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Dineutron correlation in ^{14}Be and spectroscopy of ^{13}Be

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The first kinematically complete measurement for the quasi-free (p,pn) reaction on Borromean nuclei ^{11}Li , ^{14}Be , and $^{17,19}\text{B}$ was performed at RIBF in order to study dineutron correlation. Preliminary results on the dineutron correlation in ^{14}Be and the spectroscopy of the unbound ^{13}Be will be presented.

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