

7000 GeV pp

Soft QCD

 ρ

0.6

0.5

0.4

0.3

0.2

0.1

0

Intrajet ring p_T density, $50 < N_{ch} \leq 80$

- CMS
- +— Epos 1.99.crmc.1.2 lhc
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.315 default
- ⋯ ◆ Sherpa 2.2.9 default

(CMS_2013_I1261026)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

2

Ratio to CMS

1

0.5

1

0.5

0

0.1

0.2

0.3

0.4

R

