

7000 GeV pp

Soft QCD

Charged particle η at 7 TeV, track $p_T > 40$ MeV, for $N_{ch} \geq 1$

- TOTEM
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ◆- Sherpa 2.1.1 default

 $dN/d\eta$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(TOTEM_2012_I1115294)

Ratio to TOTEM

2

1

0.5

 η

5.5

6