

7000 GeV pp

 $t\bar{t}$  $t\bar{t}$  cross-section vs. 1<sup>st</sup> jet  $\{p\}_T$  $d\sigma/dp\}_{T^1}$  [pb/GeV] $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$ 

- ATLAS
- Herwig 7.2.1 default
- △--- Pythia 6.428 370
- ▲--- Pythia 8.315 default
- ◆--- Sherpa 2.2.5 default

(ATLAS\_2014\_I1304688)

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.52  
1  
0.50 500 1000  
1<sup>st</sup> jet  $\{p\}_T$  [GeV]