

7000 GeV pp

Jets

Gap fraction

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

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

■ ATLAS
 △ Pythia 6 (370:P2012)
 □ Pythia 6 (391:ICT6L)
 ▣ Pythia 6 (Def)
 ☆ Pythia 6 (129:Pro-Q20)

ATLAS_2011_S9126244

Pythia 6.428

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

0.5

1

2

0

2

4

6

 $|\Delta y|$ 