$42 < p_{_{T}} < 44~GeV,\, 1.479 < |\eta| < 1.653$ ×10<sup>3</sup> -- data -- data Events / 1 GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG **Pass Region Fail Region** - BG Events / 1 2.5 --- BG  $\epsilon$  = 0.8232 ± 0.0000 600 2.5 400 1.5 200 0.5 105 110 115 110 115 65 70 75 90 100 70 100 105  $m_{ee}$  (GeV) m<sub>ee</sub> (GeV)