

$H \rightarrow \gamma^* \gamma \rightarrow \mu\mu\gamma$ 

(13 TeV)

**CMS***Simulation*

ZH, diMu50\_VBF

 Simulation Parametric model DCB Gauss

Signal shape / (1.0 GeV)

 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$   
 $10^{-8}$   
 $10^{-9}$ 

110

120

130

140

150

160

170

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