

Abstract Submitted  
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**Latest results from Jefferson Lab HKS experiment** LULIN YUAN,  
Hampton University, JLAB HKS COLLABORATION — The goal of Jefferson Lab  
HKS experiment is to obtain high resolution spectroscopy for  ${}_{\Lambda}^{12}\text{B}$ ,  ${}_{\Lambda}^{28}\text{Al}$  and  ${}_{\Lambda}^7\text{He}$   
hypernuclei. Recently, to further improve the precision of the binding energy deter-  
mination, we have done a thorough new analysis with better tracking resolution at  
spectrometer focal planes and a new kinematics calibration procedure. In this talk,  
I will present the latest spectra of  ${}_{\Lambda}^{12}\text{B}$ ,  ${}_{\Lambda}^{28}\text{Al}$  and  ${}_{\Lambda}^7\text{He}$  and compare them to the most  
recent theoretical predictions.

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