$25 < p_{_{\mathrm{T}}} < 26$  GeV,  $2.1 < |\eta| < 2.4$ ×10<sup>3</sup> ×10<sup>3</sup> -- data --- data GeV  $-Z \rightarrow \mu\mu + BG$ Events / 1 GeV  $Z \rightarrow \mu \mu$  + BG Fail Region **Pass Region** BG Events / 1 2.5 --- BG  $\epsilon$  = 0.4954 ± 0.0028 1.5 1.5 0.5 0.5

80

90

95

100

105 110 115

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

70

80

85

90

95

100

105 110 115

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