

5.1 fb⁻¹ (7 TeV), 19.7 fb⁻¹ (8 TeV), 35.9 fb⁻¹ (13 TeV)

σ_{fid} [fb]

CMS Preliminary

• Data (stat. \oplus sys. unc.)

— Systematic uncertainty

Standard model ($m_{\text{H}} = 125$ GeV, N³LO $gg \rightarrow \text{H}$)

6

5

4

3

2

1

0

pp \rightarrow (H \rightarrow 4l) + X

6

7

8

9

10

11

12

13

14

\sqrt{s} (TeV)

