Optical properties of light shielding sheets for the Hyper-Kamiokande detector

M1 shiba hayato





From experiment result , to satisfy request value ($<\!10^{\text{-4}}$) , we should adapt more than 100 um blacksheet.

In this set up, we can realize below 0.1 % error experiment. \rightarrow Experiment error is enough to confirm request value(<5%)

• Measure transmittance and reflection in water