

## Kaon\_LT Experiment - Task #474

### SHMS\_Aerogel gain stability (Calibration)

05/21/2019 11:14 AM - Vladimir Berdnikov

<b>Status:</b>	Closed	<b>Start date:</b>	05/01/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Vladimir Berdnikov	<b>% Done:</b>	70%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>Made a code which checking aerogel gain stability. The code calculate single photoelectron peak mean value for each channel using Gaussian function and put results in a Ttree. Also wrote small script which access result.root file and plot final graph. The example of stability plot is attached. Code optimization still needed and I am playing around fit method because it affecting the result and interpretation of it. If taking into account that we have 1.5 photoelectron cut on aerogel we in a good shape in terms of stability.</p>			

#### History

#1 - 07/08/2020 03:45 PM - Richard Trotta

- Status changed from In Progress to Closed

#### Files

Aerogel_test_100k.png	10 KB	05/21/2019	Vladimir Berdnikov
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