

2HDM type-II, $m_A = m_H = 300$ GeV

95% CL Excluded:

Observed $\pm 1\sigma$ Expected

Expected $\pm 2\sigma$ Expected

CMS

$H \rightarrow hh \rightarrow bb\tau\tau + A \rightarrow Zh \rightarrow \ell\ell\tau\tau$

19.7 fb⁻¹ (8 TeV)

