

7000 GeV pp

Soft QCD

 ρ Intrajet ring p_T density, $30 < N_{ch} \leq 50$

- CMS
- ⊕ Epos 1.99.crmc.1.2 lhc
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2013_I1261026)

 ρ

Ratio to CMS

 ρ

2

1

0.5

R

