

Abstract Submitted
for the DNP10 Meeting of
The American Physical Society

The Ursinus College Liquid Hydrogen Target¹ NICHOLAS FERRANTE, JESSICA PALARDY, LEW RILEY, Ursinus College, REMCO ZEGERS, Michigan State University — A liquid hydrogen target has been constructed and tested for use in experiments at the National Superconducting Cyclotron Laboratory at Michigan State University. The design is based upon the Japanese liquid hydrogen and deuterium target at RIKEN in Japan. This target will provide a pure hydrogen target with greater proton density than and without the carbon background of polypropylene targets. Characteristics of the target as well as prospects for its use are discussed.

¹Acknowledgement of support: This work was supported by the National Science Foundation under grant nos. PHY-0922615, PHY-0653323, PHY-0969002, and PHY-0606007.

Nicholas Ferrante
Ursinus College

Date submitted: 10 Aug 2010

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