

## Anisotropic response of ZnWO<sub>4</sub> crystal for neutrons

ZnWO<sub>4</sub> crystal was reported that the scintillation light output has the direction dependence on the crystal orientation. Thus we are developing a direction sensitive dark matter detector utilizing the anisotropic response of ZnWO<sub>4</sub> crystal.

In this talk, we will present results of the measurement of the quenching factor and anisotropic response of the ZnWO<sub>4</sub> crystal for mono-energetic neutron source provided by the National Institute of Advanced Industrial Science and Technology, in Japan.

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