

7000 GeV pp

Soft QCD

Intrajet ring p_T density, $10 < N_{ch} \leq 30$ ρ

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.235 default
- ◆- Sherpa 2.2.4 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2013_I1261026)

Ratio to CMS

 ρ

2

1

0.5

2

1

0.5

R

0 0.1 0.2 0.3 0.4