

7000 GeV pp

Jets

Gap fraction vs Δy (FB) ($150 < p_T < 180$ ($Q_0 = \overline{p_T}$))

Gap fraction

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-AU2
- -◇ Pythia 8.308 tune-AU2lox
- -□ Pythia 8.308 tune-AU2lox
- -★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9126244

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 