

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

Charge asymmetry

0.6  
0.4  
0.2  
0  
-0.2

- CMS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-AU2
- ◇ Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2lox
- ★ Pythia 8.308 tune-AU2m

(CMS\_EWK\_10\_012)

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

1

2

3

4

Inclusive Jet Multiplicity,  $n$ 