

7000 GeV pp

Soft QCD

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

10

1

- ATLAS
- - - ■ Pythia 6.428 359
- - - △ Pythia 6.428 370
- - - ▲ Pythia 6.428 a
- - - ▼ Pythia 6.428 dw
- - - ○ Pythia 6.428 p0
- - - ☆ Pythia 6.428 pro-q2o

ATLAS\_2011\_I919017

Rivet 3.1.10,  $\geq 2.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

2

2

Ratio to ATLAS

0.5

0.5

0

0.1

0.2

0.3

0.4

Charged Particle  $r$ 