

8000 GeV pp

Jets

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

- CMS
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 1.4.5 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

0.5

1

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

-0.5

0

0.5