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Elastic scattering of p-halo ^8B beam close to the Coulomb barrier

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In this contribution, preliminary results of the experiment IS616 will be presented. The aim of the experiment was to investigate on the reaction dynamics of proton-halo induced collisions at energies around the Coulomb barrier where coupling to continuum effects are expected to be important. The elastic scattering $^8\text{B}+^{64}\text{Zn}$ angular distribution was measured, for the first time, using the GLORIA Si-strip detector array placed in the SEC scattering chamber. The low beam intensity hindered the possibility to measure $p\text{-}^7\text{Be}$ coincidences coming from break-up processes. Singles events have, however, been measured.

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