$30 < p_{_{\rm T}} < 31$ GeV, $2.1 < |\eta| < 2.4$ ×10³ ×10³ -- data -- data GeV GeV - Z $\rightarrow \mu\mu$ + BG $Z \rightarrow \mu\mu + BG$ Fail Region **Pass Region** - BG --- BG 3.5 Events / 1 Events / 1 10 $\epsilon = 0.7480 \pm 0.0015$ 2.5 1.5 0.5 70 80 85 90 95 100 105 110 115 70 80 90 100 105 110 115 75 75 $m_{\mu\mu}~(GeV)$ $m_{\mu\mu}$ (GeV)