

Abstract Submitted
for the DNP07 Meeting of
The American Physical Society

NIMROD Upgrade S. WUENSCHHEL, K. HAGEL, Z. KOHLEY, L. MAY, J.B. NATOWITZ, R. WADA, S.J. YENNELLO, Texas A&M University — The 4 pi detection array NIMROD has been recently upgraded. The upgrade increased granularity in the backward direction and improved Si coverage. NIMROD is now composed of 10 forward annular rings (~ 3 -90 degrees) and a hemisphere of the ISiS array (90-176 degrees). There is complete Si coverage in the regions of 3-45 and 90-176 degrees. The forward region is composed of ten telescopes of 300 micron Si and CsI as well as two super telescopes of 150 and 500 micron Si with CsI per ring. The ISiS portion has complete Si coverage in the form of 500 micron Si with the CsI. Additionally, modular treatment of signals has been implemented. Handling signals in this way retains the telescope grouping of detectors in the electronics as long as possible. Towards this end, motherboards holding Zepto System preamplifiers were installed on the reaction chamber for preamplification of the Si signals at the earliest opportunity. The improved detector system has been used in a first experiment with $^{86,78}\text{Kr}+^{64,58}\text{Ni}$ systems. Performance of the detector system during the experiment will be presented.

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Date submitted: 04 Jul 2007

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