

Asymmetry vs  $N_{\text{jets}}$  (CMS (muon channel))

Charge asymmetry

- CMS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.308 tune-CUETP8S1

1.5

1

0.5

0

-0.5

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_EWK\_10\_012)

Ratio to CMS

2

1

0.5

2

1

0.5

1

2

3

4

Inclusive Jet Multiplicity,  $n$ 