

7000 GeV pp

Jets

Gap fraction

Gap fraction vs Δy (FB) ($240 < p_T < 270$ ($Q_0 = \bar{p}_T$))

- ATLAS
- ▲ Pythia 8 (Def)
- ◆ Pythia 8 (A2)
- ▼ Pythia 8 (AU2)
- ▲ Pythia 8 (AZ)

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

ATLAS_2011_S9126244

Pythia 8.212

Rivet 2.4.0, $\geq 100k$ events

mcplots.cern.ch

Ratio to ATLAS

2
1
0.5×2
+50%
+20%
+10%
-10%
-20%
-50%

0

2

4

6

 $|\Delta y|$ 