

Abstract Submitted
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Neutron detection with Large Area Neutron Array (LANA) at NSCL¹ FANURS C.E. TEH, National Superconducting Cyclotron Laboratory, MSU, JONG-WON LEE, Department of Physics, Korea University, KUANG ZHU, KYLE BROWN, NSCL, ZBIGNIEW CHAJECKI, Department of Physics, Western Michigan University, WILLIAM LYNCH, MANYEE BETTY TSANG, ADAM ANTHONY, JON BARNEY, DANIELE DELL'AQUILA, JUSTIN ESTEE, NSCL, BYUNGSIK HONG, Department of Physics, Korea University, GENIE JHANG, NSCL, OM KHANAL, Department of Physics, Western Michigan University, YOUNG JIN KIM, HYOSANG LEE, Rare Isotope Science Project, Institute for Basic Science, Daejeon, JUNG WOO LEE, Department of Physics, Korea University, JUAN MANFREDI, NSCL, SEON-HO NAM, Department of Physics, Korea University, CHENYANG NIU, NSCL, JEONGHYEOK PARK, Department of Physics, Korea University, SEAN SWEANY, CHUN YUEN TSANG, RENSHENG WANG, NSCL, HONGYI WU, School of Physics, Peking University — In this meeting, I will present the performance of LANA including a new technique to do pulse shape discrimination (PSD), which gives n-gamma separation that is more superior to the traditional PSD technique especially for long bar-shaped scintillators and measured light output from 10-100 MeV neutrons.

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