

$\mu\mu$ **CMS***Simulation Preliminary* $Z \rightarrow \mu\mu$  (simulation) $Z \rightarrow \mu\mu$  (embedded)

Z before FSR

 $N_{\text{evts}} / 1000$ 

300

200

100

0

Ratio to  
simulation

1.5

1.0

0.5

80

100

120

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