

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $240 < \sqrt{s} < 270$, Fwd/Bwd $Q_0 = \sqrt{s}$

Gap fraction

- ATLAS
- POWHEG BOX r3744 default
- ▲ Pythia 8.135 default

2.5
2
1.5
1
0.5
0

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.5
00 2 4 6
 $|\Delta y|$ 2
1
0.5
0