

UPC dijets at small- x : interplay of Color Glass Condensate and Sudakov resummation

Wednesday, 13 December 2023 11:45 (30 minutes)

We compute the cross section for the inclusive photo-production of a pair of jets at next-to-leading order accuracy in the Color Glass Condensate framework. We study the emergence of the large Sudakov logarithms in the back-to-back limit, and show that they cannot appear consistently unless the low- x resummation is kinematically constrained.

Primary author: MARQUET, Cyrille (CPHT - Ecole Polytechnique)

Presenter: MARQUET, Cyrille (CPHT - Ecole Polytechnique)

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