## Mass Dependence of the Forward-Backward Asymmetry in Top Pair Production

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CDF and D0 have recently reported measurements of the forward-backward asymmetry in top pair production in ppbar collisions at the Tevatron. We report here on a study of that asymmetry as a function of the invariant mass of the ttbar system. A simple unfold technique is used to propagate the laboratory measurement to the parton level simultaneously in the top quark rapidity and top-antitop invariant mass. The result is interprted as an integral asymmetry above a sliding invariant mass threshold. We analyze 1.9/fb of data in the lepton+jet+btag channel, and present measurements for eight different invariant mass thresholds covering the 400 to 800 GeV/c<sup>2</sup> mass region.

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