$46 < p_{_{\rm T}} < 48$  GeV,  $2.1 < |\eta| < 2.5$ ×10<sup>3</sup>  $\times 10^3$ -- data -- data Events / 1 GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG Fail Region **Pass Region** --- BG --- BG  $\epsilon = 0.7073 \pm 0.0016$ 1.6 1.4 0.8 0.6 0.4 0.2 80 85 90 95 100 105 110 115 75 80 90 95 100 105 110 115 70 75 70 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)

GeV

Events / 1