$45 < p_{_{\mathrm{T}}} < 50$ GeV, 1.479 $< |\eta| < 1.653$ ×10³ -- data -- data 200 E - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG -- BG Events / 1 ϵ = 0.9698 ± 0.0000 150 100 50

70

100 105 110 115

m_{ee} (GeV)

105 110 115

m_{ee} (GeV)

100

GeV

Events / 1

70

75