

ERRATUM

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A. Bialas

Wounded Constituents

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The following corrections should be introduced.

(i) The last paragraph of Section 3 should be replaced by:

To make use of this prediction it is necessary to recall the old formula for the number of wounded constituents in a collision of two composite objects [1,2]. Consider a collision of two nuclei A and B . For the number dw_A of wounded constituents of size between δ and $\delta + d\delta$ in A we have

$$\begin{aligned} \sigma_{AB}(b)dw_A(b; \delta; B) &= AdN_H(\delta) \int d^2s D_A(s) \sigma_{\delta B}(b-s) \\ &\equiv AdN_H(\delta) \hat{\sigma}_{\delta B}(b) \end{aligned} \quad (8)$$

and an analogous formula for dw_B . Here $\sigma_{\delta B}(b)$ is the cross-section of one constituent of size δ on the nucleus B , $\sigma_{AB}(b)$ is the total (inelastic) cross-section for the A - B collisions³, $D_A(s)$ is the (transverse) distribution of the nucleons in the nucleus A normalized to unity, and $dN_H(\delta)$ is the number of constituents of size between δ and $\delta + d\delta$ in the nucleon⁴.

(ii) In the footnote 4, $AdN_H(\delta)$ should be replaced by $AD_A(s)dN_H(\delta)$.

(iii) In the r.h.s. of Eq. (22), $\sigma_{\delta A}(b)$ and $\sigma_{\delta B}(b)$ should be replaced by $\hat{\sigma}_{\delta A}(b)$ and $\hat{\sigma}_{\delta B}(b)$, respectively.

These changes do not affect the results and conclusions of the paper.