

Low X workshop



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Can one use Mueller Navelet jets at LHC as a clean test of QCD resummation effects at high energy?

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Content :

Mueller Navelet jets were proposed 25 years ago as a decisive test of BFKL dynamics at hadron colliders. We here present a next-to-leading BFKL study of the cross section and azimuthal decorrelation of these jets. This includes both next-to-leading corrections to the Green's function and next-to-leading corrections to the Mueller Navelet vertices. We compare our results with the same observables obtained within a fixed next-to-leading order treatment.

Primary authors : Dr. WALLON, Samuel (LPT Orsay and UPMC University) ; Prof. SZYMANOWSKI, Lech (NCBJ Warsaw) ; DUCLOUÉ, Bertrand (LPT Orsay)

Co-authors :

Presenter : Dr. WALLON, Samuel (LPT Orsay and UPMC University)

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