

Type: not specified

Thursday, 26 September 2024 09:00 (25 minutes)

In the first part of the talk, I will focus on the nn distributions following the knockout. They can be well described in the EFT. The basis is a three-body description of the ground state using the Faddeev equations. The knockout does not need to be treated explicitly, but the subsequent final-state interactions (FSIs) are taken into account by using Moller operators. I focus on kinematic conditions where all non- nn FSIs are suppressed. The results are discussed in the context of studying the nn interaction [Göbel et al., Phys. Rev. C 104 (2021)] as well as of investigating the universality of $(2n)$ halo nuclei [Göbel et al., Phys. Rev. C 110 (2024)].

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Session Classification: Parallel 6: Few-body aspects of nuclear physics and nuclear astrophysics