$35 < p_{_{\rm T}} < 40$ GeV, $2.1 < |\eta| < 2.4$ ×10³ ×10³ -- data -- data GeV GeV — Z → μμ + BG $Z \rightarrow \mu \mu$ + BG **Pass Region Fail Region** BG Events / 1 (--- BG Events / 1 3.5 ϵ = 0.9656 ± 0.0002 80 2.5 60 1.5 40 20 0.5 80 85 90 95 100 105 110 115 80 95 100 105 110 115 75 90 $m_{\mu\mu}~(GeV)$ $m_{\mu\mu}$ (GeV)