

Gap fraction

Gap fraction vs Veto scale(LJ) ($120 < p_T < 150$, $4 < \Delta y < 5$)

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.308 default

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

-0.2

-0.4

-0.6

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9126244

Ratio to ATLAS

2

1.5

1

0.5

2

1.5

1

0.5

50

100

 Q_0 [GeV]