$27 < p_{_{
m T}} < 28$ 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 Fail Region **Pass Region** - BG --- BG Events / 1 10 $\varepsilon = 0.8421 \pm 0.0021$ 1.6 1.4 1.2 0.8 0.6 0.4 0.2 70 80 85 90 95 100 105 110 115 70 80 85 90 95 100 105 110 115 75 75 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}~(GeV)$