$80 < p_{_{\rm T}} < 100$  GeV,  $0.9 < |\eta| < 1.2$ ×10<sup>3</sup> -- data -- data GeV Events / 1 GeV  $Z \rightarrow \mu\mu$  + BG  $Z \rightarrow \mu \mu$  + BG **Pass Region Fail Region** - BG --- BG Events / 1 18 1.8  $\epsilon$  = 0.9928 ± 0.0008 1.6 1.4 12 1.2 10 0.8 0.6 0.4 0.2 80 75 85 90 95 100 105 110 115 70 75 80 90 100 105 110 115 70  $m_{\mu\mu}~(GeV)$  $m_{\mu\mu}$  (GeV)