

Abstract Submitted  
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**Gamma background in the XENON-10 detector**<sup>1</sup> JESSE ANGLE,  
Univ. of Florida, XENON COLLABORATION — The XENON-10 detector is the  
research and development phase leading up to a larger detector, using liquid xenon to  
directly search for dark matter (it is assumed that dark matter is composed of Weakly  
Interacting Massive Particles, or WIMP's). Due to the sensitivity needed for such  
a detector, it is vital to have a strong understanding of the background events that  
will be seen. Initial screening of many of the components comprising the XENON-  
10 detector has been completed using a High Purity Germanium detector. Results  
from said screening will be presented and the impact these results have on Monte  
Carlo simulations of the XENON-10 detector will be shown.

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