

7000 GeV pp

Soft QCD

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

- ATLAS
- ▲ Pythia 8.308 default
- - \* Pythia 8.308 tune-4c
- ... □ Pythia 8.308 tune-4cx

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

Rivet 3.1.10,  $\geq 2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_I919017

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 5 10 15 N

N