

7000 GeV pp

Soft QCD

Radial profile  $\rho$  (track jets)Rivet 3.1.10,  $\geq 1.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.308 default

ATLAS\_2011\_I919017

Ratio to ATLAS

10<sup>3</sup>

10<sup>2</sup>

10

1

2

1

0.5

10<sup>3</sup>

10<sup>2</sup>

10

1

2

1

0.5

Charged Particle  $r$ 

0 0.2 0.4 0.6