

Sensitivity of T2HK using the simple fitter

Monday 21 July 2014 09:10 (20 minutes)

We will present the sensitivity studies for the Hyper-Kamiokande experiment assuming 7.5MW total integrated POT and 320 kA horn current.

The systematic errors from a few different sources have been included: near detector (ND280) fit constrained parameters, parameters non-constrained by the near detector fit, Hyper-K detector systematics (rescaled from the Super-K one) and FSI parameters.

We will describe both the studies included in the 2014 LoI and recent extensions.

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Session Classification: Physics Potential