

CMS*Preliminary* $m_\phi = 600 \text{ GeV}$ 

68% CL



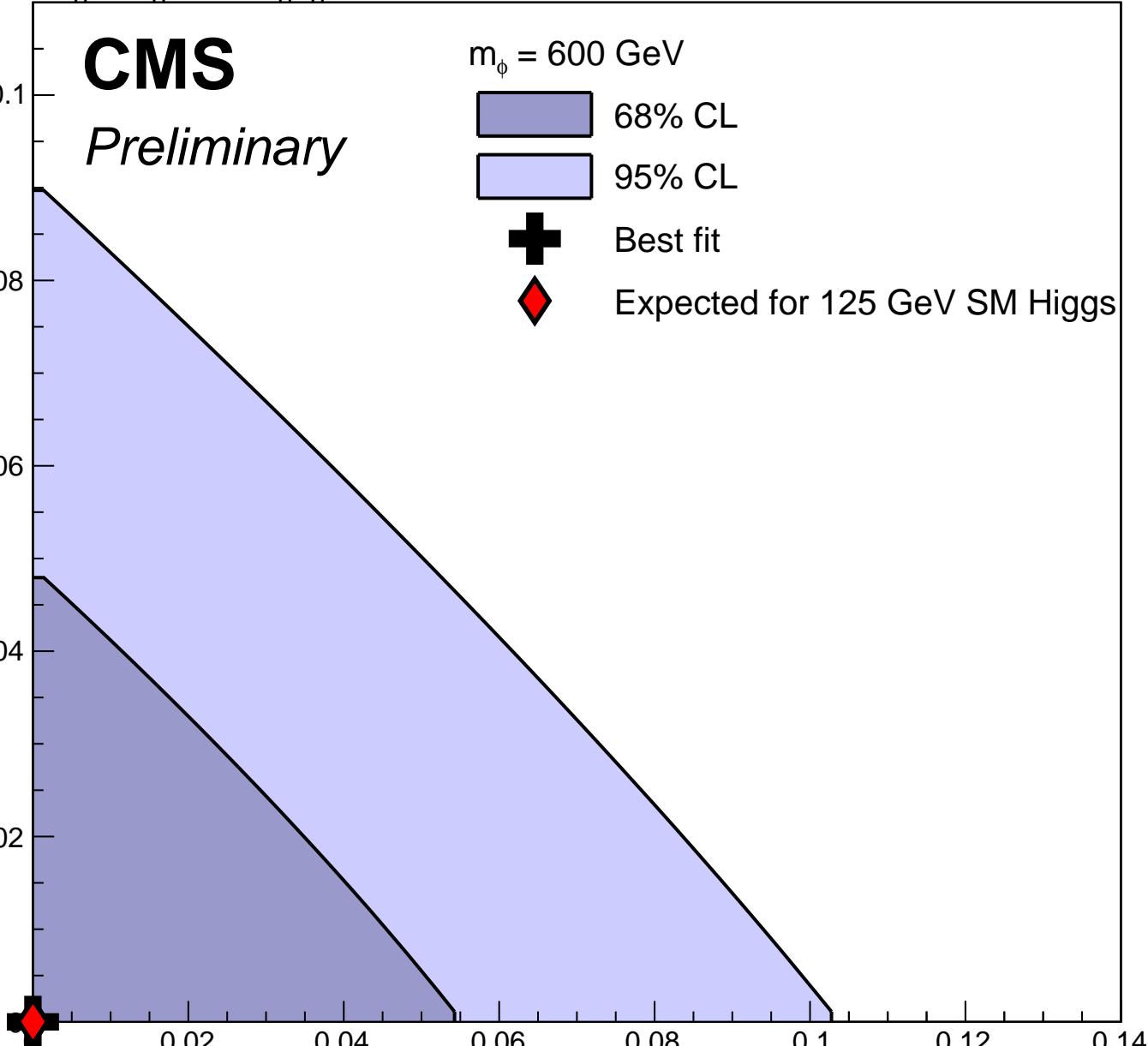
95% CL



Best fit



Expected for 125 GeV SM Higgs

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