

$H \rightarrow \gamma^* \gamma \rightarrow ee\gamma$ 

(13 TeV)

**CMS***Simulation*

ggH, Merged2Gsf\_EE

● Simulation

— Parametric model

- - - DCB

- - - Gauss

Signal shape / (1.0 GeV)

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

110 120 130 140 150 160 170

 $m_{ee\gamma}$  (GeV)