$35 < p_{_{\rm T}} < 40$  GeV,  $1.2 < |\eta| < 2.1$ ×10<sup>3</sup> ×10<sup>6</sup> -- data -- data 24[\_\_\_\_\_ GeV Events / 1 GeV — Z → μμ + BG  $Z \rightarrow \mu \mu$  + BG Fail Region **Pass Region** BG --- BG Events / 1 0.5  $\epsilon$  = 0.9528  $\pm$  0.0001 18 0.4 16 14 0.3 12 10 0.2 0.1 70 80 85 90 95 100 105 110 115 80 90 100 105 110 115 75  $m_{\mu\mu}~(GeV)$  $m_{\mu\mu}~(GeV)$