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## Beta-Delayed Neutron Branching Ratios calculated by proton-neutron QRPA and statistical model

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We recently carried out a systematic calculation for beta decay half-lives within proton-neutron QRPA. Our formalism adopted a Gogny type forces for both isospin  $T=0$  and  $T=1$  pairing channels.

This ensures us a reliable for beta-decay calculations within the QRPA. Delayed-neutron branching ratios are also estimated by a Hauser-Feshbach statistical model with beta-strength functions calculated by the QRPA.

We will discuss the results comparing with those of different models.

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