$40 < p_{_{T}} < 45 \; \text{GeV}, \, 1.479 < |\eta| < 1.653$ ×10³ -- data -- data 250 Events / 1 Ge/ 350 Septimber 2008 Events / 1 GeV - Z \rightarrow ee + BG \blacksquare Z \rightarrow ee + BG **Pass Region Fail Region** --- BG -- BG $\epsilon = 0.9578 \pm 0.0000$ 300 250 200 150 100 50 85 90 95 100 105 110 115 110 115 75 70 100 105 m_{ee} (GeV) m_{ee} (GeV)