

7000 GeV pp

Jets

Splitting scale $\sqrt{d_{12}}$ (anti- k_T (1.0), $200 < p_T < 300$, $|y| < 2.0$)

- ATLAS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

Rivet 3.1.0, $\geq 7.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma d\sigma/d\sqrt{d_{12}} \text{ [GeV}^{-1}]$ 0.1
0.08
0.06
0.04
0.02

0 50 100

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

Ratio to ATLAS

1
2
3
4
5
6
7
8
90.5
1
2
3
4
5
6
7
8
9

50

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

ATLAS_2012_I1094564