$35 < p_{_{\mathrm{T}}} < 40$  GeV, 1.479  $< |\eta| < 1.653$ ×10<sup>3</sup> -- data -- data ≥ 500 F - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG **Pass Region** Fail Region --- BG -- BG Events / 1 Events / 1  $\epsilon = 0.9241 \pm 0.0000$ 300 200 100 110 115 80 90 95 100 105 110 115 100 105 90 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)

GeV