

Mastromatteo's lab features

Ludlum multichannel gamma detector

Reactor 1 set up

multichannel
Gamma detector

He-Ne laser

H2
generator

Reactor 1

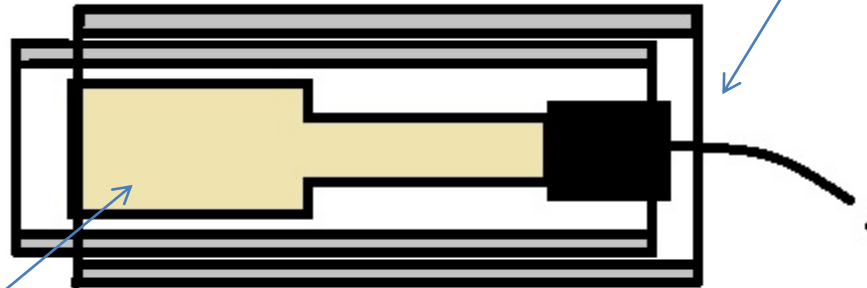
Neutron
detector



Gamma detector sketch

Two lead cylinders done from lead foil
1 mm thick cutted and rolled up.
Shield thickness about 3.5 cm, weight about 60 Kg

High voltage interface
and USB output adapter



3" NaI scintillator for multichannel detection (Ludlum 730 PC based spectroscopy system)