$30 < p_{_{\rm T}} < 35$ GeV, 2.1 < $|\eta| < 2.5$ ×10³ -- data -- data GeV % 450 9 450 \blacksquare Z \rightarrow ee + BG $Z \rightarrow ee + BG$ 18 Fail Region **Pass Region** --- BG - BG Events / 1 Events / 1 16 $\epsilon = 0.9723 \pm 0.0003$ 300 12 250 10 200 150 100 50 80 85 90 95 100 105 110 115 100 105 110 115 75 90 m_{ee} (GeV) m_{ee} (GeV)