

$\mu\tau_h + e\tau_h + e\mu + \tau_h\tau_h$

CMS

Preliminary

$m_\phi = 90$ GeV

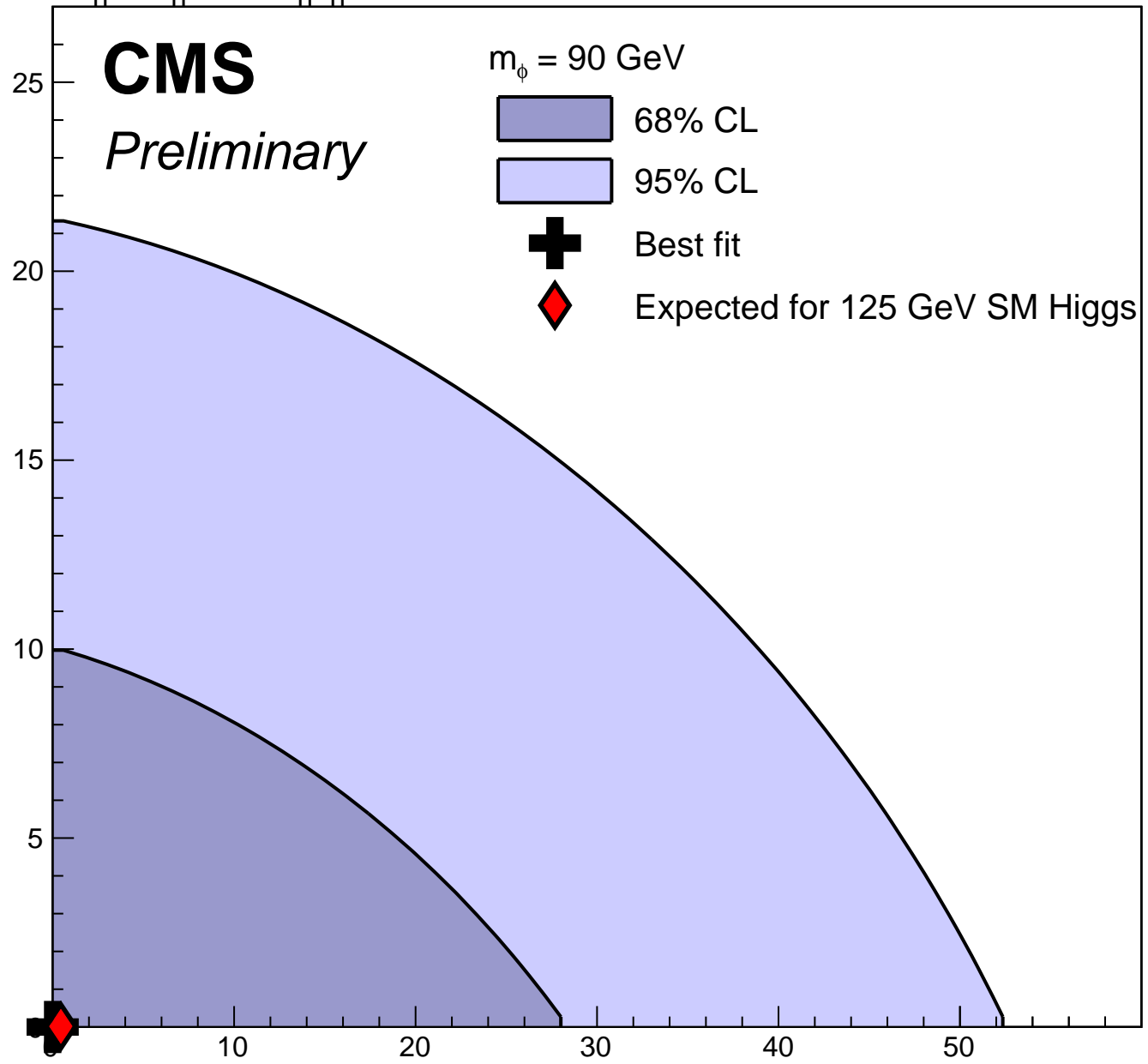
68% CL

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)