{_{\rm T}} < 55~GeV,\, 1.479 < |\eta| < 1.653$ ×10³ -- data -- data GeV GeV \longrightarrow Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** - - BG Events / 1.6 --- BG Events / 1 ϵ = 0.8254 ± 0.0031 250 200 0.8 150 0.6 100 0.4 50 0.2 105 110 115 110 115 65 70 75 90 100 70 100 105

m_{ee} (GeV)

m_{ee} (GeV)