

CMS, 13 TeV, AK4 jets, Z+jet region, $408 < p_T^{\text{jet}} < 1500$ GeV
 Rivet 4.1.0, ≥ 100 k events
 mcplots.cern.ch [arXiv:1306.3436]
 (CMS_2021_I1920187)

The top panel shows the differential event rate $\frac{1}{\#} \frac{dN}{dp_T d\lambda}$ on a logarithmic scale from 10^{-4} to 10^2 . The x-axis is p_T^{jet} in GeV on a logarithmic scale from 0.1 to 10. The bottom panel shows the ratio of the models to the CMS data on a linear scale from 0.5 to 2. The x-axis for both panels is p_T^{jet} in GeV on a linear scale from 0 to 1.

Legend for the top panel:
 ■ CMS
 ▲ Pythia 8.235 default
 ▼ Pythia 8.235 tune-AU2
 ◇ Pythia 8.235 tune-AU2lox
 □ Pythia 8.235 tune-AU2loxx
 ★ Pythia 8.235 tune-AU2m

Legend for the bottom panel:
 Ratio to CMS
 width

Rivet 4.1.0, $\geq 100\text{k}$ events

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2

1

0.5

width