

13000 GeV pp

 $t\bar{t}$ $t\bar{t}H\bar{H}$ (ATLAS semileptonic $t\bar{t}b\bar{a}$)

■ ATLAS

◆ Sherpa 1.2.3 default

 $1/\sigma d^2\sigma / dN^{\text{jets}} dH_T^{\text{tbar}\{t\}} \text{ [1/GeV]}$

Rivet 3.1.10, 100k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

 $H_T^{\text{tbar}\{t\}} \text{ [GeV]}, N^{\text{jets}} = 6$ 