$50 < p_{_{
m T}} < 100$  GeV,  $1.653 < |\eta| < 2.1$ ×10<sup>3</sup> -- data -- data Events / 1 GeV 400 GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG **Pass Region Fail Region** --- BG -- BG Events / 1  $\epsilon = 0.9500 \pm 0.0015$ 300 200 100 80 75 85 90 105 110 115 105 110 115 100 70 75 100 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)