Isomer identification in n-rich Cd nuclei

- The masses of $^{125-127}\text{Cd}$ nuclei have been measured using the TITAN Penning trap.
- We show that a previous mass measurement of $^{127}\text{Cd}$ was in fact a measurement of an isomeric state.

- The two-neutron separation energies ($S_{2n}$) of Cd isotopes now follow more closely the behavior of In isotopes.

D. Lascar, M. Brodeur et al., PRC 96 034323 (2017)