

Abstract Submitted  
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**Delta Radiative Decays in the MiniBooNE Experiment** LAURA GLADSTONE, Columbia University, MINIBOONE COLLABORATION — The rare radiative decay of the delta baryon is of particular interest to the MiniBooNE experiment because of its similarity to the  $\nu_\mu \rightarrow \nu_e$  oscillation signal. The method of boosting decision trees to form a powerful identifying committee from several weak identifiers is discussed and applied to identifying delta radiative decays. Application of this analysis to the MiniBooNE oscillation data is discussed.

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