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Jet Physics at Tevatron

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We report on different measurements of jet differential cross section and properties obtained from the analysis of ppbar collisions at the Fermilab Tevatron Collider using data collected by the CDF and D0 experiments. The inclusive jet production cross section is measured with two different jet clustering algorithms, compared with next-to-leading order perturbative predictions using the most recent parton distribution function sets, and used to extract the strong coupling constant alpha_s(M_Z). Various two and three jets differential cross section measurements are also presented. Finally we report preliminary result from a study of the properties of highly boosted massive jets, including a study of quantities which can be used to discriminate between massive jets produced via QCD radiation and those arising from the decay of massive particles.

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