

Jets

Figure 1: Multiplicity λ_0^0 (CMS jet substructure)

The figure displays the multiplicity distribution of λ_0^0 particles in CMS jet substructure. The top panel shows the normalized multiplicity distribution $\frac{1}{N} \frac{dN}{dp_T} \frac{d\ln \lambda_0^0}{d\ln p_T}$ versus multiplicity. The bottom panel shows the ratio of the distribution to the CMS data, with green representing the ratio and yellow representing the uncertainty.

Legend for the top panel:

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △--- Pythia 6.428 370
- Pythia 6.428 default
- ▲--- Pythia 8.183 default

Reference: CMS_2021_I1920187

CMS_2021_I1920187

mcplots.cern.ch [arXiv:1306.3436]