$55 < p_{_{
m T}} < 60$ GeV, $1.2 < |\eta| < 2.1$ ×10³ $\times 10^3$ -- data -- data GeV $-Z \rightarrow \mu\mu + BG$ Events / 1 GeV $Z \rightarrow \mu\mu$ + BG **Pass Region Fail Region** - BG --- BG 80 Events / 1 ϵ = 0.9867 ± 0.0000 60 0.8 50 0.6 40 30 0.4 20 0.2 10 70 75 80 90 105 110 115 80 100 105 110 115 100 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}$ (GeV)