Subject: Measurement with Cd source
Posted by Rainer Schicker on Fri, 22 Jul 2005 09:53:53 GMT
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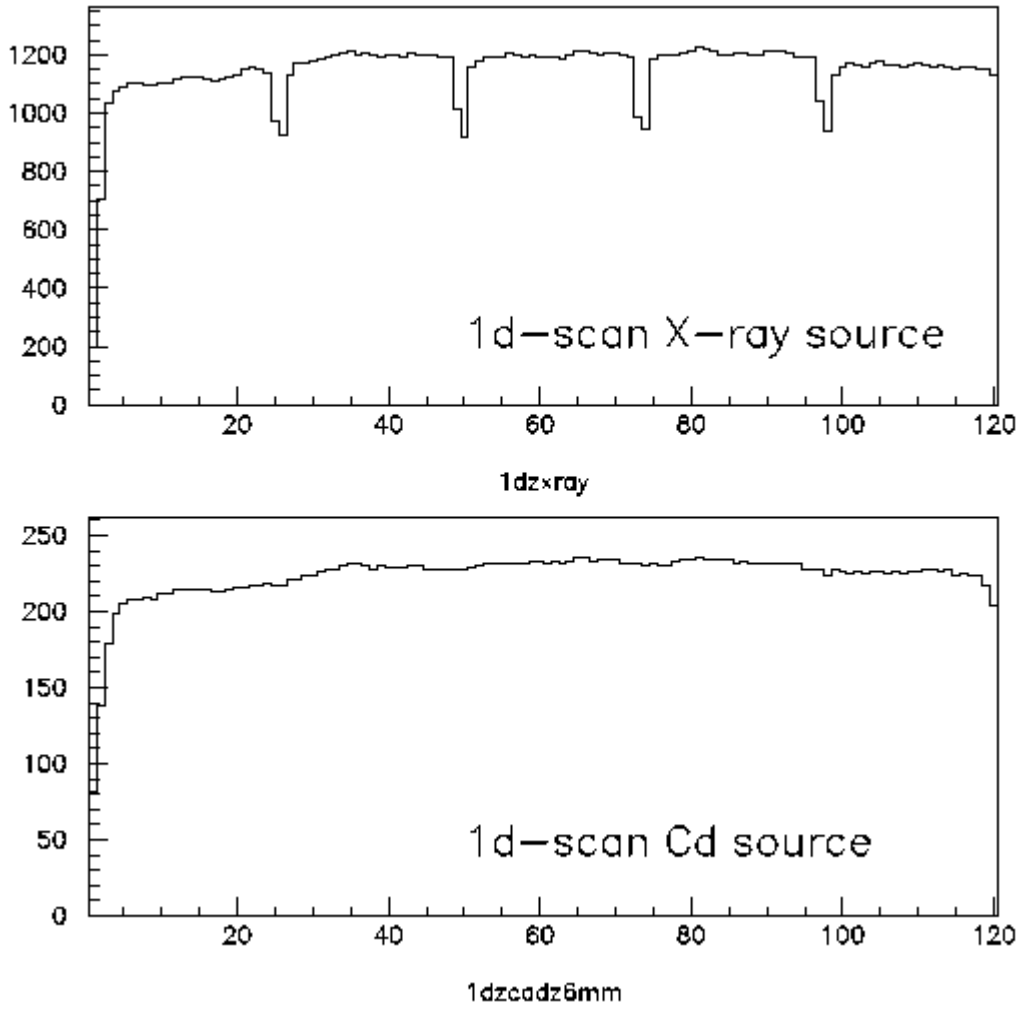
As discussed at Heidelberg we started making some chamber measurements with a 109Cd source as alternative to the 55Fe source and the X-ray tube. Nominal activity of the Cd source is 740MBq. The 1-d scan does not show the radiator bars as expected due to the higher photon energies of the Cd source of about 12 and 22 keV, respectively. I include a 1-d and a 2-d scan of both the X-ray tube and the Cd source for comparison.

regards

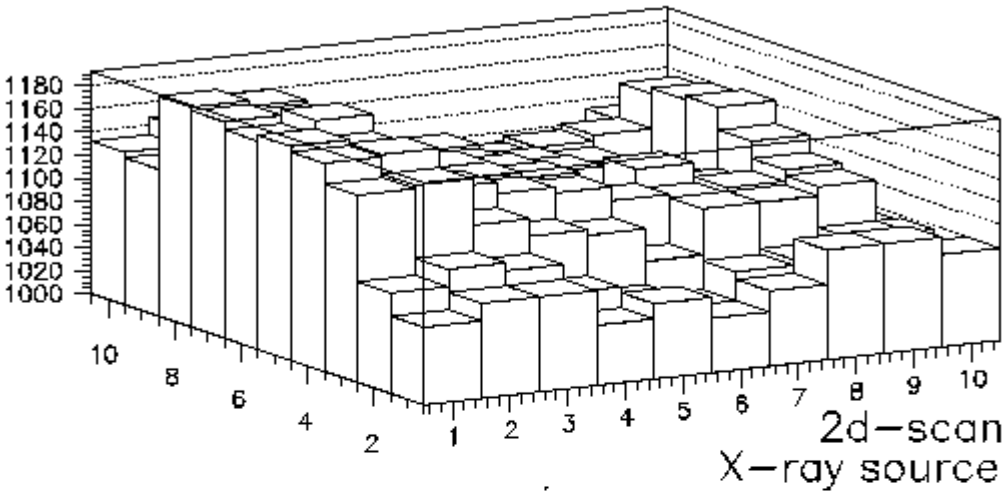
Rainer

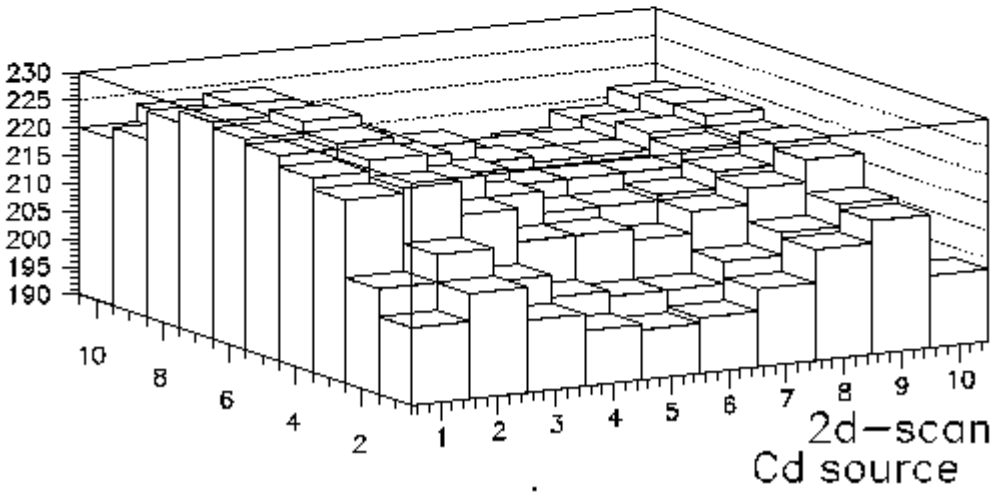
File Attachments

1) 20g_1d.gif, downloaded 3999 times



2) 20g_2d.gif, downloaded 4039 times


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2d−scan
X−ray source


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2d−scan
Cd source