

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $180 < \sum \overline{P}_T < 210$, Fwd/Bwd $Q_0 = \sum \overline{P}_T$

Gap fraction

- ATLAS
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

2.5

2.0

1.5

1.0

0.5

0

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

0

2

4

6

$|\Delta y|$

2

1

0.5

