

7000 GeV pp

Soft QCD

Intrajet ring p_T density, $10 < N_{ch} \leq 30$ ρ

- CMS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2013_I1261026)

Ratio to CMS

2

1

0.5

R

0 0.1 0.2 0.3 0.4