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W/Z+Jets Results from CDF

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The CDF Collaboration has a comprehensive program of studying the production of vector bosons, W and Z, in association with energetic jets. Excellent understanding of the standard model W/Z+jets and W/Z+c,b-jets processes is of paramount importance for the top quark physics and for the Higgs boson and many new physics searches.

We review the latest CDF results on Z-boson production in association with inclusive and b-quark jets, study of the PT balance in Z+jet events, and a measurement of the W+charm production cross section. The results are based on 4-5 fb⁻¹ of data and compared to various Monte Carlo and next-to-leading order perturbative QCD predictions.

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