Abstract Submitted
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Precision Measurement of Cold Neutron Flux using Alpha-Gamma[1] EVAN ADAMEK, University of Tennessee — The Alpha-Gamma device at NIST utilizes the interaction of neutrons with a totally absorbing ^{10}B target to precisely measure the flux of a monochromatic neutron beam. This measurement provides a calibration of the ^{6}Li(n,α)^{3}H based flux monitor used in the NIST neutron lifetime experiment to better than 0.1

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