

7000 GeV pp

Soft QCD

Multiplicity  $\lambda_0^0$  (charged only) (track jets)

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

Rivet 3.1.10,  $\geq 2.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_I919017

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

10

20

N