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Subject: Re: Need of a preamplifier

Posted by [Sascha Freuen](#) on Mon, 09 Aug 2004 20:45:47 GMT

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Conditioning of Chamber L2C0#3:

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Approaching the following settings in steps of 50V AnodeVoltage, after each step waiting till the Anodecurrent goes down under 10 nA :

AnodeVoltage = 1600 V , DriftVoltage = - 1935 V

3 times in the first hours with this settings the trip-current of 5 uA was reached, although besides the Anodecurrent seemed to be on a constant lvl of ~ 5 nA

During a second measurement over night (during first night a current trip happend) we saw this strange? progression of the Anodecurrent :

The next night everything seemed to be pretty normal :

During one more test with DriftVoltage = -2100 V the Anodecurrent was constantly ~6 nA

I propose to implement a new forum-section "Alice TRD Chamber testing"

Regards

Sascha

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