

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 2, p_T > 0.1 \text{ GeV}$)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ★·· Pythia 6.428 pro-q2o

Rivet 3.1.10, $\geq 1.6M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

 $1/N_{ev} dN_{ch}/d\eta$

12

10

8

6

4

2

2

1

0.5

Ratio to ATLAS

-2

0

2

 η