

7000 GeV pp

 $t\bar{t}$ Differential jet shape $p$  (b-jets,  $p_T > 40$ ,  $|\eta| < 2.5$ ) $\rho(r)$ 

16

14

12

10

8

6

4

2

0

Rivet 3.1.0,  $\geq 6.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS

Herwig 7.0.0 default

Pythia 8.135 default

Sherpa 1.4.2 default

ATLAS\_2013\_IHEP-14-071

Ratio to ATLAS

2

1

1

1

0.5

0

0.1

0.2

0.3

0.4

 $r$