

Abstract Submitted
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NERO-The Neutron Emission Ratio Observer GIUSEPPE LORUSSO, MSU, NSCL, JINA, JORQUE PEREIRA, NSCL, JINA, PAUL HOSMER, MSU, NSCL, JINA, KARL LUDVIG KRATZ, Institute für kernchemie, Universität Mainz, FERNANDO MONTES, NSCL, PAUL REEDER, Pacific Northwest National Laboratory, PETER SANTI, NSCL, HENDRIK SCHATZ, NSCL, JINA — The Neutron Emission Ratio Observer (NERO), has been constructed for the use at the National Superconducting Cyclotron Laboratory to work in conjunction with the NSCL Beta Counting System in order to detect β -delayed neutrons. The design of the detector provides high and flat efficiency for a wide range of neutron energies, as well as a low neutron background.

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