$35 < p_{_{\rm T}} < 40$ GeV, $0.9 < |\eta| < 1.2$ ×10³ ×10⁶ -- data -- data Events / 1 GeV -- Z $\rightarrow \mu\mu$ + BG Events / 1 GeV $Z \rightarrow \mu \mu$ + BG **Pass Region** Fail Region - BG --- BG $\epsilon = 0.9371 \pm 0.0002$ 0.12 0.1 0.08 0.06 0.04 0.02 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)