

7000 GeV pp

Soft QCD

Radial profile  $\rho$  (track jets) $10^3$  $10^2$ 

10

1



ATLAS



Pythia 8.170 default



Pythia 8.170 tune-4cx

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

2

1

1

0.5

0.5

Ratio to ATLAS

Charged Particle  $r$ 

0 0.1 0.2 0.3 0.4