

7000 GeV pp

Jets

Gap fraction vs Δy (FB) ($150 < p_T < 180$)

Gap fraction

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

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2011_S9126244

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 