

$\mu_{\tau_h} + e_{\tau_h} + e_{\mu} + \tau_{\tau_h} + \tau_h$

CMS

Preliminary

$m_\phi = 200$ GeV



68% CL



95% CL

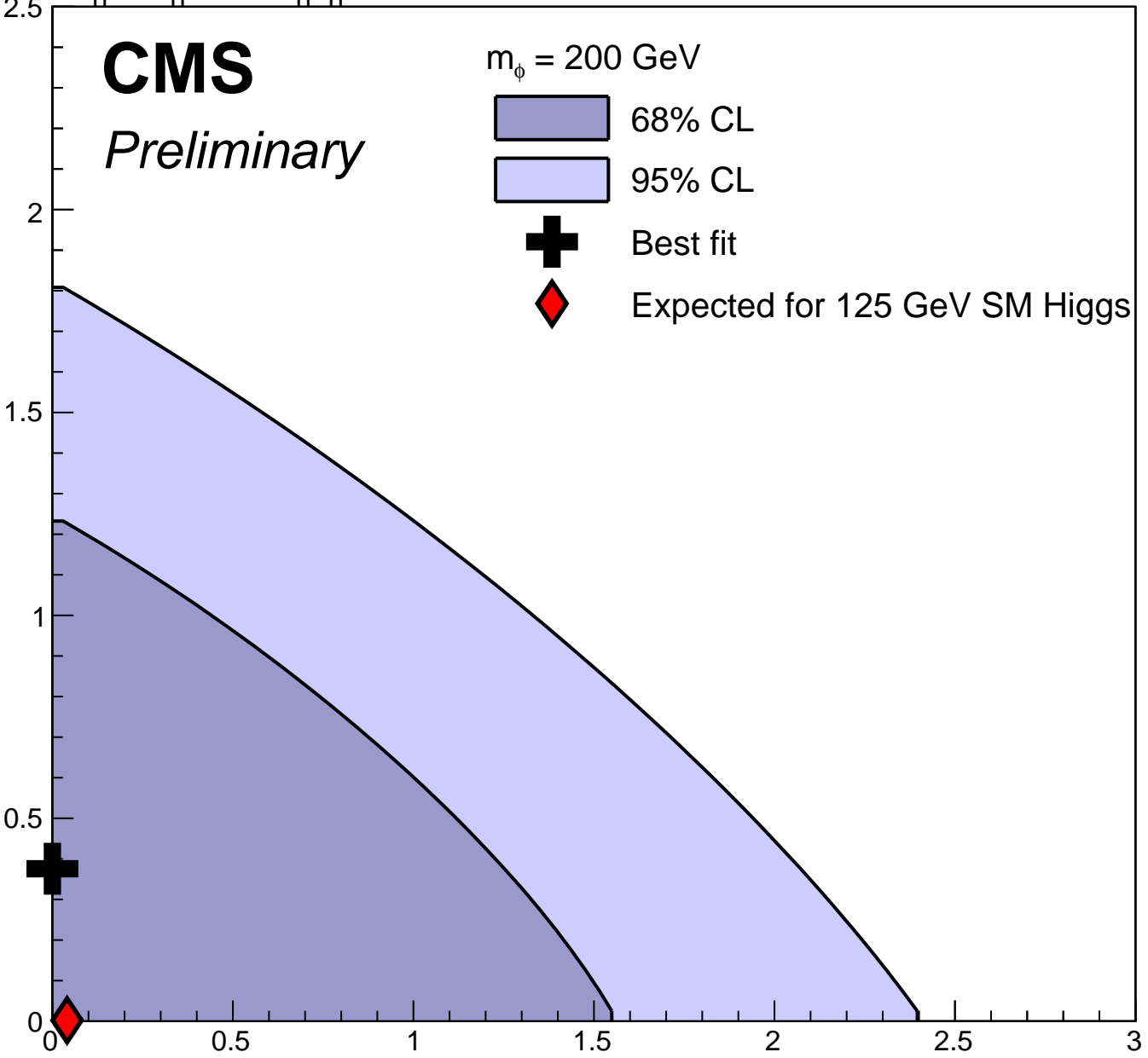


Best fit



Expected for 125 GeV SM Higgs

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



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