

Two and Three-jet measurements at D0

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We present measurements involving two jets in ppbar collisions at a center of mass energy of 1.96 TeV with the D0 detector at the Fermilab Tevatron Collider.

We present dijet angular distributions and invariant mass distributions.

The data are in good agreement with the prediction of perturbative QCD, and are used to constrain several new physics models including quark compositeness, large extra dimensions in case of angular distribution and resonances like excited quarks and W' and Z' bosons decaying into dijets in case of dijet mass distributions.

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