

Sum( $p_T$ ) Density (TRNS) (NSD)

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 1.2.2p default

Rivet 3.1.0,  $\geq 6M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S9120041

 $\langle d^2 \text{sum}(p_T) / d\eta d\phi \rangle$  [GeV]

1.4

1.2

1

0.8

0.6

0.4

0.2

0

0

2

2

1

1

0.5

0.5

0

0

0

0

0

10

20

 $p_T$  (leading track-jet) [GeV]

Ratio to CMS

2

1

0.5

2

1

0.5

0

0

0