

Charged Particles Distribution ( $N_{ch} > 0, p_T > 0.04$  GeV)

- TOTEM
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.308 default

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

TOTEM\_2012\_I1115294

2

2

Ratio to TOTEM

1  
0.51  
0.5

5.5

6

 $|\eta|$ 