

7000 GeV pp

Jets

Splitting scale $\sqrt{d_{12}}$ (anti- k_T (1.0), $300 < p_T < 400$, $|y| < 2.0$)

ATLAS

POWHEG BOX r3744 default

Pythia 8.212 default

Rivet 3.1.10, ≥ 400 k events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

 $1/\sigma d\sigma/d\sqrt{d_{12}} \text{ [GeV}^{-1}]$ 0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.012
1

0.5

0

50

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

ATLAS_2012_I1094564

Ratio to ATLAS

0

0.5

1

0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01

50

100