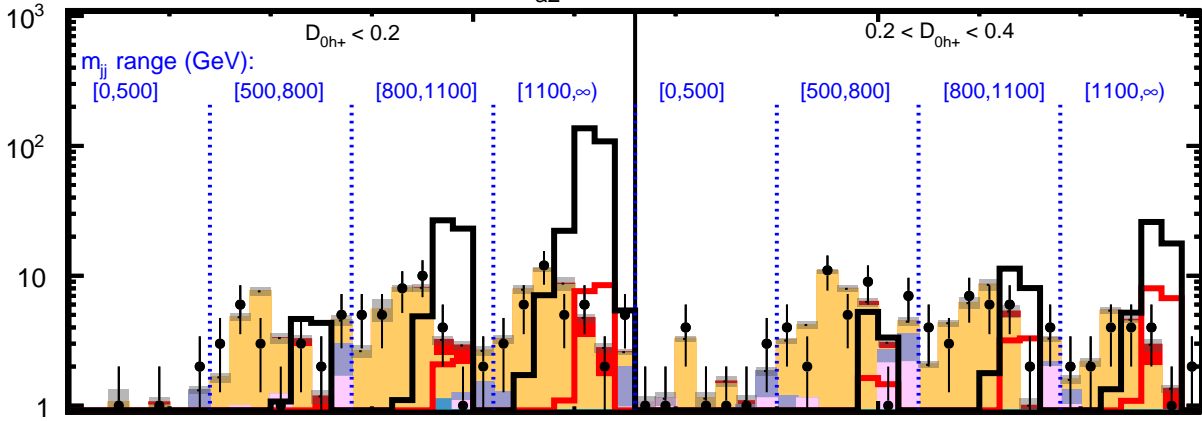


CMS

VBF, $\tau_h \tau_h$, f_{a2} extraction

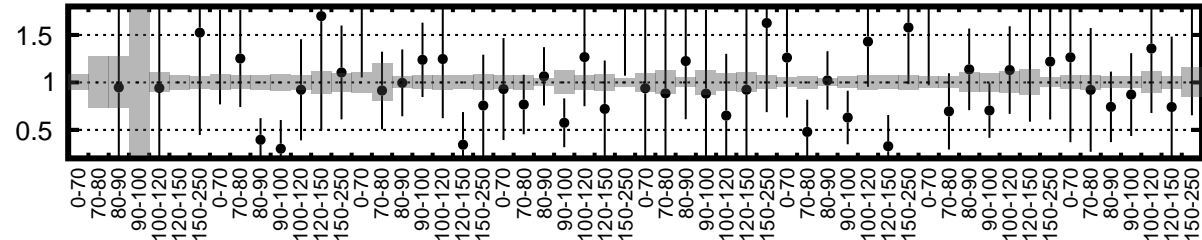
35.9 fb⁻¹ (13 TeV)

Events/bin



- ◆ Observed
- H → $\tau\tau$
- Z → $\tau\tau$
- Z → $\mu\mu/ee$
- $t\bar{t}$ +jets
- QCD multijet
- W+jets
- Others
- Total unc.
- SM VBF H → $\tau\tau$
($\sigma = 10 \sigma_{SM}$)
- BSM VBF H → $\tau\tau$
($\sigma = 10 \sigma_{SM}$)

Obs./Exp.



$m_{\tau\tau}$ (GeV)