

Production of low background scintillating crystals for underground experiments in Korea

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- Extremely rare-process search underground-experiments in Korea
 - AMoRE: $0\nu\beta\beta$ decay ^{100}Mo in molybdate crystals
 - COSINE-200: WIMP search using NaI(Tl) crystals
- Radioassay (ICP-MS, HPGe, alpha)
- Purification of raw materials
 - Li_2CO_3 , MoO_3 , CaCO_3 , NaI
- Crystals' growths at CUP
 - Clean materials and environment
- Low background scintillating crystals

Poster 110

