

7000 GeV pp

Jets

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

$10^2$   
 $10$   
 $1$   
 $10^{-1}$

■ ATLAS

—● Alpgen+Py6 2.1.4\_6.426 z2-CTEQ6L1

- -◆ Sherpa 2.1.1 default

ATLAS\_2011\_S9128077

Rivet 3.1.0,  $\geq 21k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

$2$   
 $1$   
 $0.5$

$2$   
 $1$   
 $0.5$

500

1000

 $H_T$  [GeV]