

## Maris polarization of neutron-rich nuclei

I will discuss the Maris polarization effect and its application in quasi-free reactions to assess information on the structure of exotic nuclei. The uncertainties in the calculations of triple differential cross sections and of analyzing powers due the choices of various nucleon-nucleon interactions the optical potentials and limitations of the method are the main focus. Theoretical calculations explore a large number of choices for the nucleon-nucleon (NN) interactions and the optical potential for nucleon-nucleus scattering and implies that polarization variables in (p,2p) reactions in inverse kinematics can be an effective probe of single-particle structure of nuclei in radioactive-beam facilities.

### Summary

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