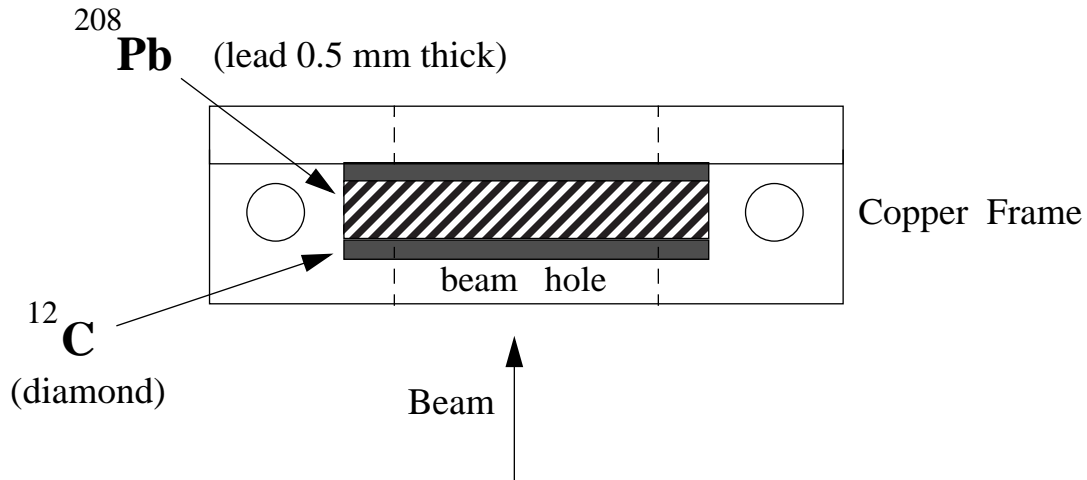


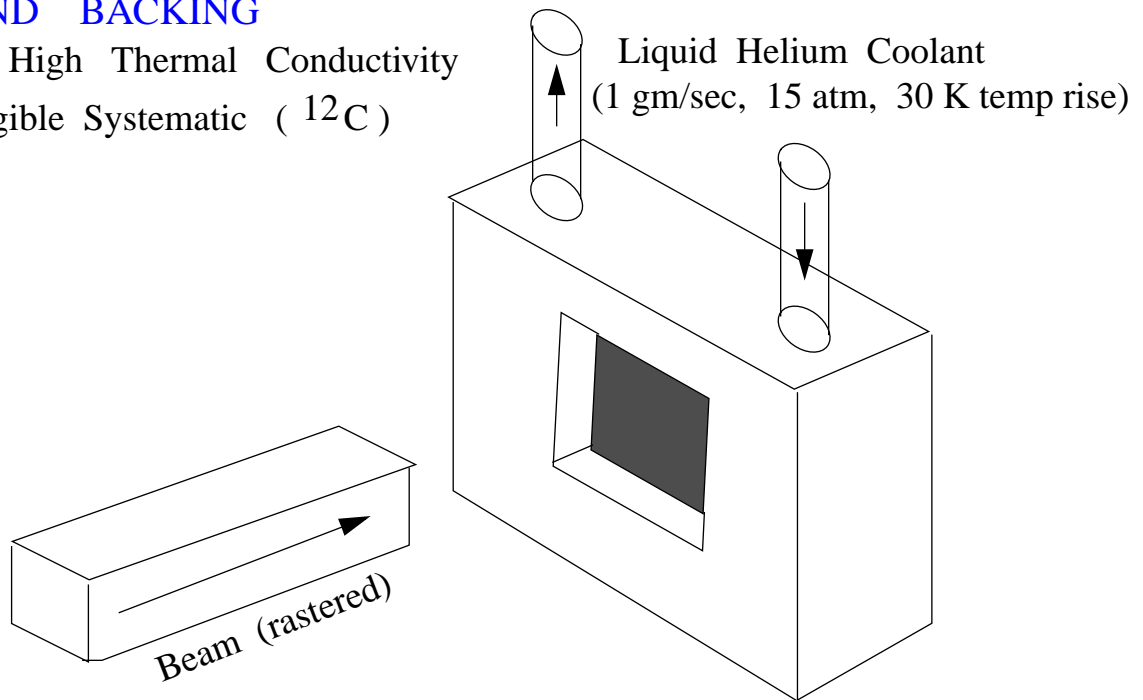
Choice of Target: ^{208}Pb

High Power (40 W) Lead Target



DIAMOND BACKING

- ▶ Very High Thermal Conductivity
- ▶ Negligible Systematic (^{12}C)



Advantages of Lead :

- * Easy to Isolate Elastic (2.6 MeV to 1st state)
- * Doubly Magic -- Simple, well known structure (good 1st calibration of theory)