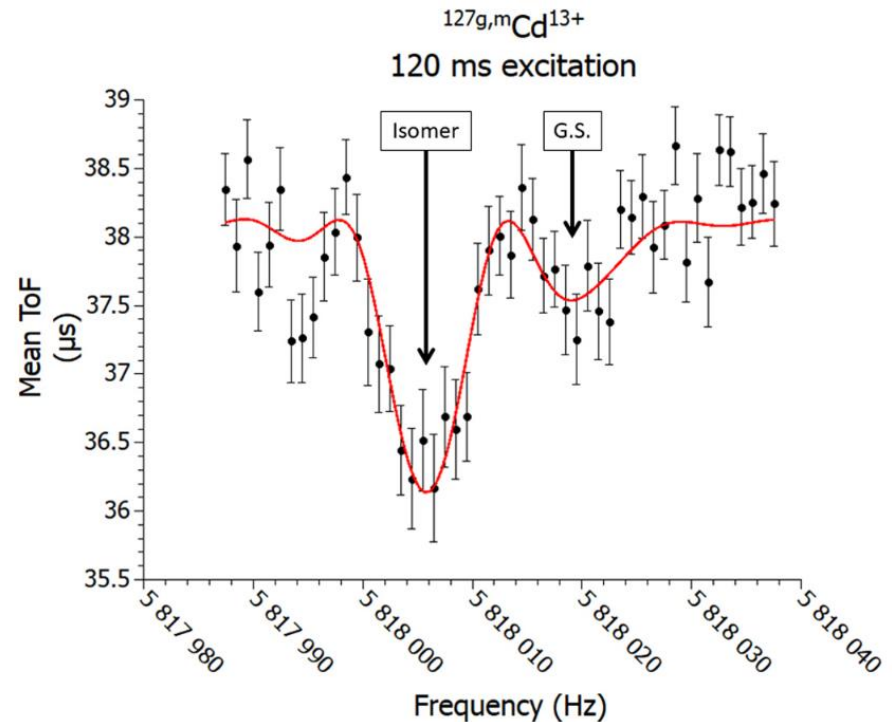
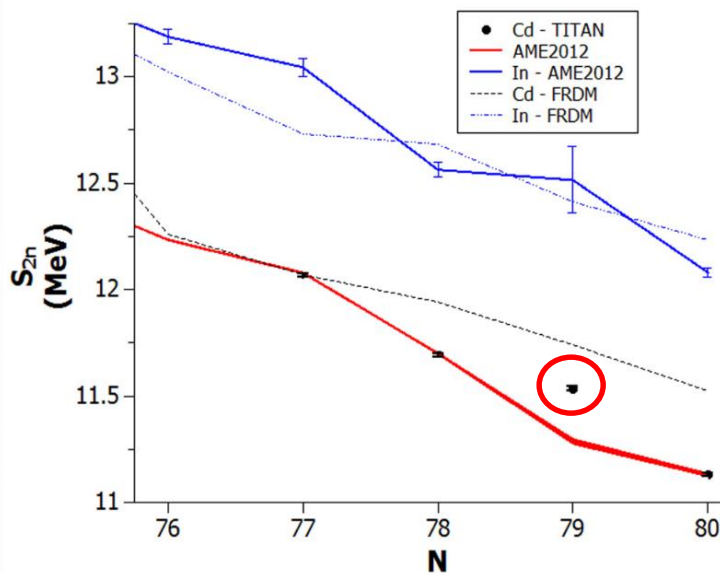


# Isomer identification in n-rich Cd nuclei



- 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.

