

Transverse  $\sum(p_T)$  density vs.  $p_T^{\text{jet } 1}$ ,  $\sqrt{s} = \{7000 \text{ GeV}\}$

- CMS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-020

# $\langle d^2 \sum(p_T) / d\ln d\phi \rangle$  [GeV]

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2011\_I916908)

Ratio to CMS

2  
1  
0.5

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

