

Abstract Submitted
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Data analysis for the level scheme of ^{175}Tm obtained with the TRIUMF “8- π ” gamma-ray array¹ NATHAN CALDWELL, JOHN HOFFMAN, JAMES CARROLL, Youngstown State University, TM-175 COLLABORATION — TRIUMF’s ISAC accelerator/mass-separator system was used to produce ^{175}Tm , which was deposited onto a tape-drive system at the center of the “8- π ” array. Subsequent gamma decays were recorded by the array’s 20 Compton-suppressed Ge detectors. Sorting of the resulting $\gamma - \gamma$ coincidence matrices can be used to investigate the level scheme, including electromagnetic transition intensities. This talk will discuss the status of analysis for this experiment, using the programs in the Radware software suite.

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