

7000 GeV pp

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

14

12

10

8

6

4

2

2

2

1

0.5

Rivet 3.1.0,  $\geq 7.1M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS

Pythia 8.240 default

Pythia 8.240 tune-1

Pythia 8.240 tune-2c

Pythia 8.240 tune-2m

ATLAS\_2013\_I1243871

Ratio to ATLAS

0

0.1

0.2

0.3

0.4

 $r$