

7000 GeV pp

Soft QCD

 ρ Intrajet ring p_T density, $110 < N_{ch} \leq 140$

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 1.3.0 default

0.5

0.4

0.3

0.2

0.1

0

2

Ratio to CMS

1

0.5

0

0.1

0.2

0.3

0.4

R

(CMS_2013_I1261026)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5