

7000 GeV pp

W

Jet multiplicity ($(E_{Tj} > 20, |\eta_j| < 2.8, E_{Te} > 20, |\eta_e| < 2.47, p_T^{\# \nu} > 25, M_T > 40, \Delta R_{\mu j} > 0.5)$)

- ATLAS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

 $\sigma(W + \geq N_{\text{jet}}) [\text{pb}]$ 10^5
 10^4
 10^3
 10^2
 10 Rivet 3.1.10, $\geq 2.6 \text{M events}$
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8919674

Ratio to ATLAS

2
1
0.52
1
0.5

0

1

2

3

 N_{jet} 