

8000 GeV pp

Jets

Jet Charge Q ($\kappa=0.6$, $400 < p_T < 700$, $|\eta| < 1.5$) $1/N \, dN/dQ_1^{0.6} \, [1/e]$

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 5.5 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2017_I1605749

Ratio to CMS

2

1

0.5

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