QCD calculation of the inelastic $Q\bar{Q} - h$ cross sections

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Abstract

The energy dependence of the inelastic cross sections of heavy quarkonia $Q\bar{Q}$ with light hadrons are presented. The calculations have been carried out within the Operator Product Expansion techniques. These include finite target mass corrections. The knowledge of these cross sections are a necessary tool to estimate the contribution from the comovers to the nuclear dependence of quarkonium production. First numerical results employing the NeXus model are discussed.

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