$25 < p_{_{T}} < 30 \; \text{GeV}, \, 1.479 < |\eta| < 1.653$ ×10³ -- data -- data Events / 1 GeV 8600 - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region** Fail Region --- BG - BG Events / 1 $\epsilon = 0.8086 \pm 0.0000$ 400 2.5 300 1.5 200

100

105

110 115

m_{ee} (GeV)

0.5

100

100 105

90

110 115

m_{ee} (GeV)