

Sheet1

Nal Detector

- Needs PMT Base
- Needs +800V Power Supply
- Amplifier

Ge Detector

- Fix Preamp
- Devise efficient way to fill LN2 dewer
- Needs +3000 OR -4000 Power (depending on which detector)
- preamp power
- Amplifier

PHA

- Determine time constant of Ge detector pulses
- Tune Bandpass filter independently for Nal and Ge
- Test program robustness
- Labview program to sum histogram files

Coincidence

- Find time delay of coincident pulses
- Get/Build delay box

HV Monitor

- 1000:1 Voltage divider(s)
- DVMM or Labview chart recorder

Long Term

- Radioactive sources
 - High energy (>2MeV ?)
 - Natural Abundance of ^{232}Th
 - Mystery Box?
- Source stand for Ge
- Test resolution of Nal & Ge
- Test robustness of coincidence

WRITE LAB MANUAL