

7000 GeV pp

Jets

Gap fraction vs Veto scale(FB) ( $210 < pT < 240$ ,  $4 < \Delta y < 5$ )

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.205 default

Rivet 3.1.0,  $\geq 100$ k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Gap fraction

2.2

2

1.8

1.6

1.4

1.2

1

0.8

0.6

0.4

0.2

0

Ratio to ATLAS

0

50

100

150

 $Q_0$  [GeV]

0.5

1

2

0.5

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20