$35 < p_{_{\mathrm{T}}} < 40$  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  $\epsilon$  = 0.9176 ± 0.0000 300 200 100 80 90 95 100 105 110 115 100 105 110 115 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)

GeV