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Subject: LYCCA ToF scintillators

Posted by [a\\_boso](#) on Wed, 07 Oct 2015 08:09:48 GMT

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Dear all,

I am trying to use ToF Start scintillator to get position informations.

Looking at the code I saw the possibility to use a "x\_shear" parameter, which permits to introduce a "y-dependent" offset on the x position.

Which is the physical meaning of this quantity? How can I optimize it?

More generally, do you know how can I optimize the position information of the Lycca ToF scintillators? Which resolution should I expect?

Last question:

Could you please share the positions of the PMTs you have in the Lycca/Lycca/Membrane.par file for the ToFStart and ToFStop scintillators?

I have more than one set, and I don't know which one is the right one.

Thank you very much!

Alberto

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