

5.1 fb⁻¹ (7 TeV), 19.7 fb⁻¹ (8 TeV), 138 fb⁻¹ (13 TeV)

σ_{fid} (fb)

CMS

■ LHC Run 1 data (stat ⊕ syst)

● LHC Run 2 data (stat ⊕ syst)

— Systematic uncertainty

▨ Standard model (minloHJ, $m_H = 125.00$ GeV)

▨ Standard model (NNLOPS, $m_H = 125.38$ GeV)

6

5

4

3

2

1

0

pp → (H → 4l) + X

6

7

8

9

10

11

12

13

14

\sqrt{s} (TeV)