

7000 GeV pp

Soft QCD

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

1

 10^{-1} 10^{-2} 

CMS



Pythia 6.426 default



Pythia 6.426 pro-q2o

(CMS_2013_I1261026)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

R

0

0.1

0.2

0.3

0.4