

7000 GeV pp

Soft QCD

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

1

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

ATLAS



Pythia 8.308 default



Pythia 8.308 tune-A14-CTEQL1



Pythia 8.308 tune-A14-MSTW2008LO



Pythia 8.308 tune-A14-NNPDF2.3LO



Pythia 8.308 tune-CUETP8S1

ATLAS_2011_I919017

Rivet 3.1.10, ≥ 2.2 M 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