

CMS Phase-2

3000 fb⁻¹ (14 TeV)

$\sigma(gg \rightarrow HH)$ [fb]

Simulation Preliminary

Assumes no HH signal

95% CL upper limits - Median expected

● $b\bar{b}b\bar{b}$

● $b\bar{b}\tau\tau$

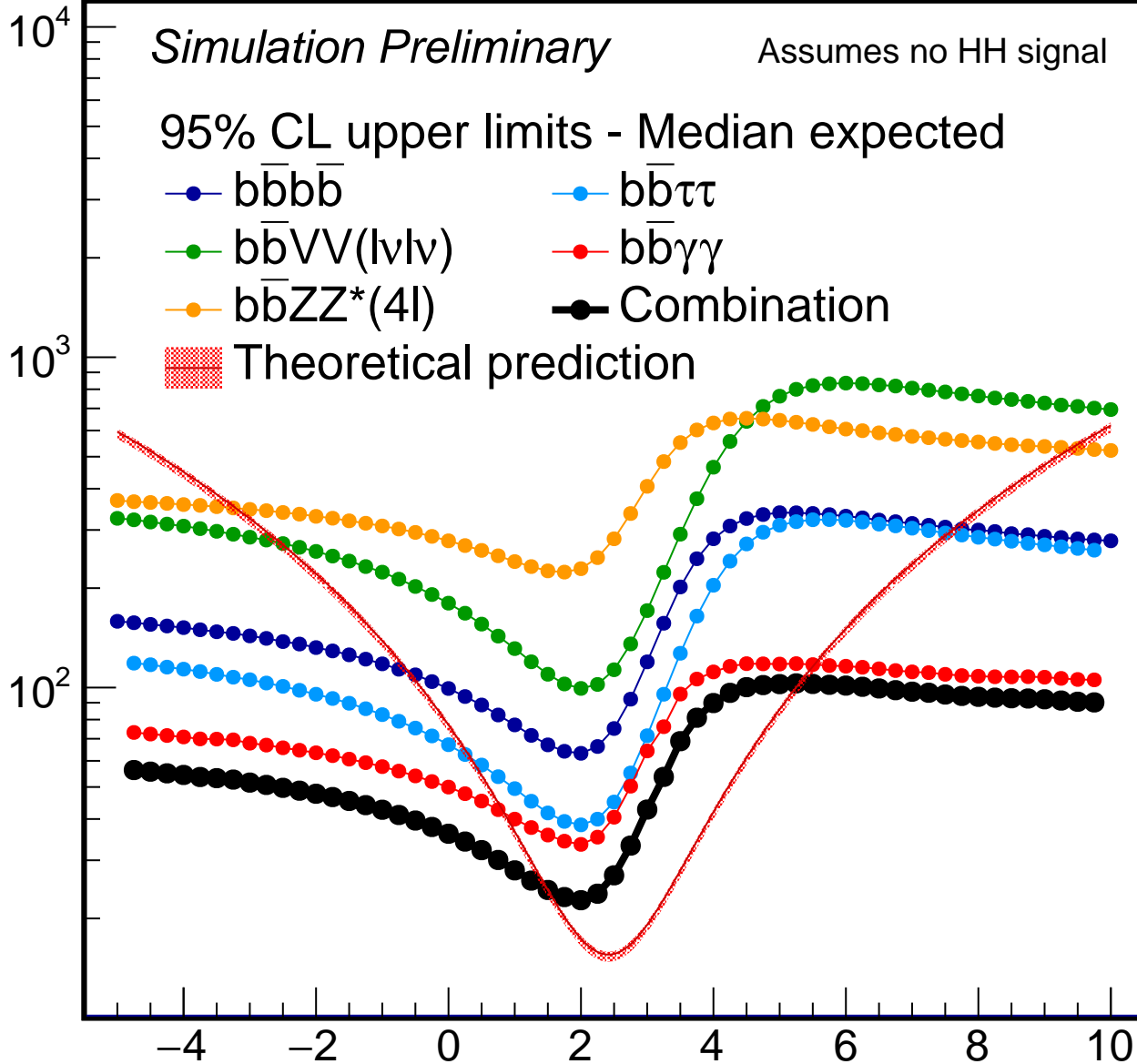
● $b\bar{b}VV(l\nu l\nu)$

● $b\bar{b}\gamma\gamma$

● $b\bar{b}ZZ^*(4l)$

● Combination

▨ Theoretical prediction



κ_λ