

THE USE OF GLAUBER APPROXIMATION FOR CALCULATION OF TOTAL CROSS SECTIONS OF HYPERTRITON DIFFRACTIVE INTERACTION WITH PROTONS

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The calculations of the total cross sections of hypertriton diffractive interaction with protons, carried out precisely and in the Glauber approximation in three cluster model show that this approximation is satisfactory only for rather small (within the limits of experimental errors) values of the hypertriton binding energy.