

95% CL Limit on $\sigma/\sigma_{\text{TH}}$

ATLAS Preliminary

4th generation model

$\sqrt{s}=7$ TeV

$\int L dt \sim 35 \text{ pb}^{-1}$

Excluded

10

1

10^{-1}

100

200

300

400

500

600

m_H [GeV]

- Observed PCL
- Observed, before PCL
- Expected PCL
- $\pm 1\sigma$ PCL
- $+2\sigma$ PCL
- Observed CLs
- Expected CLs
- CMS exclusion
- Tevatron exclusion