



The Excitation Functions for Some Cyclotron Produced Radionuclides

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | the power horse among the radionuclides used in nuclear medicine | Measurement of reaction cross sections is one of the main aims of many experimentalists due to the need of proven cross section data for the reactions. Moreover, the lack and discrepancies among the available data are still existing. Our concern is focused on targets that can produce radionuclides of main use in nuclear medicine and thin layer activation techniques. Excitation functions of some Molybdenum and Gadolinium isotopes were measured using the gamma spectra from the (p,x) reactions of high purity natural targets. These reactions could be produced by means of relatively low projectile energies. | Format: Paperback | Language/Sprache: english | 216 pp.



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