$35 < p_{_{\rm T}} < 40$ GeV, $2.1 < |\eta| < 2.4$ ×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 30 ϵ = 0.9599 ± 0.0000 25 0.8 20 0.6 15 0.4 10 0.2 80 85 90 95 100 105 110 115 75 80 95 100 105 110 115 75 90 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}~(GeV)$