

7000 GeV pp

Soft QCD

Multiplicity λ_0^0 (charged only) (track jets)

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

1
 10^{-1}
 10^{-2}
 10^{-3}

Rivet 3.1.10, ≥ 1.7 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_I919017

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

5

10

15

20

N

0

5

10

15

20

N