

7000 GeV pp

Soft QCD

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

1

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

ATLAS



Pythia 6.425 default



Pythia 6.425 pro-q20

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

15

20

N

0

5

10

15

20

N