$25 < p_{_{\rm T}} < 30$  GeV, 1.2 <  $|\eta| < 2.1$ ×10<sup>3</sup> ×10<sup>6</sup> -- data -- data Events / 1 GeV **№**0.25 - Z  $\rightarrow \mu\mu$  + BG  $Z \rightarrow \mu\mu$  + BG **Pass Region Fail Region** - BG --- BG Events / 1 5.0  $\epsilon = 0.9870 \pm 0.0002$ 2.5 0.15 1.5 0.1 0.05 0.5 70 85 90 95 100 105 110 115 70 100 105 110 115 80 90

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

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