

7000 GeV pp

Soft QCD

 $dN/d\eta$ Charged Particle  $\eta$  Distribution ( $N_{ch} > 0, p_T > 0.04$  GeV)

- TOTEM
- ◆ Sherpa 1.2.3 default

8  
7  
6  
5  
4  
3  
2  
1  
0

Rivet 3.1.0, 7.5M events  
mcplots.cern.ch [arXiv:1306.3436]

TOTEM\_2012\_I1115294

Ratio to TOTEM

2  
1  
0.5

2  
1  
0.5

5.5

6

 $|\eta|$ 