

Abstract Submitted
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Recent Measurements with the NIFFTE Fission TPC RUSTY TOWELL, Abilene Christian University, NIFFTE COLLABORATION — The NIFFTE Time Projection Chamber (TPC) is a powerful tool being developed to take precision measurements of neutron-induced fission cross sections of transuranic elements. These improved data are needed for applications including the development of future generations of nuclear reactors. During the last run at the Los Alamos Neutron Science Center (LANSCE) the partially instrumented TPC took data with several different targets. Results from this run will be shared including an update on the measurement of the cross section ratio for U-238 to U-235.

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