Hadron attenuation at HERMES by hadronic FSI

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We investigate hadron formation in high energy elektroproduction off complex nuclei in the framework of a BUU transport model. Our approach [1-3] combines a quatum mechanical treatment of the photon's initial state interactions with a semi-classical coupled channel simulation of the hadronic final state interactions. This allows us to study the hadron attenuation observed at HERMES and get information about the space-time picture of hadron formation.

[1] T.Falter, U.Mosel, Phys. Rev. C **66** (2002) 024608.

[2] T.Falter, K.Gallmeister, Phys. Rev. C **67** (2003) 054606.

[3] T.Falter, W.Cassing, K.Gallmeister, U.Mosel, nucl-th/0303011.

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