



ID de Contribution: 7

Type: **Non spécifié**

The SciCryo optical cryostat and BGO scintillation temperature dependance

vendredi 6 juin 2008 16:05 (25 minutes)

The optical cryostat “SciCryo” has been built in aim to study scintillation of cristals at low temperature down to 4K. Its geometry is specially optimized to get a maximal light collection.

Our firsts experiments were to sudy the increase of the decay time and the light yield of a BGO cristal with the temperature.

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