

7000 GeV pp

 $t\bar{t}$ $t\bar{t}$ cross-section vs. 1st jet $\{p\}_T$ $d\sigma/dp\}_{T^1}$ [pb/GeV]

1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}

- ATLAS
- Herwig 7.2.1 default
- △--- Pythia 6.428 370
- ▲--- Pythia 8.135 default
- ◆--- Sherpa 2.2.5 default

(ATLAS_2014_I1304688)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.5

2
1
0.5

0

500

1000

1st jet $\{p\}_T$ [GeV]