$48 < p_{_{\rm T}} < 50$ GeV, $2.1 < |\eta| < 2.5$ $\times 10^3$ -- data -- data Events / 1 GeV GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG --- BG Events / 1 $\varepsilon = 0.7478 \pm 0.0004$ 500 1.5 400 300 200 0.5 100 70 80 100 105 110 115 105 110 115 65 75 90 70 100 m_{ee} (GeV) m_{ee} (GeV)