

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

(13 TeV)

**CMS***Simulation*

bbH, diMu50\_VBF

● Simulation  
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— 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)