

7000 GeV pp

Jets

Gap fraction vs  $\Delta y$  (LJ) ( $90 < p_T < 120$ )

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

ATLAS\_2011\_S9126244

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 