

7000 GeV pp

Jets

anti- k_T jets, $R=1.0$, $300 \text{ GeV} < p_T < 400 \text{ GeV}$

- ATLAS
- - ■ Pythia 6.427 359
- - △ Pythia 6.427 370
- - ▲ Pythia 6.427 a
- - ▼ Pythia 6.427 dw
- - ○ Pythia 6.427 p0
- - ☆ Pythia 6.427 pro-q20

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

(ATLAS_2012_I1094564)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

50

100

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