$35 < p_{_{\rm T}} < 40$  GeV,  $1 < |\eta| < 1.479$ ×10<sup>3</sup> ×10<sup>6</sup> -- data -- data Events / 1 GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG 2.5 **Pass Region Fail Region** - BG --- BG  $\epsilon = 0.9739 \pm 0.0000$ 0.08 1.5 0.06 0.04 0.5 0.02 70 75 80 85 90 95 100 105 110 115 80 95 100 105 110 115 75 90 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)