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## Muon capture in Mo-100/Mo-nat and Ru-nat

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The ordinary muon capture (OMC) on the enriched  $^{100}\text{Mo}$ , as well as natural  $^{nat}\text{Mo}$  and  $^{nat}\text{Ru}$  were investigated at MuSIC (RCNP, Osaka) in order to study neutrino nuclear responses for neutrinoless double beta decay ( $0\nu\beta\beta$ ) and supernova neutrino nuclear reactions. The considered experiment aimed to study the muon absolute lifetime and radioactive production rate of OMC on  $^{100}\text{Mo}$ ,  $^{nat}\text{Mo}$  and  $^{nat}\text{Ru}$ .

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