

7000 GeV pp

Soft QCD

 $\rho$ Differential jet shape  $(p_T^j > 5 \text{ GeV}, |\eta^j| < 1.9, 110 < N_{ch} < 140)$ 

- CMS
- ▲ Pythia 8.308 default
- ◆ Sherpa 2.2.2 default

0.5  
0.4  
0.3  
0.2  
0.1

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

 $\rho$ 

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

0 0.1 0.2 0.3 0.4

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