$31 < p_{_{
m T}} < 32~{
m GeV},\, 1.2 < |\eta| < 2.1$ ×10³ ×10³ -- data -- data GeV Events / 1 GeV — Z → μμ + BG $Z \rightarrow \mu \mu$ + BG **Pass Region** Fail Region BG --- BG Events / 1 35 $\epsilon = 0.8327 \pm 0.0008$ 30 25 20 15 10 70 80 85 90 95 100 105 110 115 70 80 90 95 100 105 110 115 $m_{\mu\mu}~(GeV)$ $m_{\mu\mu}~(GeV)$