$32 < p_{_{\rm T}} < 35$ GeV, 2.1 < $|\eta| < 2.4$ ×10³ ×10³ -- data -- data GeV $-Z \rightarrow \mu\mu + BG$ Events / 1 GeV $Z \rightarrow \mu \mu$ + BG **Pass Region** Fail Region BG --- BG Events / 1 $\epsilon = 0.7738 \pm 0.0008$ 35 30 25 20 15 10 110 115 70 80 85 90 95 100 105 110 115 70 80 90 100 105 75 75

 $m_{\mu\mu}$ (GeV)

 $m_{\mu\mu}~(GeV)$