

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.315 default

 $1/\sigma d^2\sigma / dN^{fjets} d|y^{t\bar{t}}|$

0.18

0.16

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0

2

1

0.5

0

0

0

0

0

0

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

0

0

0

0

0

0

0

Ratio to ATLAS

 $|y^{t\bar{t}}| N^{fjets} \geq 7$