

8000 GeV pp

Jets

Jet Charge Q ($\kappa=0.3, p_T>400, |\eta|<1.5$)

- CMS
- Alpgen+Py6 2.1.4_6.426 z2-CTEQ6L1
- - □ - - Herwig 7.2.0 default
- ▲— Pythia 8.301 default
- · · · ◆ · · · Sherpa 1.4.2 default

 $1/N \frac{dN}{dQ_1^{0.3}} [1/e]$ Rivet 3.1.0, $\geq 26k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2017_I1605749

Ratio to CMS

2

1

0.5

-2

0

2

 $Q_1^{\kappa=0.3} [e]$ 