

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

(13 TeV)

**CMS***Simulation*

ggH, diMu50\_EBLR9

● Simulation

— Parametric model

- - - DCB

- - - Gauss

Signal shape / (1.0 GeV)

 $10^{-6}$  $10^{-5}$  $10^{-4}$  $10^{-3}$  $10^{-2}$  $10^{-1}$ 

10

110

120

130

140

150

160

170

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