

138 fb<sup>-1</sup> (13 TeV)

Events / 6 GeV

**CMS**

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

 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.

40

30

20

10

0

Data / fit

1.5

0.5

$m_{b\bar{b}}$  [GeV]

