

7000 GeV pp

Jets

HT (anti- $k_T(0.4)$ ,  $N_{\text{jet}} \geq 2$ ) $d\sigma(N_{\text{jet}} \geq 2) / dH_T$  [pb/GeV]Rivet 3.1.0,  $\geq 5.6\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.183 default
- - ◆ Sherpa 1.4.2 default

ATLAS\_2011\_S9128077

Ratio to ATLAS

 $2$   
 $1$   
 $0.5$ 
 $2$   
 $1$   
 $0.5$ 

0

500

1000

 $H_T$  [GeV]

1500

