$\mathbf{23} < \mathbf{p}_{_{\mathrm{T}}} < \mathbf{24}$ GeV, $\mathbf{1.2} < |\boldsymbol{\eta}| < \mathbf{2.1}$ ×10³ -- data Events / 1 GeV -- Z $\rightarrow \mu\mu$ + BG Events / 1 GeV **Pass Region** --- BG 1.6 $\epsilon = 0.0700 \pm 0.0009$ 0.8

0.6

0.4

0.2

70

80

75

85

90

95

100

105 110 115

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

