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Heavy quark impact factor and the single bottom production at the LHC

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We use the heavy quark impact factor at NLO order and multi-regge kinematic regime to calculate of single bottom production cross section at large rapidity at LHC energies.

Authors: RODRIGO, German (CSIC); CHACHAMIS, Grigorios (Paul Scherrer Institut); Mr DEAK, Michal (IFIC/CSIC, Universitat de Valencia)

Presenter: Mr DEAK, Michal (IFIC/CSIC, Universitat de Valencia)

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