

138 fb⁻¹ (13TeV)

Events/bin

CMS

⊕ Data

tt̄

Multijet

Total bkg.
uncertainty

— M_X=1600 GeV

— M_Y=150 GeV

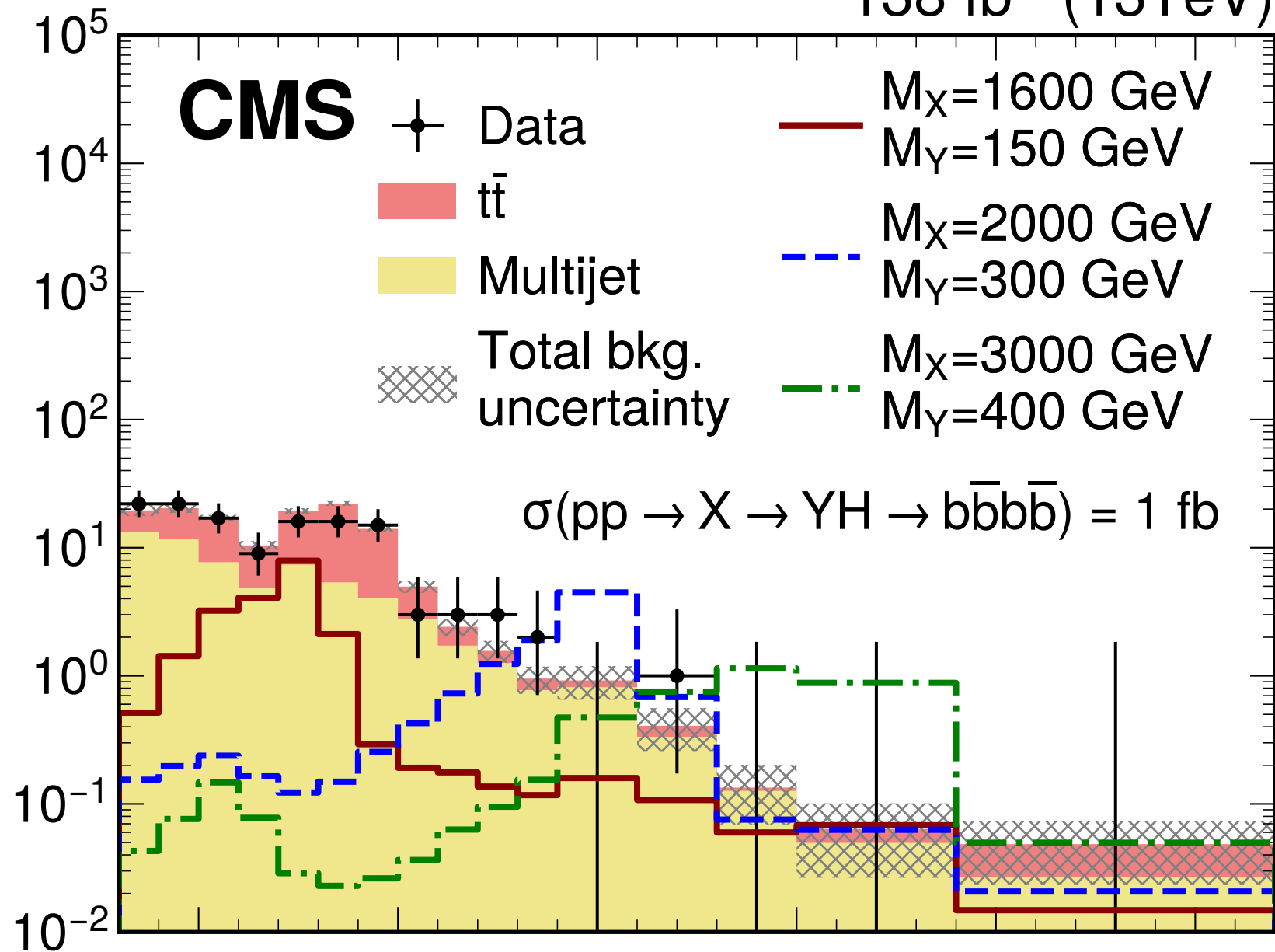
— M_X=2000 GeV

— M_Y=300 GeV

— M_X=3000 GeV

— M_Y=400 GeV

$\sigma(pp \rightarrow X \rightarrow YH \rightarrow b\bar{b}b\bar{b}) = 1 \text{ fb}$



Pulls

1
0
-1

100

200

300

400

500

600

M_Y [GeV]