

Transverse  $\sum(p_T), p_T^{\text{jet } 1} > \{20 \text{ GeV}\}, \sqrt{s} = \{7000 \text{ GeV}\}$

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ... \* ... Pythia 6.428 pro-q2o

10<sup>-1</sup>10<sup>-2</sup>10<sup>-3</sup>

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2011\_1916908)

Ratio to CMS

2

1

0.5

2

1

0.5

0

10

20

30