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Nuclear Structure of 214Po from 226Ra decay[1] SOPHIA BALDERRAMA, ELIZABETH MCCUTCHAN, SHAOFEI ZHU, Brookhaven National Laboratory, JING LI, DIRK WEISSHAAR, NSCL, Michigan State University — Nuclei in the neutron-rich region around ^{208}Pb offer a perfect testing ground for realistic shell model interactions, yet experimental data become increasing sparse moving east from the closed shell. The decay of ^{226}Ra offers a simple way to study several neutron-rich A=214 nuclei which are populated in β decays along the decay chain. In particular, we use GRETINA at NSCL, MSU to perform γ - γ angular correlation and polarization measurements to make spin/parity assignments. The methods of analysis and revised level scheme will be presented.

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Sophia Balderrama
Brookhaven National Laboratory

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