

Methods of Targets' Characterization

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The characterization of targets before, after as well as if possible during irradiation, is essential for the success of experiments in nuclear physics and the accuracy of the results (for example for cross-section measurements). The relevant parameters such as absolute thickness, homogeneity of the layer, variation across the active area, purity of the target have to be determined and controlled as accurately as possible.

I propose to report the experimental and commonly used methods characterizing targets, and to review them with an emphasis on their range of validity.

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