$38 < p_{_{\mathrm{T}}} < 40$  GeV,  $1.479 < |\eta| < 1.653$  $\times 10^3$ -- data -- data GeV % 700 9 - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG **Pass Region Fail Region** -- BG --- BG Events / 1 Events / 1  $\epsilon = 0.7807 \pm 0.0000$ 500 400 1.5 300 200 0.5 100 105 110 115 100 105 110 115 65 90 100 70  $m_{ee}$  (GeV) m<sub>ee</sub> (GeV)