

Done

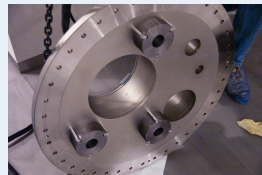


^{228}Th Source

- Measured γ and n emission (see separate note)
- 1 custom (14.8 kBq @LNGS) and 2 commercial sources (40.9 kBq @LNGS, 24.0 kBq @UZH) available

Calibration System

- All 3 absorber rings mounted
- One lowering system including absorber successfully tested manually
- Radio purity of material approved by final screening



To Do

Custom ^{228}Th Source

- Estimate background from sources in parking position (finalizing)
 $B < 10^{-4}$ cts/(keV kg y)
- Estimate background due to neutron activated isotopes (in progress)
During calibration mostly ^{41}Ar plus ^{51}Cr , ^{56}Mn , ^{59}Ni in the cryostat wall
- Source production

Calibration System

- Test motor for lowering system (this week)

Pulse Shape Analysis

- Updating MaGe on Phase I detector specifications (started)

Data Analysis

- See Laura's talk tomorrow