$25 < p_{_{T}} < 30 \; \text{GeV}, \, 1.479 < |\eta| < 1.653$ ×10³ -- data -- data GeV § 700 - Z \rightarrow ee + BG Z → ee + BG Fail Region **Pass Region** --- BG - BG Events / 1 Events / 1 $\epsilon = 0.9328 \pm 0.0063$ 500 2.5 400 300 1.5 200 100 0.5 100 105 110 115 110 115 100 105

 m_{ee} (GeV)

m_{ee} (GeV)