

8000 GeV pp

Jets

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

- CMS
- ▲ Pythia 8.212 default
- Pythia 8.212 tune-A14-CTEQL1
- - - Pythia 8.212 tune-A14-MSTW2008LO
- ⋯ Pythia 8.212 tune-A14-NNPDF2.3LO
- - △ Pythia 8.212 tune-CUETP8S1

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2017_I1605749

Ratio to CMS

2

1

0.5

-1

0

1

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