$55 < p_{_{\rm T}} < 60$ GeV, $1.2 < |\eta| < 2.1$ $\times 10^3$ ≥ 900 Fr. -- data -- data GeV $-Z \rightarrow \mu\mu + BG$ $Z \rightarrow \mu\mu$ + BG **Pass Region Fail Region** - BG --- BG Events / 1 Events / 1 80 ϵ = 0.9894 ± 0.0003 60 600 50 500 40 400 30 300 20 200 100 10 80 75 85 90 100 105 110 115 70 75 80 110 115 100 105 $m_{\mu\mu}~(GeV)$ $m_{\mu\mu}$ (GeV)