

5th International workshop on heavy quark production in heavy-ion collisions



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Radiative energy loss and damping effects

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The effect of the damping of radiation in an absorptive medium on radiative energy loss is considered. First, the radiation spectrum for a fast parton going through a dense medium is estimated from considerations on the formation time in the QCD context. In a second stage, such a derivation is connected to a full calculation carried out in electrodynamics.

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