

7000 GeV pp

 $t\bar{t}$  $t\bar{t}$  cross-section vs. 3<sup>rd</sup> jet  $\{p\}_T$  $d\sigma/dp\}_{t\bar{t}}$  [pb/GeV]

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2014\_I1304688)

■ ATLAS

— Pythia 8.313 CP5

Ratio to ATLAS

2

1

0.5

0

200

400

3<sup>rd</sup> jet  $\{p\}_T$  [GeV]