Nuclear medium modification at an intermediate energies

A.I. Chklovskai ?? V.N. Penev ??

\textsuperscript{a} JINR, Dubna
\textsuperscript{b} JINR, Dubna

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\textit{Presented by: V.N. Penev}
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\begin{abstract}
An attempt to evaluate, what part of nuclei is really involved in the suffered interaction is made. It seems important in connection with a partial deconfinement in nuclei leading to the presence there of free quarks and gluons. As an illustration of the proposed analysis, C-C, d-C, C-Ta and p-C interactions at 4.2GeV/c/nucleon were used. In consequence of some speculations we conclude that our results do not contradict the following evidence: initial collisions are may be happen between particles, having the mass(energies) smaller than the nucleon mass in a very small percent (R) of all events. For CC-interactions at 4.2GeV/c/N \( R = (0.04 \pm 0.02) \)
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