

7000 GeV pp

Jets

 $H_T$  (jets) (anti- $k_T(0.4)$ ,  $N_{\text{jet}} \geq 4$ ) $d\sigma(N_{\text{jet}} \geq 4) / dH_T$  [pb/GeV]

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.180 default
- ◆ Sherpa 2.2.9 default

 $10^2$   
 $10$   
 $1$   
 $10^{-1}$ Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9128077

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

500

1000

 $H_T$  [GeV]