$25 < p_{_{T}} < 30 \; \text{GeV}, \, 1.479 < |\eta| < 1.653$ ×10³ -- data -- data GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region** Fail Region Events / 1.4 --- BG -- BG Events / 1.6 $\epsilon = 0.7934 \pm 0.0000$ 200 1.2 150 0.8 100 0.6 0.4 50 0.2

100 105

110 115

m_{ee} (GeV)

100

105

110 115

m_{ee} (GeV)