$\mathbf{20} < \mathbf{p}_{_{\mathrm{T}}} < \mathbf{25}$ GeV, $\mathbf{1} < |\boldsymbol{\eta}| < 1.479$ ×10³ ×10³ -- data -- data Events / 1 GeV Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG $\epsilon = 0.9073 \pm 0.0024$ 10 8.0 0.6 0.4 0.2 110 115 70 80 100 105 110 115 100 105 70 m_{ee} (GeV) m_{ee} (GeV)