

Gap fraction

Gap fraction vs Veto scale(LJ) ( $120 < p_T < 150$ ,  $2 < \Delta y < 3$ )

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- · · ☆ · · · Pythia 6.428 pro-q2o

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

ATLAS\_2011\_S9126244

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

50

100

 $Q_0$  [GeV]