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MARCH 25 2013

Non-linear QCD dynamics in two- photon interactions at high energies

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AIP Conference Proceedings 1520, 294–
296 (2013)

<https://doi.org/10.1063/1.4795977>

Assuming that the dipole - dipole cross section can be related with the dipole - proton cross section, we calculate the total $\gamma\gamma$, $\gamma^*\gamma^*$ cross-sections and the real photon structure function $F_2^\gamma(x, Q^2)$ using the recent solution of the BK equation with running coupling constant.

Topics

[Probability theory](#), [Photon scattering](#), [Coupling constants](#)

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