

7000 GeV pp

NSD

Charged Particle  $\eta$  Distribution (CMS)

- CMS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2010\_S8656010

Ratio to CMS

2

1

0.5

 $\eta$ 