$70 < p_{_{\rm T}} < 80$ GeV, $0.9 < |\eta| < 1.2$ $\times 10^3$ -- data -- data GeV 200E $-Z \rightarrow \mu\mu + BG$ $Z \rightarrow \mu\mu + BG$ **Pass Region Fail Region** - BG --- BG Events / 1 Events / 1 ϵ = 0.9860 ± 0.0006 140 120 100 80 60 40 20 80 85 90 100 105 110 115 100 105 110 115 75 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}~(GeV)$