

7000 GeV pp

Soft QCD

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

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$

- ATLAS
- Herwig++ 2.7.0 default
- Herwig 7.2.1 default
- ▲ Pythia 8.201 default
- ◆ Sherpa 2.2.9 default

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0

5

10

N

0

5

10

N