ELASTIC AND RELATED TRANSPORT CROSS SECTIONS FOR COLLISIONS AMONG ISOTOPOMERS OF $H^+ + H$, $H^+ + H_2$, $H^+ + He$, $H + H$, AND $H + H_2$ (Ref. 1)

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The microscopic, atomic physics influencing bulk properties such as transport and charge balance in the edge and divertor plasmas of the new generation of reactors (such as ITER) has been recently of growing interest for plasma modeling and engineering of magnetically confined fusion devices. Thus, the goal of the present work is to produce and tabulate elastic scattering data for the most abundant particles of the divertor and edge plasmas.

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1. Abstract of published paper: *Atomic and Plasma-Material Interaction Data for Fusion*, **8** (1999).