$55 < p_{_{\rm T}} < 60$  GeV, 1 <  $|\eta| < 1.479$ ×10<sup>3</sup> -- data -- data Events / 1 GeV 35 🗀 Events / 1 GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG **Pass Region Fail Region** --- BG -- BG 30  $\varepsilon = 0.9936 \pm 0.0000$ 25 2.5 20 15 1.5 10 0.5 70 80 90 105 110 115 100 105 110 115 75 100 70 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)