

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 0, p_{\text{T}} > 0.04 \text{ GeV}$)

■ TOTEM
—▲ Pythia 8.308 default

 $dN/d\eta$ 8
7
6
5
4
3
2
1
0Rivet 3.1.10, 2.8M events
mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1115294

Ratio to TOTEM

2
1
0.52
1
0.5 $|\eta|$

5.5

6