

$-2\ln\Lambda$

**ATLAS**

$\sqrt{s} = 7 \text{ TeV} \quad \int \mathcal{L} dt = 4.5 \text{ fb}^{-1}$

$H \rightarrow ZZ^* \rightarrow 4l$

$\sqrt{s} = 8 \text{ TeV} \quad \int \mathcal{L} dt = 20.3 \text{ fb}^{-1}$

$\mu_{\text{VBF+VH}} \times B/B_{\text{SM}} = 0.3^{+1.6}_{-0.9}$

$m_H = 125.36 \text{ GeV}$

4

3

2

1

0

-1

0

1

2

3

4

$\mu_{\text{VBF+VH}} \times B/B_{\text{SM}}$

