

8000 GeV pp

Jets

Jet Charge  $Q_L$  ( $\kappa=0.3$ ,  $p_T > 400$ ,  $|\eta| < 1.5$ ) $1/N \frac{dN}{dQ_{L,1}^{0.3}} [1/e]$ 

8

6

4

2

0

- CMS
- ▼ Herwig 7 (SoftTune)
- △ Pythia 6 (370:P2012)
- ▲ Pythia 8 (Def)

CMS\_2017\_I1605749

Herwig 7.1.1, Pythia 6.428, Pythia 8.301

Rivet 3.1.0,  $\geq 8M$  events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to CMS

2

1

0.5

2

1

0.5

-0.5

0

0.5

 $Q_{L,1}^{\kappa=0.3} [e]$ 