

7000 GeV pp

Soft QCD

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2013\_I1261026)

Ratio to CMS

0.5  
0.4  
0.3  
0.2  
0.1  
02  
1  
0.5