

8000 GeV pp

Jets

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

- CMS
- - □ Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.170 default
- · ◆ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2017_I1605749

Ratio to CMS

2

1

0.5

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