Charge exchange in $H^+ + He^+$ collision NICOLAIS GUEVARA LEON, JOHN R. SABIN, ERIK DEUMENS, YNGVE OHRN, Univ of Florida - Gainesville — Charge exchange in $H^+ + He^+$ collision are investigated theoretically at projectile energies below the ionization threshold at about 100 keV/amu. The electron nuclear dynamics (END) method is used to analyze the collision processes. Total charge exchange cross sections were calculated and compared with other theoretical and experimental data.

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