

**STRUCTURE EFFECTS ON REACTION MECHANISMS
IN COLLISIONS INDUCED BY HALO AND WEAKLY BOUND NUCLEI
AROUND THE COULOMB BARRIER**

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The study of reaction mechanisms in collisions induced by halo and/or weakly bound nuclei around the Coulomb barrier has recently been the subject of many theoretical and experimental papers. Here we discuss our present understanding of some aspects of such a topic by briefly summarizing experimental data obtained by different authors with particular attention to some results obtained in the last years by our collaboration.