

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

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

 $1 / \sigma d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/\text{GeV}]$

Ratio to ATLAS

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0.8, 1.2]$ 