XIIth Quark Confinement and the Hadron Spectrum



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Relativistic corrections to electromagnetic heavy quarkonium production

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We study higher order relativistic corrections to the electromagnetic production cross-section of a heavy quarkonium and a hard photon in the factorization framework of non-relativistic QCD (NRQCD). We obtain new matching coefficients and discuss the importance of contributions from color octet operators, that were not considered in the previous studies of this process.

Summary

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