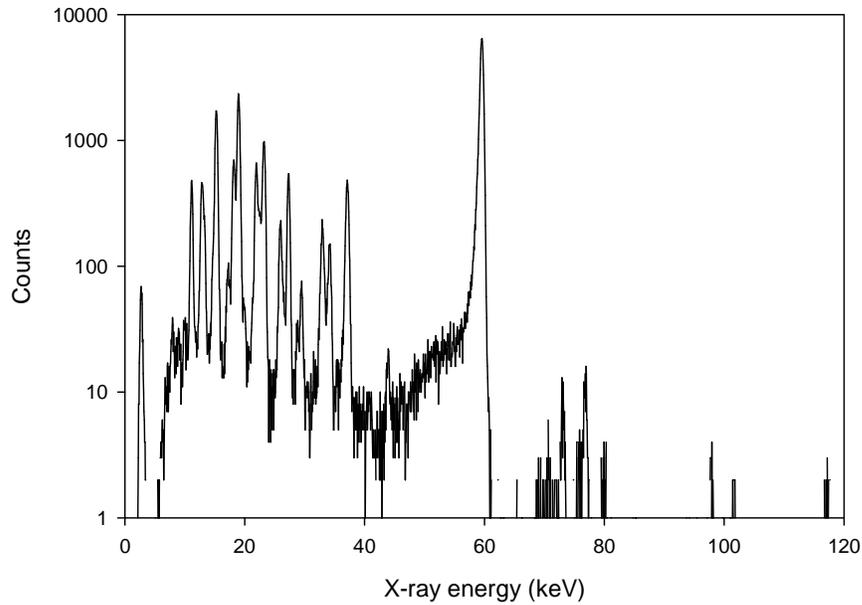
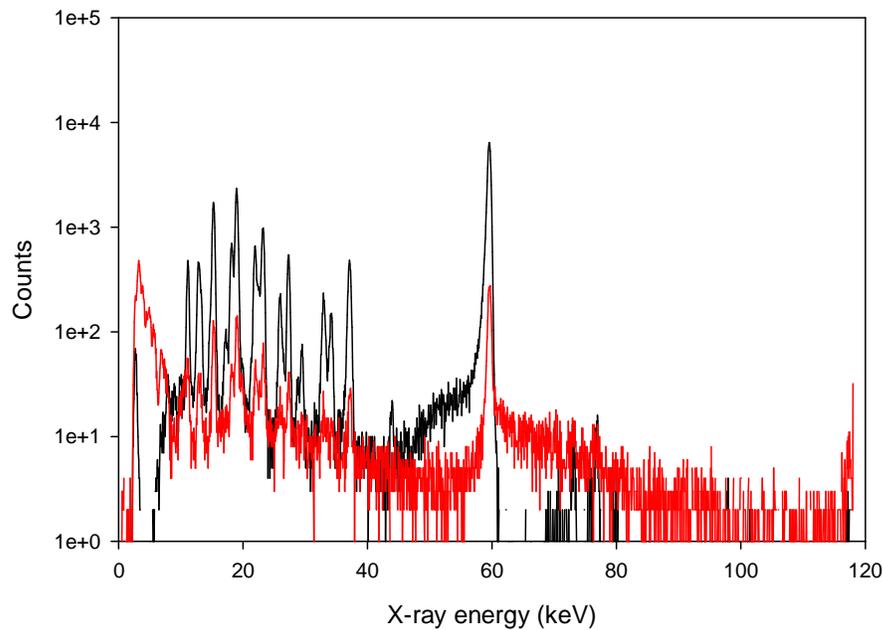


