$34 < p_{_{\rm T}} < 35$  GeV, 2.1 <  $|\eta| < 2.5$ ×10<sup>3</sup>  $\times 10^3$ -- data -- data GeV - Z  $\rightarrow$  ee + BG  $-Z \rightarrow ee + BG$ **Pass Region Fail Region** 3.5 --- BG - BG Events / 1 Events / 1 3.5  $\epsilon = 0.5007 \pm 0.0000$ 2.5 2.5 1.5 1.5 0.5 0.5 70 80 85 90 95 100 105 110 115 70 75 80 90 95 100 105 110 115

m<sub>ee</sub> (GeV)

m<sub>ee</sub> (GeV)