$50 < p_{_{\rm T}} < 55$ GeV, $1.2 < |\eta| < 2.1$ ×10³ ×10⁶ -- data -- data ≥ 00.18 GeV — Z → μμ + BG $Z \rightarrow \mu\mu$ + BG **Pass Region Fail Region** - BG --- BG 10.16 Events / 10.16 Events / 1 1.8 ϵ = 0.9890 ± 0.0003 1.4 0.12 1.2 0.1 0.08 0.8 0.06 0.6 0.04 0.4 0.02 0.2 80 70 75 85 90 100 105 110 115 70 80 110 115 90 100 105 $m_{\mu\mu}$ (GeV) $m_{\mu\mu}$ (GeV)