

7000 GeV pp

Soft QCD

Intrajet ring  $p_T$  density,  $80 < N_{ch} \leq 110$  $\rho$ 

0.5

0.4

0.3

0.2

0.1

0



CMS

---○--- Herwig++ 2.5.2 default

---□--- Herwig 7.2.1 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1261026)

Ratio to CMS

2

1

0.5

2

1

0.5

R

