

7000 GeV pp

Soft QCD

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

10

1

- ATLAS
- ▲ Pythia 8.170 default
- -▲ Pythia 8.170 default-CD
- ...▲ Pythia 8.170 default-MBR

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

Ratio to ATLAS

1

0.5

2

1

0.5

Charged Particle  $r$ 

0 0.1 0.2 0.3 0.4