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## Validating position reconstruction algorithm with $^{241}\text{Am}$ - $^9\text{Be}$ neutron source in DEAP-3600

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The DEAP-3600 experiment uses a modern coordinate reconstruction algorithm that utilizes machine learning. This algorithm performed well compared to likelihood-based approaches. Here we validate our neural network based algorithm on data obtained using  $^{241}\text{Am}$ - $^9\text{Be}$  radioactive source. The results obtained confirm algorithm validity.

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