$25 < p_{_{\rm T}} < 30$ GeV, $1.653 < |\eta| < 2.1$ $\times 10^3$ -- data -- data GeV GeV \longrightarrow Z \rightarrow ee + BG Z → ee + BG 16 Fail Region **Pass Region** --- BG - BG Events / 1 L 800 700 1008 $\epsilon = 0.9349 \pm 0.0006$ 600 10 500 400 300 200 100 100 105 110 115 100 105 110 115 95 90 m_{ee} (GeV) m_{ee} (GeV)