

**CMS** $\phi \rightarrow \tau\tau$ 19.7 fb<sup>-1</sup> (8 TeV) $\sigma(bb\phi) \cdot B(\phi \rightarrow \tau\tau)$  [pb] $m_\phi = 180$  GeV

95% CL

68% CL

+ Best fit

◇ Expected for  
SM H(125 GeV)