

Calculation of proton-lithium scattering using the CCC method

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We review the convergent close-coupling (CCC) method for calculating collision processes in atomic and molecular physics, concentrating on systems with heavy projectiles such as proton-atom scattering. Particular attention is paid to the one- and two-center approaches to the problem. More specifically, we will discuss the proton-lithium scattering results recently published by Abdurakhmanov et.al., J. Phys. B, **53**, 145201 (2020).

Primary author: Prof. BRAY, Igor (Curtin University)

Co-authors: Dr ABDURAKHMANOV, Ilkhom (Curtin University); Mr PLOWMAN, Corey (Curtin University); Prof. KADYROV, Alisher (Curtin University)

Presenter: Prof. BRAY, Igor (Curtin University)

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