

138 fb^{-1} (13 TeV)

CMS

$t\bar{t}\phi(\rightarrow \tau\tau)$, Pseudoscalar ϕ

$\sigma(t\bar{t}\phi) B(\phi \rightarrow \tau\tau)$ (pb)

10^4
 10^3
 10^2
 10^1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}

- $g_{t\text{PS}} = 0.1, B(\phi \rightarrow \tau\tau) = 1$
- 95% CL upper limits
- Observed
- Median expected
- 68% expected
- 95% expected

50 100 150 200 250 300 350

ϕ mass (GeV)