

7000 GeV pp

Soft QCD

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.135 default
- ◆- Sherpa 2.2.9 default

0.5

0.4

0.3

0.2

0.1

0

(CMS\_2013\_I1261026)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

0

2

2

Ratio to CMS

0.5

1

2

0

0.1

0.2

0.3

0.4

R

