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Experimental cross sections for alpha particle induced reactions on p-nuclei

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Preliminary alpha capture cross sections on p-nuclei at energies close to the Gamow window will be presented. The cross section were measured by means of the activation method using an alpha beam delivered by the IFIN-HH tandem accelerator. The induced activities were measured in close-to-detection geometry using two large volume HPGe detectors in a low background passive shielding.

Primary author: Dr OPREA, Andreea (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH))

Co-author: Dr GLODARIU, Tudor (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH))

Presenter: Dr OPREA, Andreea (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH))

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