Experiment Title: test for the alpha beam purity
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Short presentation of the scientific project
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One step in the nuclear astrophysics experiment preparation is to find out if the beam contamination may affect the experiment results.

Beam time request (unit=8 hours): 12
Desired Period: after the alpha ion source was tested to a good performance

Desired beam properties
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Type: alpha
Energy (MeV): 8-24MeV
Intensity (p/nA): 20pA
Vacuum Requests: 10(-7)

Special requirements for detectors, electronics, acquisition system
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DE-E (ionization chamber + Si detector)
4th beam line

Minimal information needed for the radiological risk evaluation:
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a) Source activity: no
b) Use of open sources: 

c) Estimate of the residual activity as a result of irradiation: no
d) Means of storage/transportation for irradiated targets:  