

Ultrarelativistic proton-beryllium collisions

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We investigate ultrarelativistic p-9Be and p-7Be collisions. It is shown that the clustered structure of beryllium leads to large (order of magnitude, thus possibly observable) effects in the distribution of the participant nucleons in the case when beryllium is polarized. In general, our method can be used to probe the structure of light nuclei whose ground state spin is nonzero.

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