

Decay Spectroscopy at the Radioactive Isotope Beam Factory (RIBF) at RIKEN

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Tipo : **no especificado**

Search for new 2p emitters above krypton

In a very successful experiment in 2015, we have identified the new 2p emitter ^{67}Kr , for which a follow-up experiment to study it with ACTAR TPC is accepted.

In the heavier region, new 2p emitters are expected. Potential candidates are $^{70,71}\text{Sr}$, $^{74,75}\text{Zr}$, $^{78,79}\text{Mo}$. These nuclei would be best produced by projectile fragmentation of a ^{92}Mo beam, which is presently not available at RIBF.

What are the possibilities with a ^{124}Xe beam compared to ^{92}Mo ?

Are other beams in between a possibility ?

These and other questions will be discussed.

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