

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

(13 TeV)

Signal shape

**CMS**

*Simulation*

ttH, diMu9\_VBF

PDF-120 GeV

PDF-125 GeV

PDF-130 GeV

$10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$   
 $10^{-8}$

110 120 130 140 150 160 170

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

