

Jet Charge  $Q$  ( $\kappa=0.6$ ,  $700 < p_T < 1000$ ,  $|\eta| < 1.5$ )

 $1/N \frac{dN}{dQ_1^{0.6}} [1/e]$ 

2.5

2

1.5

1

0.5

0

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

5.5

6

6.5

7

7.5

8

8.5

9

9.5

10

10.5

11

11.5

12

12.5

13

13.5

14

14.5

15

15

■ CMS

- - □ - - Herwig 7.0.4 default

· · · ◆ · · · Sherpa 1.2.3 default

CMS\_2017\_I1605749

Rivet 3.1.0,  $\geq 6.9M$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

5.5

6

6.5

Ratio to CMS

2

1

0.5

0.5

1

1.5

2

2.5

-1

0

 $Q_1^{\kappa=0.6} [e]$ 

[e]