

CMS $\phi \rightarrow \tau\tau$

19.7 fb⁻¹ (8 TeV)

$\sigma(bb\phi) \cdot B(\phi \rightarrow \tau\tau)$ [pb]

$m_\phi = 90$ GeV

95% CL

68% CL

Best fit

Expected for
SM H(125 GeV)

10

5

0

0

20

40

60

$\sigma(gg\phi) \cdot B(\phi \rightarrow \tau\tau)$ [pb]

