$35 < p_{_{\rm T}} < 40$ GeV, $0.9 < |\eta| < 1.2$ ×10³ ×10³ -- data -- data Events / 1 GeV -- Z $\rightarrow \mu\mu$ + BG Events / 1 GeV $Z \rightarrow \mu \mu$ + BG **Pass Region** Fail Region BG --- BG 60 ϵ = 0.9380 ± 0.0004 50 2.5 40 30 1.5 20 10 0.5 70 80 85 90 95 100 105 110 115 80 90 95 100 105 110 115 75 75 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}~(GeV)$