

8000 GeV pp

Jets

Jet Charge  $Q_L$  ( $\kappa=0.6$ ,  $1000 < p_T$ ,  $|\eta| < 1.5$ ) $1/N \, dN/dQ_{L,1}^{0.6} [1/e]$ 

- CMS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ▲-- Pythia 8.170 default
- ...♦... Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2017\_I1605749

Ratio to CMS

0.5

1

2

2

1

0.5

-0.5

0

0.5

 $Q_{L,1}^{\kappa=0.6} [e]$ 