

138 fb⁻¹ (13 TeV)

Events / 6 GeV

CMS

$\mu, \text{bL}, \text{LP}$

 Data

 Fit unc.

 1 TeV $X_{\text{spin-0}}$

 3 TeV $X_{\text{spin-0}}$

$\sigma B(X \rightarrow \text{HH}) = 0.2 \text{ pb}$

 q/g bkg.

 Lost t/W bkg.

 m_W bkg.

 m_t bkg.

400

300

200

100

0

Data / fit

1.5

0.5

40 60 80 100 120 140 160 180 200
 $m_{b\bar{b}}$ [GeV]

