

7000 GeV pp

Soft QCD

Radial profile ρ (track jets) 10^3 10^2

10

1



ATLAS



Pythia 6.428 370



Pythia 6.428 atlas-csc



Pythia 6.428 d6t



Pythia 6.428 default



Pythia 6.428 dw



Pythia 6.428 p0

ATLAS_2011_I919017

Rivet 3.1.10, $\geq 1.5\text{M}$ 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