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# Fusion yield of the magnetized cylindrical target

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*This paper analyses the possible usage of a magneto-inertial fusion (MIF) for developing a neutron source. The authors consider the configuration of the target in the form of an axially symmetric magnetic trap with magnetic plugs called “probkotron”.*

**Keywords:** *magneto-inertial fusion, neutron source, probkotron, gas-dynamic trap, magnetized plasma.*

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