$20 < p_{_{
m T}} < 25$ GeV, $1.653 < |\eta| < 2.1$ ×10³ -- data -- data Events / 1 GeV ≥ 400 E $Z \rightarrow ee + BG$ Z → ee + BG **Pass Region Fail Region** --- BG --- BG Events / 1 $\epsilon = 0.9023 \pm 0.0026$ 300 250 2.5 200 150 1.5 100 0.5 50 80 85 90 95 100 105 110 115 100 105 110 115 70 75 70 90 m_{ee} (GeV) m_{ee} (GeV)