

7000 GeV pp

Soft QCD

Differential jet shape $p_T^j > 5 \text{ GeV}$, $|h^j| < 1.9$, $50 < N_{\text{ch}} < 80$

■ CMS

—△— Pythia 6.425 ambt1

...●... Pythia 6.425 z1

—●— Pythia 6.425 z2

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

 ρ

0.5

0.4

0.3

0.2

0.1

CMS_2013_I1261026

Ratio to CMS

0.5

2

1

0.5

2

1

0

0.1

0.2

0.3

0.4

R