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Jet measurements in CMS

Wednesday, January 12, 2022 9:00 AM (20 minutes)

Measurements of jet cross sections in proton collisions with the CMS experiment are presented. Measurements are performed as a function of the jet transverse momentum p_T and jet rapidity. Jets are reconstructed using the anti- k_T clustering algorithm with different size parameters in a wide phase space region in jet p_T and jet rapidity. The measured jet cross sections are corrected for detector effects and compared with the predictions from perturbative QCD.

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