

7000 GeV pp

Soft QCD

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

10

1

- ATLAS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.308 tune-CUETP8S1

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 2.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

2

2

1

1

0.5

0.5

Ratio to ATLAS

Charged Particle  $r$ 

0

0.2

0.4

0.6