

12.9 fb^{-1} (13 TeV)

CMS

Preliminary

$m_\phi = 350 \text{ GeV}$

68% CL

95% CL



Best fit



Expected for 125 GeV SM Higgs

$\sigma(b\bar{b}\phi) \cdot B(\phi \rightarrow \tau\tau) \text{ (pb)}$

0.2
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0

0.02 0.04 0.06 0.08 0.10 0.12 0.14 0.16 0.18 0.20

$\sigma(gg\phi) \cdot B(\phi \rightarrow \tau\tau) \text{ (pb)}$