

$\rho$ 

0.6

0.5

0.4

0.3

0.2

0.1

0

Differential jet shape  $\rho$  ( $p_T^j > 5$  GeV,  $|\eta^j| < 1.9$ ,  $30 < N_{ch} < 50$ )

- CMS
- - □ - - Herwig 7.2.1 default
- - ▲ - - Pythia 8.235 default
- - ◆ - - Sherpa 2.2.9 default

CMS\_2013\_I1261026

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

0

2

Ratio to CMS

0.5

1

0

0.1

0.2

0.3

0.4

R

2

1

0.5