

7000 GeV pp

Soft QCD

Charged Particles Distribution ($N_{\text{ch}} > 20, p_{\text{T}} > 0.1 \text{ GeV}$) $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$

- ATLAS
- *- Pythia 6.427 355
- *- Pythia 6.427 356
- *- Pythia 6.427 370
- *- Pythia 6.427 379
- *- Pythia 6.427 ambt1
- *- Pythia 6.427 z2

Rivet 3.1.0, $\geq 7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

0.5

1

2

4

6

8

10

12

14

16

18

0.5

1

2

-2

0

2

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