

Abstract Submitted  
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**Particle identification performance at GlueX** YUNJIE YANG,  
CRISTIANO FANELLI, JOHN HARDIN, MICHAEL WILLIAMS, Massachusetts  
Inst of Tech-MIT, GLUEX COLLABORATION — Good particle identification  
(PID) is crucial to achieving the physics goals of the GlueX experiment at Hall D  
of Jefferson Lab. Using data from the experiment's successful engineering and early  
production runs, data-driven studies have been performed of the hadronic PID per-  
formance (e.g.  $\pi/p$  and  $\pi/K$ ) of the GlueX detector using "standard candles" such  
as  $\Lambda^0$ ,  $K_S^0$  and  $\phi$  decays. The results of such studies will be presented.

Yunjie Yang  
Massachusetts Inst of Tech-MIT

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