

CMS Preliminary,  $H \rightarrow \tau\tau$ ,  $L = 19.7 \text{ fb}^{-1}$  at 8 TeV

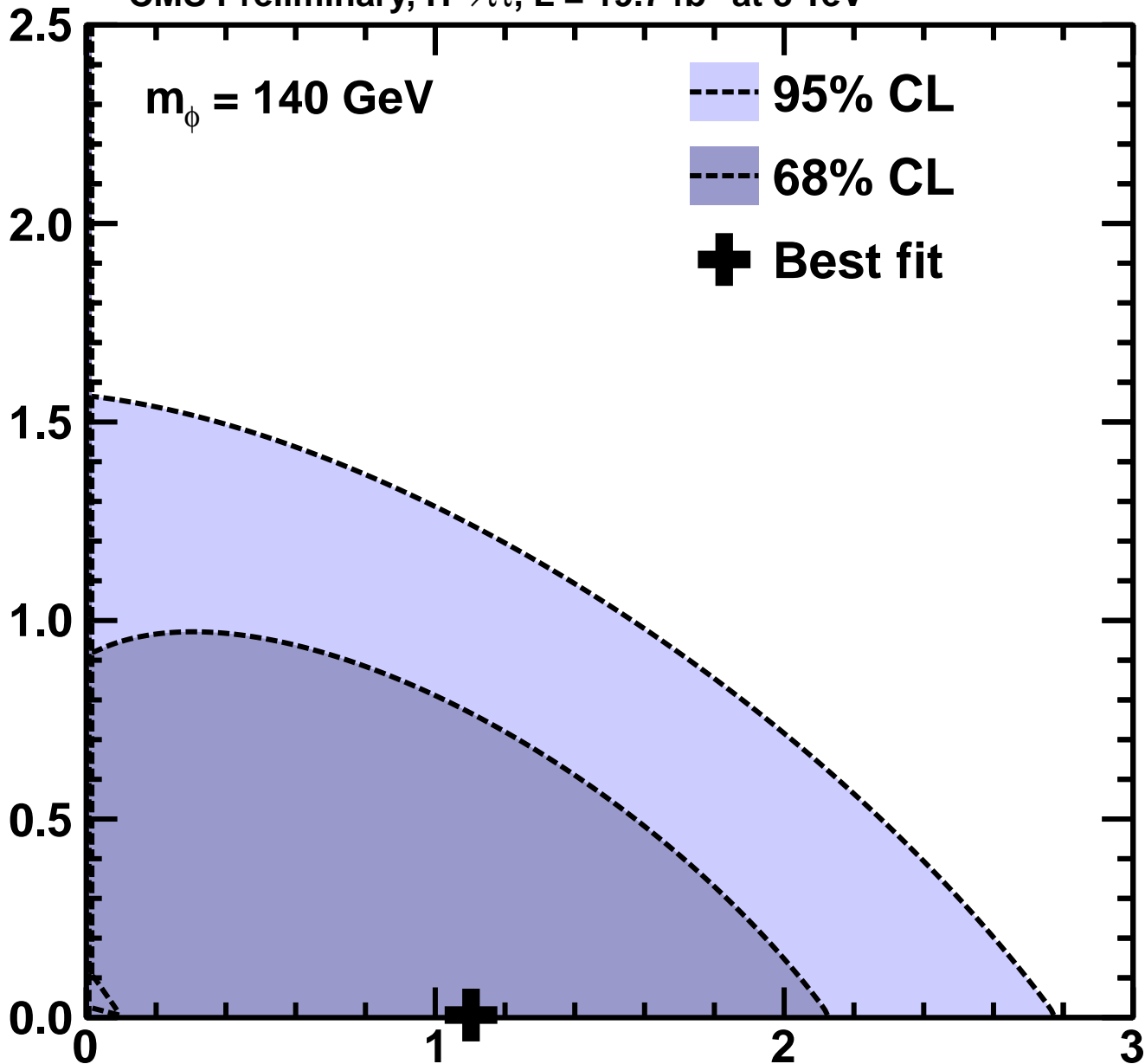
$m_\phi = 140 \text{ GeV}$

95% CL

68% CL

Best fit

$\sigma(\text{gg} \rightarrow \text{bb}\phi) \times \text{BR}(\tau\tau) \text{ [pb]}$



$\sigma(\text{gg} \rightarrow \phi) \times \text{BR}(\tau\tau) \text{ [pb]}$