

7000 GeV pp

Soft QCD

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

10

1



ATLAS



Pythia 8.183 default

ATLAS\_2011\_I919017

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

2

2

Ratio to ATLAS

1

1

0.5

0.5

0

0.1

0.2

0.3

0.4

Charged Particle  $r$ 