

7000 GeV pp

W

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

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8919674

Ratio to ATLAS

2

1

0.5

 $p_T(1st\ jet) [GeV]$ $d\sigma/dp_T [pb/GeV]$ 10^2

10

1

2

1

0.5

50

100