$50 < p_{_{
m T}} < 55$ GeV, $1.653 < |\eta| < 2.1$ $\times 10^3$ -- data Events / 1 GeV 90 \longrightarrow Z \rightarrow ee + BG **Pass Region** --- BG 80 $\epsilon = 0.9943 \pm 0.0003$ 70 60 50 40

GeV

Events / 1

75

70

80

90

100

105 110 115

m_{ee} (GeV)

