$37 < p_{_{\rm T}} < 38~GeV,\, 1.479 < |\eta| < 1.653$ ×10³ ×10³ -- data -- data Events / 1 GeV Events / 1 GeV - Z \rightarrow ee + BG Z → ee + BG **Pass Region Fail Region** --- BG - BG ϵ = 0.7115 ± 0.0000 2.5 0.8 0.6 1.5 0.4 0.2 0.5 80 85 90 95 100 105 110 115 80 100 105 110 115 70 75 90 95 m_{ee} (GeV) m_{ee} (GeV)