$\mathbf{20} < \mathbf{p}_{_{\mathrm{T}}} < \mathbf{25}$ GeV, $\mathbf{0.9} < |\boldsymbol{\eta}| < \mathbf{1.2}$ ×10³ $\times 10^3$ -- data --- data GeV -- Z $\rightarrow \mu\mu$ + BG Events / 1 GeV $Z \rightarrow \mu\mu$ + BG **Pass Region Fail Region** 50 BG --- BG Events / 1 $\epsilon = 0.9804 \pm 0.0004$ 0.8 30 0.6 20 0.4 10 85 90 100 105 110 115 105 110 115 70 70 100 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}~(GeV)$