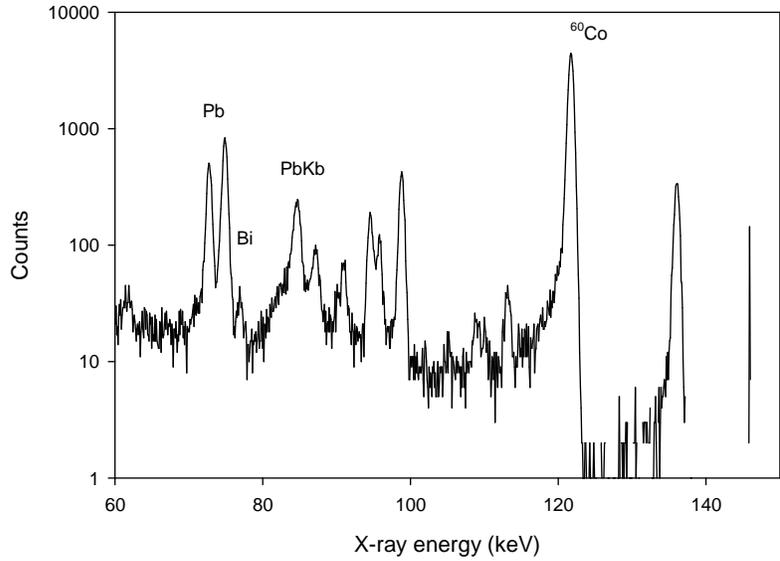
*Spectra of CdTe detectors measured with the Cambridge Scientific fully digital pulse processor.*



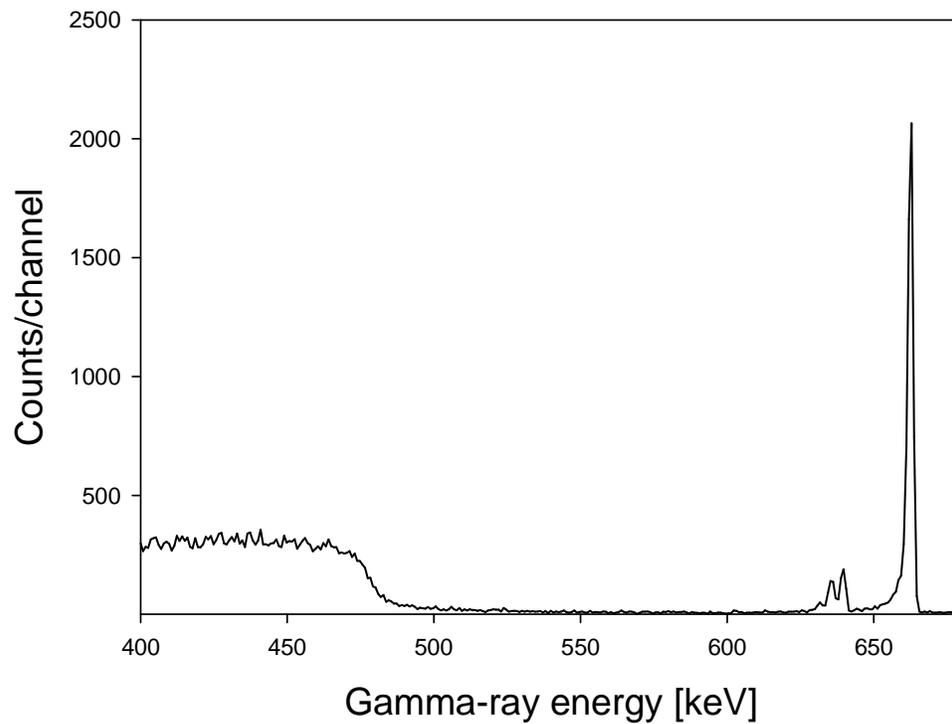
The spectrum of an Americium source measured with a Cd(te) PIN diode, and the CSX4 Digital pulse processor.



In any measurement it is necessary to know the true input rate and also what type of signal was rejected. The red line presents the rejected spectrum. Here the discriminators were set to reject only the very different signals.



The accepted spectrum of a  $^{60}\text{Co}$  radioactive source. A lead absorber were used between the source and the and the detector. Underneath the lead  $\text{K}\beta$  lines are the backscattered Compton lines of the 120 keV gamma lines.



A spectrum of the 661.65 keV gamma line of  $^{137}\text{Cs}$ , measured with a CdTe ( $3 \times 3 \times 1 \text{ mm}^3$ ). The well-resolved escape peaks demonstrate the resolution capability.