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The $\gamma^*\gamma^*$ total cross section in NLA BFKL.

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We study the $\gamma^*\gamma^*$ total cross section
in the NLA BFKL approach. We have extracted the NLO corrections to
the photon impact factor from two recent
papers of Balitsky and Chirilli and Chirilly and Kovchegov. Then use
them to build several representations of the total cross section, equivalent within
the NLA.
We have combined these different representations
with two among the most common methods for the optimization of a
perturbative series, namely PMS and BLM, and compared their behavior with
the energy with the only available experimental data, those from the LEP2
collider.

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Classifica Sessioni: Progress in QCD (II)

Classificazione della track: Progress in QCD