

7000 GeV pp

 $t\bar{t}$ Differential jet shape  $p_T$  (b-jets,  $p_T > 30$ ,  $|\eta| < 2.5$ ) $p(r)$ 

14

12

10

8

6

4

2

0

Rivet 3.1.0,  $\geq 2.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS

Herwig 7.0.4 default

Pythia 8.201 default

Sherpa 1.2.3 default

ATLAS\_2013\_I1243871

Ratio to ATLAS

2

1

0.5

0.5

0

0.1

0.2

0.3

0.4

 $r$