Intermediate-energy Coulomb excitation of 94Ru, 96Pd, and 98Cd

Friday, 28 July 2023 13:50 (20 minutes)

 94 Ru, 96 Pd, and 98 Cd are semi-magic isotones with N=50, and their B(E2;0+ \rightarrow 2+) values are still missing or with large uncertainty. We propose an experiment to measure the B(E2;0+ \rightarrow 2+) of these isotones by means of intermediate-energy Coulomb excitation. These results will help to verify the seniority scheme in the g9/2 shell. The measurement of 98 Cd will also help us to understand the relatively larger B(E2;0+ \rightarrow 2+) observed in $^{102-106}$ Sn. In 94 Ru and 96 Pd, it may be possibly to observe Coulomb excitation from the isomeric states.

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