



First Test of a Large-volume CdMoO₄-based Low Temperature Detector for Neutrinoless Double Beta Decay Search

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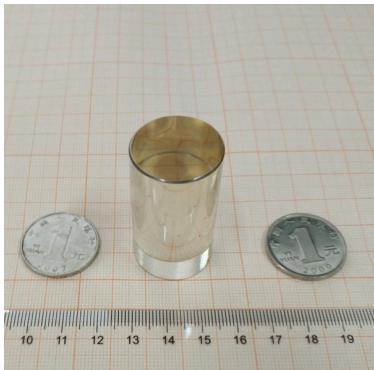
*State Key Laboratory of Particle Detection and Electronics
University of Science and Technology of China*



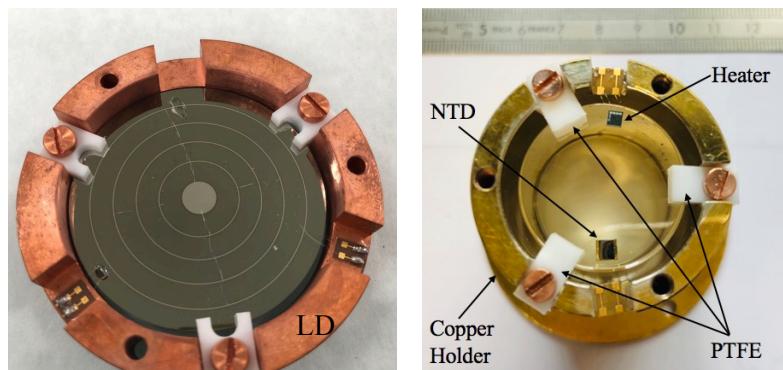
CdMoO₄ Bolometer



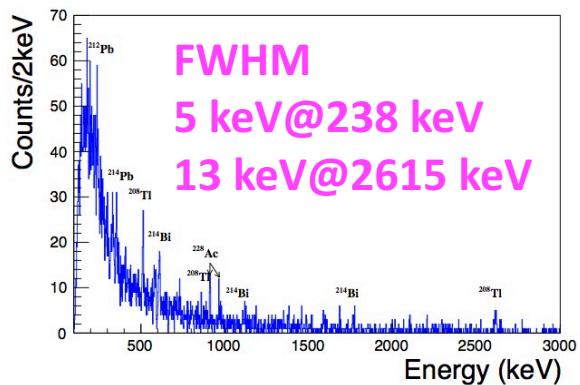
➤ CdMoO₄ crystal (Ningbo Univ.)



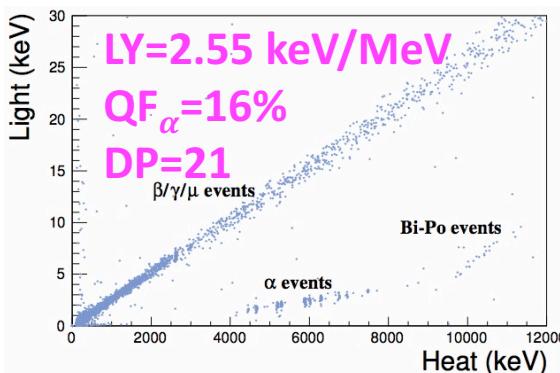
➤ Assembly in CSNSM (Orsay France)



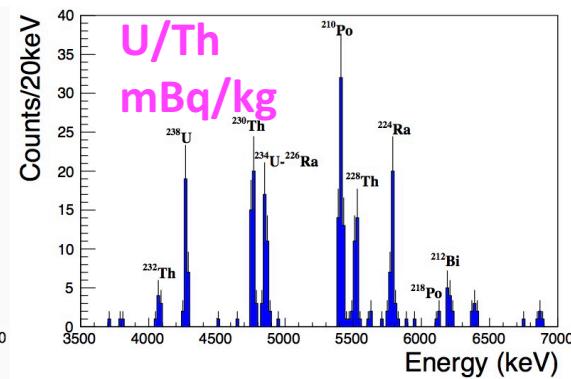
➤ Measurement results



Energy Spectrum



Light-Heat Plot



α Contamination

- ✓ Crystal purification
- ✓ China Jinping Underground Lab running