

---

Subject: Measurement with Cd source

Posted by [Rainer Schicker](#) on Fri, 22 Jul 2005 09:53:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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.

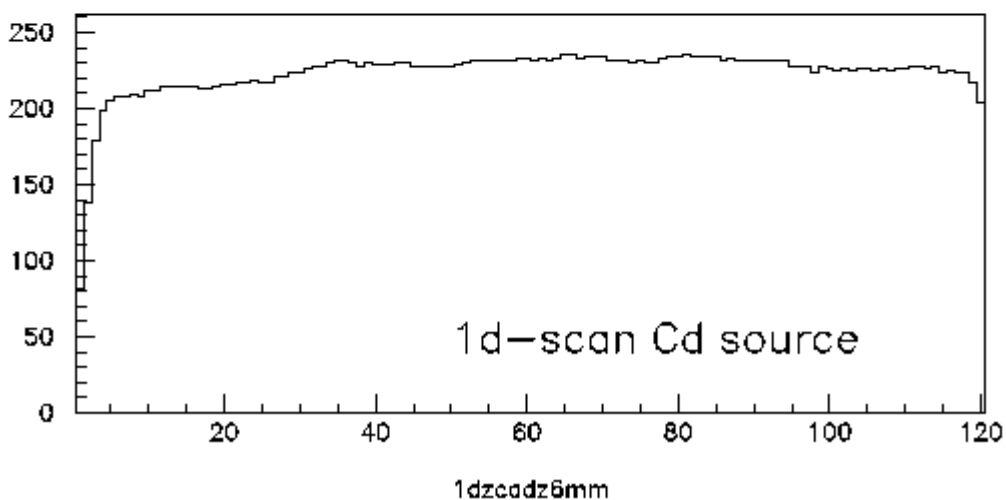
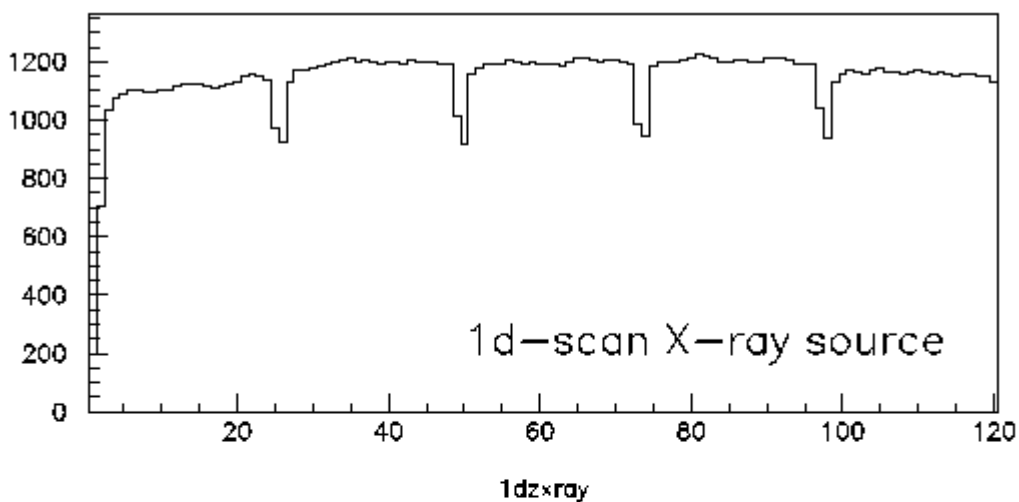
regards

Rainer

---

### File Attachments

1) [20g\\_1d.gif](#), downloaded 2720 times



2) [20g\\_2d.gif](#), downloaded 2687 times

