



$^{44}\text{Ti}$

$^{44}\text{Ca}$

dE 4

dE 3

dE 2

dE 1

Ionization Chamber

Parallel Grid  
Activation Counter

Aluminum Shield

Gas-Filled Magnet  
 $\text{N}_2$  @ 1 - 10 Torr

Entrance foil

Incoming  
ion beam

