$50 < p_{_{
m T}} < 100$  GeV,  $1 < |\eta| < 1.479$ ×10<sup>3</sup>  $\times 10^3$ -- data -- data GeV Events / 1 GeV - Z  $\rightarrow$  ee + BG  $\blacksquare$  Z  $\rightarrow$  ee + BG Fail Region **Pass Region** --- BG -- BG Events / 1 18 16  $\epsilon = 0.9290 \pm 0.0018$ 12 0.8 10 0.6 0.4 0.2 80 75 85 90 100 105 110 115 70 75 80 105 110 115 70 100

m<sub>ee</sub> (GeV)

m<sub>ee</sub> (GeV)