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Subject: Re: Position calculations on start/stop scintillators

Posted by [thuyuk](#) on Tue, 12 May 2015 11:06:39 GMT

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Hi Michael,

thanks for the piece of code to create the correlation plots of the Lycca scintillator together with the Sci41.

I plotted them and saw something like the attached image.

What I don't understand is why do you see a triple-like structure, and I don't. How one should determine the malfunctioning PMT by looking at these plots? I get, as you can see, that some of the PMTs produce double-like structure and some of them not; just to be precise, 15 of them produce a double-like structure. What all these mean? Why we should see triples? My instincts say that there is still one or more malfunctioning PMTs; and do you think trying different combinations of ignoring them would be the best option to make everything work properly?

Sorry for too many questions. I understand that the analysis of these detectors are complicated. I might addressed my questions to Michael, but anybody who has the understanding is very welcome to bring explanation.

Thank you,  
Tayfun

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#### File Attachments

- 1) [Screenshot from 2015-05-12 12:56:22.png](#), downloaded 761 times

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