

Gap fraction

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

- ATLAS
- \*- Pythia 6.428 355
- ...□ Pythia 6.428 356
- △ Pythia 6.428 370
- \* Pythia 6.428 379
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

1.2

1.4

1.6

1.8

2

0.2

0.4

0.6

0.8

1

ATLAS\_2011\_S9126244

Ratio to ATLAS

0.5

1

2

0

50

100

150

200

 $Q_0$  [GeV]Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5