

J/psi production at NLO + timelike parton shower

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We discuss the behavior of the Jpsi transverse-momentum distribution in the color evaporation model (CEM) at NLO. Our calculations use transverse-momentum-dependent PDFs and include a timelike parton shower. The latter solves the issue of the too-hard spectrum at NLO in the CEM. Finally, we will present the consequence of the present study for the NRQCD's LDME.

Presenter: BENJAMIN, guiot (Universidad frederico santa maria)

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