$50 < p_{_{
m T}} < 100$  GeV,  $1 < |\eta| < 1.479$ ×10<sup>3</sup> ×10<sup>3</sup> -- data -- data Events / 1 GeV GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG **Pass Region Fail Region** --- BG --- BG Events / 1 35  $\epsilon$  = 0.9116 ± 0.0011 30 2.5 25 20 1.5 15 10 0.5 80 70 75 85 90 100 105 110 115 80 105 110 115 70 75 100 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)