

Top Panel: Differential cross-section  $\frac{1}{\#} \frac{dN}{dp_T d\lambda}$  vs. thrust. The y-axis is logarithmic, ranging from  $10^{-2}$  to  $10^2$ . The x-axis is thrust, ranging from 0 to 1. Data points are shown for CMS (black squares) and several Pythia 6.428 models (345, 346, 370, ambt1, z1, z2). The plot is labeled "CMS, 13 TeV, AK8 jets, central dijet region,  $408 < p_T^{\text{jet}} < 481 \text{ GeV}$ ". A reference "(CMS\_2021\_I1920187)" is noted.

Bottom Panel: Ratio of the cross-section to the CMS data vs. thrust. The y-axis is linear, ranging from 0.5 to 2. The x-axis is thrust, ranging from 0 to 1. The plot shows the ratio of the cross-section to the CMS data for the same models as the top panel. A shaded green band indicates the ratio is close to 1.0.

Rivet 4.1.0,  $\geq 100k$  events ✓✓

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

thrust