

35.9 fb^{-1} (13 TeV)

m_A (GeV)

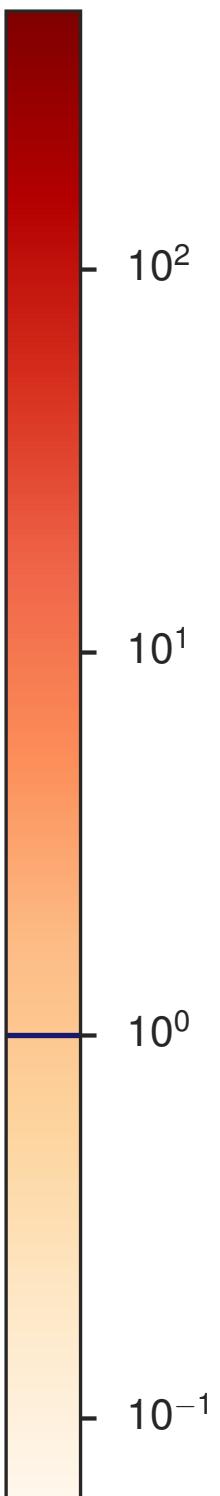
CMS

Z'-2HDM, $h \rightarrow b\bar{b}$

$\tan \beta = 1.0, g_Z = 0.8, m_\chi = 100 \text{ GeV}, m_{H/H^\pm} = m_A$

$m_{Z'} \text{ (GeV)}$

95% C.L. upper limit on $\mu = \sigma / \sigma_{\text{theor.}}$



+1 std. dev.

-1 std. dev.

observed

expected