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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  $^{109}\text{Cd}$  source as alternative to the  $^{55}\text{Fe}$  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.

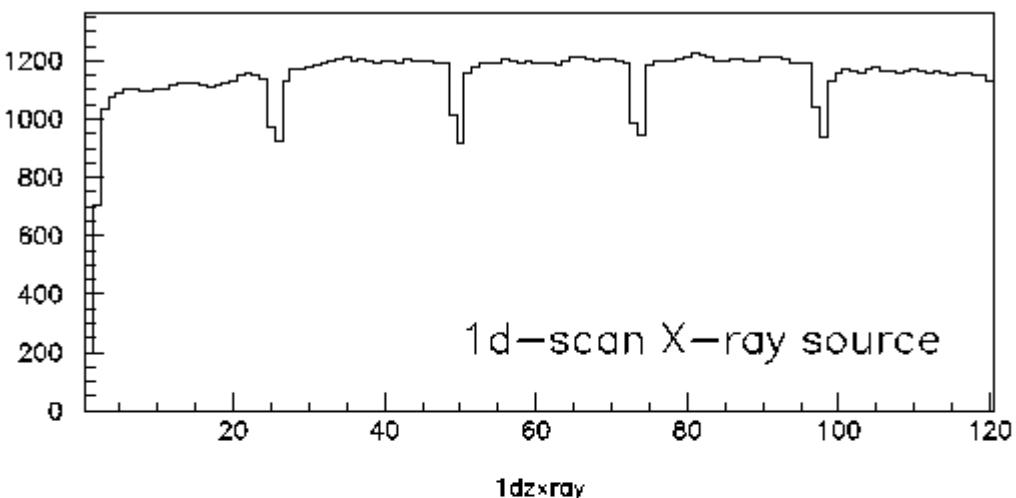
regards

Rainer

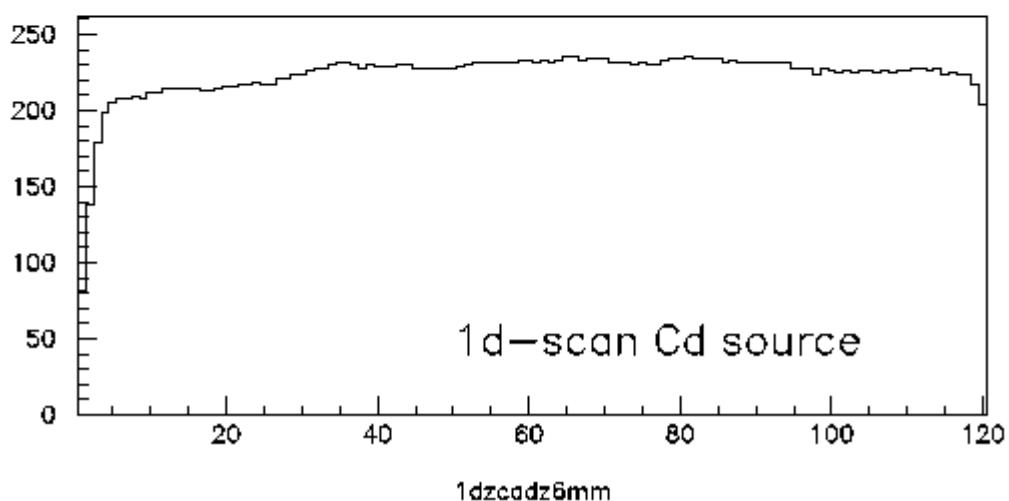
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#### File Attachments

1) [20g\\_1d.gif](#), downloaded 3553 times



1dzxray



1dzcadz6mm

2) [20g\\_2d.gif](#), downloaded 3572 times

