

7000 GeV pp

W

Jet  $p_T$  (( $E_{Tj} > 20, |\eta_j| < 2.8, E_{T\mu} > 20, |\eta_\mu| < 2.4, p_T^{\# \nu} > 25, M_T > 40, \Delta R_{\mu j} > 0.5$ ))

■ ATLAS

—▲ Pythia 8.315 default

- -● Pythia 8.315 tune-2c

...○ Pythia 8.315 tune-2m

 $10^2$ 

10

1

(ATLAS\_2010\_I882534)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

50

100