

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

 $1 / \sigma \, d^2\sigma / d N_{\text{jets}}^{\text{fj}} \, d H_T^{t\bar{t}} \, [1/\text{GeV}]$ 10^{-3} 10^{-4} 10^{-5} 10^{-6}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

500

1000

1500

2000

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