

7000 GeV pp

Jets

Splitting scale $\sqrt{d_{23}}$ (anti- k_T (1.0), $200 < p_T < 300$, $|y| < 2.0$)

ATLAS

Herwig 7.2.0 default

Pythia 8.230 default

Sherpa 1.4.2 default

Rivet 3.1.0, $\geq 5.8M$ events

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma d\sigma/d\sqrt{d_{23}} \text{ [GeV}^{-1}]$

0.25

0.2

0.15

0.1

0.05

0.02

0.01

0.005

0.002

0

ATLAS_2012_I1094564

Ratio to ATLAS

 $\sqrt{d_{23}} \text{ [GeV]}$

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20

30

40

0

10

20