

Measurements of jet substructure using the CMS detector

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The internal structure of jets allows us to bridge our description and understanding of short-distance physics and color confinement. In this talk, we discuss recent measurements of jet substructure performed using data collected by the CMS experiment at a center-of-mass energy of $\sqrt{s}=13$ TeV. Measurements of various jet substructure observables, with and without jet grooming, are presented. The measurements are corrected for detector effects and are compared to predictions based on state-of-the-art analytical calculations and Monte Carlo event generators.

Submitted on behalf of a Collaboration?

Yes

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