

CMS, 13 TeV, AK4 jets, central dijet region, $254 < p_T^{\text{dijet}} < 326$ GeV
 Rivet 4.1.0, ≥ 100 k events
 mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1920187)

The top panel shows the differential cross-section $\frac{1}{\text{#}} \frac{dN}{d\lambda} \frac{d\lambda}{dp_T}$ on a logarithmic scale from 10^{-3} to 10^2 . The bottom panel shows the ratio of the cross-section to the CMS result on a linear scale from 0.5 to 2. The x-axis for both panels is the width parameter, ranging from 0 to 1.

Legend:
 ■ CMS
 ---○--- Herwig++ 2.7.1 default
 ---□--- Herwig 7.2.1 default

The bottom panel also includes shaded regions representing the ratio of the two models: yellow for Herwig++/CMS and green for Herwig/CMS.

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2

1

0.5

width