

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

(13 TeV)

CMS*Simulation*

ggH, diMu9_VBF

● Simulation
┆┆┆

— Parametric model

- - - DCB

- - - Gauss

Signal shape / (1.0 GeV)

1
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵
10⁻⁶
10⁻⁷

110

120

130

140

150

160

170

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