

Abstract Submitted  
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**Analysis of Multi-dimensional Data from the YSU Miniball at the SPring-8 Synchrotron, Japan** RONALD PROPRI, Youngstown State University  
— In recent years, attempts at triggering energy release from long-lived nuclear isomers have been both a scientific and political focus. The study of  $^{178}\text{Hf}m_2$  has been of particular interest due to its attractive energetic properties. In light of the controversial nature of claims concerning positive experimental results, much attention was given to the analysis of data from different types of experiments. This poster will illustrate methods of analysis of multi-dimensional data recorded at SPring-8 with the YSU Miniball detector array, including timing characteristics, gamma-gamma coincidences, and the software package specially designed for the unique properties of our system.

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