$45 < p_{_{\rm T}} < 50$  GeV,  $1.653 < |\eta| < 2.1$ ×10<sup>3</sup> -- data -- data Events / 1 GeV GeV - Z  $\rightarrow$  ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG 160 Events / 1 40  $\epsilon = 0.9935 \pm 0.0002$ 120 100 15 80 10 60 40 20 80 90 100 105 110 115 110 115 75 70 100 105 m<sub>ee</sub> (GeV) m<sub>ee</sub> (GeV)