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Experiment Title            high energy Ge detector calibration experiments  
with  
accelerator

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Short presentation of the scientific project  
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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  
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Type                                : p,alpha,12C  
Energy(MeV)                        : 3-8MeV  
Intensity(p/nA)                    : 50pA  
Vacuum Requests                    : 10(-7)

Special requirements for detectors, electronics,aquisition system  
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Ge , NaI, Si, neutron detector

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                : no