$60 < p_{_{\mathrm{T}}} < 70$ GeV, 2.1 $< |\eta| < 2.4$ ×10³ -- data -- data GeV **–** Z → μμ + BG $-Z \rightarrow \mu\mu + BG$ **Pass Region Fail Region** - BG --- BG Events / 1 $\epsilon = 0.9886 \pm 0.0000$ 80 60 40 20 80 75 100 105 110 115 100 105 110 115 $m_{\mu\mu}~(GeV)$ $m_{\mu\mu}$ (GeV)