

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 2, p_{\text{T}} > 0.1 \text{ GeV}$) $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$

Ratio to ATLAS

Ratio to ATLAS

 η η

- ATLAS
- *- Pythia 6.428 355
- ...□ Pythia 6.428 356
- △ Pythia 6.428 370
- * Pythia 6.428 379
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

ATLAS_2010_S8918562

Rivet 3.1.10, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

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