$44 < p_{_{T}} < 46 \; GeV, \, 1.479 < |\eta| < 1.653$ ×10<sup>3</sup> ×10<sup>3</sup> -- data -- data GeV 2.4  $\longrightarrow$  Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG Fail Region **Pass Region** ••• BG -- BG 10 Events / 1 Events / 1  $\epsilon = 0.8111 \pm 0.0012$ 1.8 1.6 1.4 0.8 0.6 0.4 0.2 80 100 105 110 115 85 90 95 100 105 110 115 70 80 95 70 75 90 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)