$42 < p_{_{\rm T}} < 44$ GeV, 1.479 $< |\eta| < 1.653$ ×10³ ×10³ -- data -- data GeV Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region** Fail Region - BG --- BG Events / 1 0.8 ϵ = 0.8096 ± 0.0020 0.6 2.5 0.4 1.5 0.2 0.5 70 105 110 115 70 95 100 105 110 115 65 75 80 85 90 95 100 90

m_{ee} (GeV)

 m_{ee} (GeV)