
Experiment Title high energy Ge detector calibration experiments
with
accelerator

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Short presentation of the scientific project

Find a method to do energy calibration for the Ge detectors in the energy
range 3-10
MeV

Beam time request(unit=8 hours) : 21
Desired Period : after the target evaporator works to be
able to
prepare the targets for this experiment

Desired beam properties

Type : p,alpha,12C
Energy(MeV) : 3-8MeV
Intensity(p/nA) : 50pA
Vacuum Requests : 10(-7)

Special requirements for detectors, electronics,aquisition system

Ge , NaI, Si, neutron detector

Minimal information needed for the radiological risk evaluation:

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 : no