$\mathbf{20} < \mathbf{p}_{_{\mathrm{T}}} < \mathbf{25}$  GeV,  $\mathbf{2.1} < |\boldsymbol{\eta}| < \mathbf{2.5}$ ×10<sup>3</sup> -- data -- data Events / 1 GeV Events / 1 GeV - Z  $\rightarrow$  ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG  $\epsilon$  = 0.9166  $\pm$  0.0035 150 1.5 100 50 0.5 100 105 110 115 110 115 70 100 105 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)