$15 < p_{_{\rm T}} < 20$ GeV, $0.9 < |\eta| < 1.2$ ×10³ ×10³ -- data --- data Events / 1 GeV Events / 1 GeV — Z → μμ + BG $Z \rightarrow \mu \mu$ + BG Fail Region **Pass Region** 4.5 BG --- BG $\epsilon = 0.7590 \pm 0.0019$ 10 2.5 1.5 0.5 110 115 80 85 90 95 100 105 110 115 80 85 90 95 100 105 70 75 $m_{\mu\mu}~(GeV)$ $m_{\mu\mu}$ (GeV)