

7000 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{\text{ch}} > 1, p_{\text{T}} > 0.5 \text{ GeV}$ )

- ATLAS
- ▲ Pythia 8.308 default
- ◆ Sherpa 1.3.0 default

Rivet 3.1.10,  $\geq 400\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

 $\eta$ 