

7000 GeV pp

Soft QCD

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

10

1

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 2.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

2

2

Ratio to ATLAS

0.5

0.5

0

0.2

0.4

0.6

Charged Particle  $r$ 