

8000 GeV pp

Jets

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

8

6

4

2

0

- CMS
- Herwig 7 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

CMS_2017_I1605749

Herwig 7.2.0, Pythia 8.301, Sherpa 1.4.3

Rivet 3.1.0, ≥ 5.5 M events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to CMS

2

1

0.5

2

1

0.5

-0.5

0

0.5

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