

900 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{ch} > 1, p_T > 0.1 \text{ GeV}$ ) $1/N_{ev} dN_{ch}/d\eta$ 8  
7  
6  
5  
4  
3  
2

- ATLAS
- Herwig 7.2.0 default
- ▲- Pythia 8.183 default
- ♦··· Sherpa 1.4.3 default

ATLAS\_2010\_S8918562

Rivet 3.1.0,  $\geq 5.5M$  events

2

0.5

Ratio to ATLAS

0.5

-2 0 2

 $\eta$ 

0

