

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 8.165 default

(ATLAS_2014_I1304688)

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

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