

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default

 $1/\sigma d^2\sigma / dN^{\text{jets}} dH_T^{\{t\bar{t}b\bar{b}\}} [1/\text{GeV}]$ Rivet 3.1.10,  $\geq 2.8\text{M events}$ 

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1750330

Ratio to ATLAS

2

1

0.5

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