

Electroproduction of two-light vector mesons from collinearly improved BFKL kernel

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We show that the use of a collinearly BFKL kernel in the NLA amplitude for the electroproduction of two light vector mesons leads to a smooth behavior of the amplitude with the center-of-mass energy, both for equal and strongly ordered photons' virtualities. Moreover, the optimal values of the energy scales appearing in the subleading terms turn out to be closer to the kinematical scales of the process than in the approaches based on the use of an unimproved kernel.

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