

Abstract Submitted
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Gap between jets at the LHC at next-to-leading order
CHRISTOPHE ROYON, Univ of Kansas — We will present new calculations of gap between jets processes at the LHC. The gap is described using a BFKL pomeron exchange between two gluons. For the first time, the next-to-leading kernel and impact factor are used that allow to perform a full NLO calculation. The theoretical calculation is compared to recent measurement at the Tevatron and the LHC.

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