

7000 GeV pp

Soft QCD

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

10

1

- ATLAS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 2.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

Charged Particle  $r$ 

0

0.2

0.4

0.6