

13000 GeV pp

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

■ ATLAS

◆ Sherpa 2.2.0 default

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

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

0 500 1000 1500 2000

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