

Nuclear Reaction Studies at NIF: Establishing the Method and Recent Results

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Since achieving ignition at NIF in 2022, a collaboration between LLNL and AWE has been developing a method of exploiting the high neutron yield to perform nuclear reaction studies. Last year, proof of principal measurements were presented. This presentation will give a brief run through of the method with a focus on our recent $^{88}\text{Y}(n,2n)$ cross-section results.