$55 < p_{_{\rm T}} < 60$ GeV, $0.9 < |\eta| < 1.2$ $\times 10^3$ -- data --- data GeV Events / 1 GeV 08 — Z → μμ + BG $Z \rightarrow \mu\mu + BG$ **Pass Region Fail Region** - BG --- BG Events / 1 10 ϵ = 0.9921 ± 0.0005 60 40 20

70

105 110 115

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

100

80

75

85

100

105 110 115

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