

7000 GeV pp

Soft QCD

Intrajet ring  $p_T$  density,  $110 < N_{ch} \leq 140$

$\rho$

0.5  
0.4  
0.3  
0.2  
0.1

■ CMS  
▲ Pythia 8.308 default

Rivet 4.1.0, 100k events  
mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1261026)

$\rho$

2

Ratio to CMS

1  
0.5

2

1  
0.5

R

0 0.1 0.2 0.3 0.4