

7000 GeV pp

Soft QCD

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

- CMS
- - ■ Pythia 6.423 default
- - * Pythia 6.423 pro-q2o

0.5

0.4

0.3

0.2

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

(CMS_2013_I1261026)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

2

1

1

0.5

0.5

2

2

1

1

0.5

0.5

0

0.1

0.2

0.3

0.4

R