

35.9 fb⁻¹ (13 TeV)

Events / 100 GeV

CMS

e, bM, HP

Data

Fit unc.

 m_t bkg.

Lost t/W bkg.

1 TeV $X_{\text{spin-0}}$ $\sigma B(X \rightarrow HH) = 0.2$ pb m_W bkg.

q/g bkg.

2.5 TeV $X_{\text{spin-0}}$ 10³10²

10

1

10⁻¹

Data / fit

3

2.5

2

1.5

1

0.5

1000 1500 2000 2500 3000 3500 4000

 m_{HH} [GeV]