

Inclusive D^0 photoproduction in ultra-peripheral collisions

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We compute the differential cross section for inclusive D^0 production in ultra-peripheral collisions within the Color Glass Condensate framework. Our predictions are found to be in good agreement with preliminary CMS data. Furthermore, we parametrize saturation effects by a nuclear modification ratio for photoproduction R_{pA} and examine the collinear factorization limit of the D^0 differential cross section.

Author: GIMENO-ESTIVILL, Patricia

Co-authors: Dr MÄNTYSAARI, Heikki (University of Jyväskylä); LAPPI, Tuomas

Presenter: GIMENO-ESTIVILL, Patricia

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