

7000 GeV pp

Soft QCD

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ Charged Particles Distribution ( $N_{\text{ch}} > 6, p_{\text{T}} > 0.5 \text{ GeV}$ )

- ATLAS
- △ Pythia 6.425 ambt1
- ⋯● Pythia 6.425 z1
- Pythia 6.425 z2

Rivet 3.1.0,  $\geq 6.5\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

0.5

2

1

-2

0

2

 $\eta$ 

0.5

2

1