## Abstract Submitted for the APR06 Meeting of The American Physical Society

NLO Studies of Electroweak Production of Top Quarks JORGE A. BENITEZ, RAYMOND BROCK, REINHARD SCHWIENHORST, QING-HONG CAO, C.-P. YUAN, Michigan State University — We have studied the effect of NLO calculations in the separation of the S and T channels for the electroweak production of top quarks. To find correlations among the different variables, we have used not only the well-known topological and kinematical variables, but also some functions which explore symmetry properties of the angular distributions.

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