$\mathbf{20} < \mathbf{p}_{_{\mathrm{T}}} < \mathbf{25}$ GeV, $\mathbf{0.9} < |\boldsymbol{\eta}| < \mathbf{1.2}$ ×10³ $\times 10^3$ -- data --- data GeV Events / 1 GeV - Z $\rightarrow \mu\mu$ + BG $-Z \rightarrow \mu\mu + BG$ **Pass Region Fail Region** - BG --- BG Events / 1 10 $\epsilon = 0.8031 \pm 0.0030$ 1.5

70

80

90

100

105 110 115 m_{μμ} (GeV)

80

85

90

95

100

105 110 115

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