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Beyond the Neutron Dripline at $Z= 5 - 7$: Status of SAMURAI04 and 36

Tuesday, 8 August 2017 09:50 (30 minutes)

The most recent developments in the analysis of the data acquired for the SAMURAI04 experiment will be presented. In particular, the decay energy spectra for the most neutron-rich unbound isotopes of B, C and N will be presented. The possibility of employing charge exchange to reach beyond the dripline will also be briefly discussed.

By way of conclusion we will present the motivations for the SAMURAI36 experiment, which was run at the end of 2016, and discuss briefly the expected outcome.

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