$\mathbf{20} < \mathbf{p}_{_{\mathrm{T}}} < \mathbf{25}$  GeV,  $\mathbf{1} < |\boldsymbol{\eta}| < 1.479$  $\times 10^3$ -- data -- data  $\longrightarrow$  Z  $\rightarrow$  ee + BG Z → ee + BG Fail Region **Pass Region** Events / 1 (000 400) --- BG - BG  $\epsilon$  = 0.8978  $\pm$  0.0041 350 300 250 200 150 100 50 70 80 90 100 105 110 115 100 105 110 115 70 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)

GeV

Events / 1