$15 < p_{_{\rm T}} < 20$ GeV, $1.2 < |\eta| < 2.1$ ×10³ ×10³ -- data -- data GeV Events / 1 GeV - Z $\rightarrow \mu\mu$ + BG $Z \rightarrow \mu\mu + BG$ 1.6 **Pass Region Fail Region** - BG --- BG Events / 1 ϵ = 0.9845 ± 0.0004 60 50 40 30 0.6 20 0.4 10 0.2 85 90 100 110 115 105 110 115 70 105 70 100

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

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