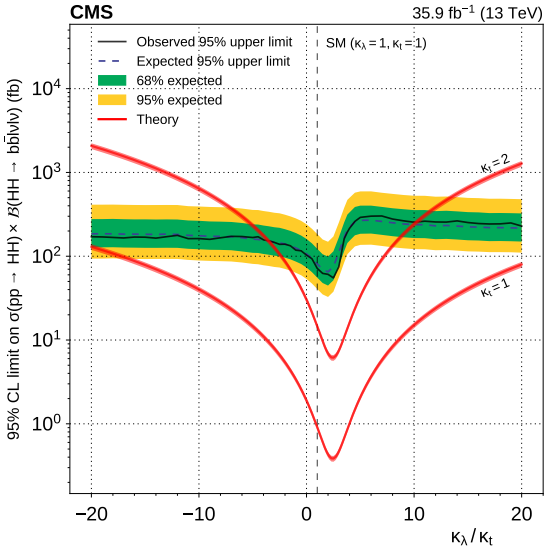
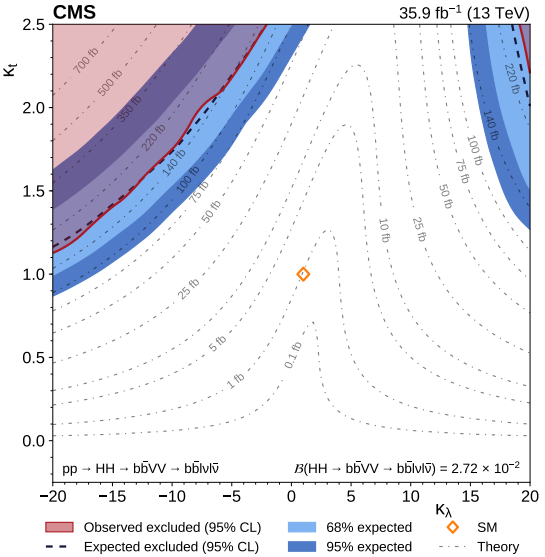

CMS
35.9 fb^{-1} (13 TeV)
Observed 95% upper limit
Expected 95% upper limit
68% expected
95% expected
Theory
SM ($\kappa_\lambda = 1, \kappa_t = 1$)
$\kappa_t = 2$
$\kappa_t = 1$
95% CL limit on $\sigma(pp \to HH) \times \mathcal{B}(HH \to b\bar{b}l\nu l\nu)$ (fb)
$\kappa_\lambda / \kappa_t$


CMS
35.9 fb^{-1} (13 TeV)
κ_t
κ_λ
700 fb
500 fb
350 fb
220 fb
140 fb
100 fb
75 fb
50 fb
25 fb
10 fb
5 fb
1 fb
0.1 fb
$pp \to HH \to b\bar{b}VV \to b\bar{b}l\nu l\bar{\nu}$
$\mathcal{B}(HH \to b\bar{b}VV \to b\bar{b}l\nu l\bar{\nu}) = 2.72 \times 10^{-2}$
Observed excluded (95% CL)
Expected excluded (95% CL)
68% expected
95% expected
SM
Theory