

7000 GeV pp

Jets

anti- k_T jets, $R=1.0$, $400 \text{ GeV} < p_T < 500 \text{ GeV}$

- ATLAS
- - ■ Pythia 6.425 default
- - ☆ Pythia 6.425 pro-q2o

 $1/\sigma \, d\sigma/d\sqrt{d_{12}} \, [\text{GeV}^{-1}]$ 10^{-2} 10^{-3}

(ATLAS_2012_I1094564)

Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

50

100

 $\sqrt{d_{12}} \, [\text{GeV}]$ 