

$e\tau_h + \mu\tau_h + \tau_h\tau_h$ $m_H = 500$ GeV

137 fb⁻¹ (13 TeV)

CMS

Supplementary

● Observed

--- Expected

68% expected

95% expected

95% CL limit on $\sigma B(H \rightarrow h(\tau\tau) h_s(bb))$ (pb)

10²
10
1
10⁻¹
10⁻²
10⁻³
10⁻⁴

70 100 200 300 400

m_{h_s} (GeV)

