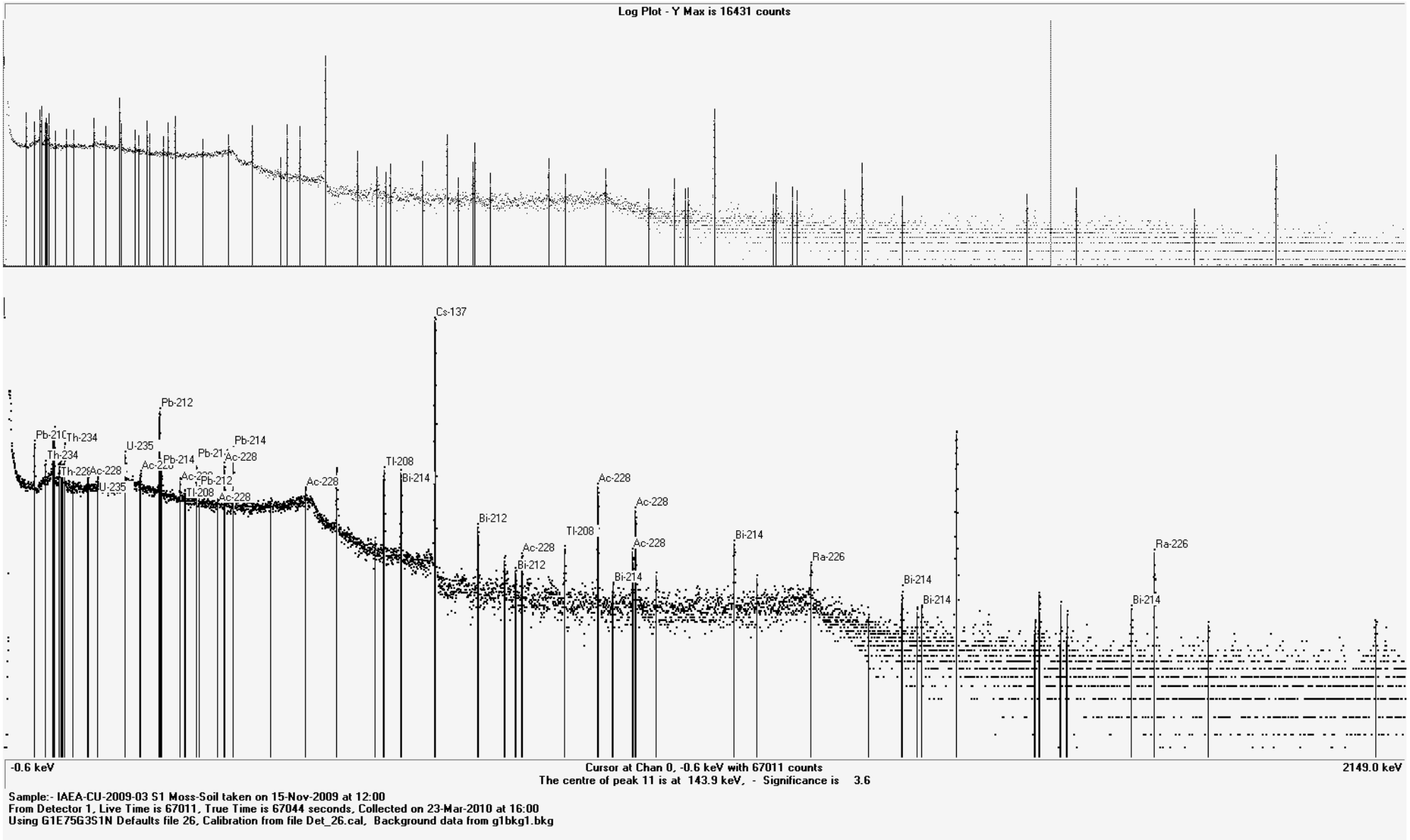
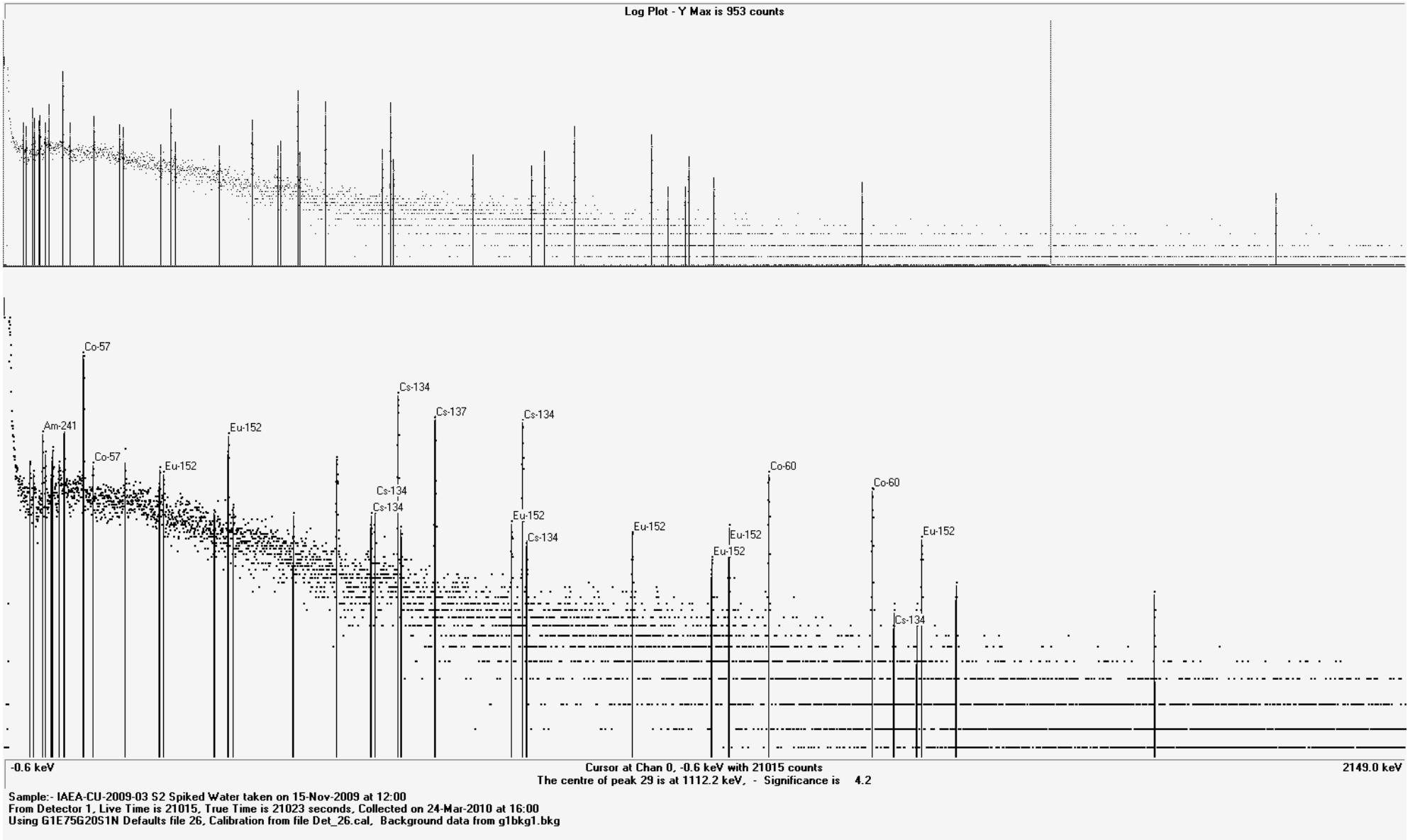
The IAEA-CU-2009-03 world wide open proficiency test on the determination of natural and artificial radionuclides in moss-soil and spiked water

Measured Gamma Spectrums and Calibration Plots
Laboratory Code: 124 (CuNo: 13949)

PT: IAEA-CU-2009-03 S1. MOSS-SOIL GAMMA SPECTRUM (EXPANDED)



PT: IAEA-CU-2009-03 S2. SPIKED WATER GAMMA SPECTRUM (EXPANDED)



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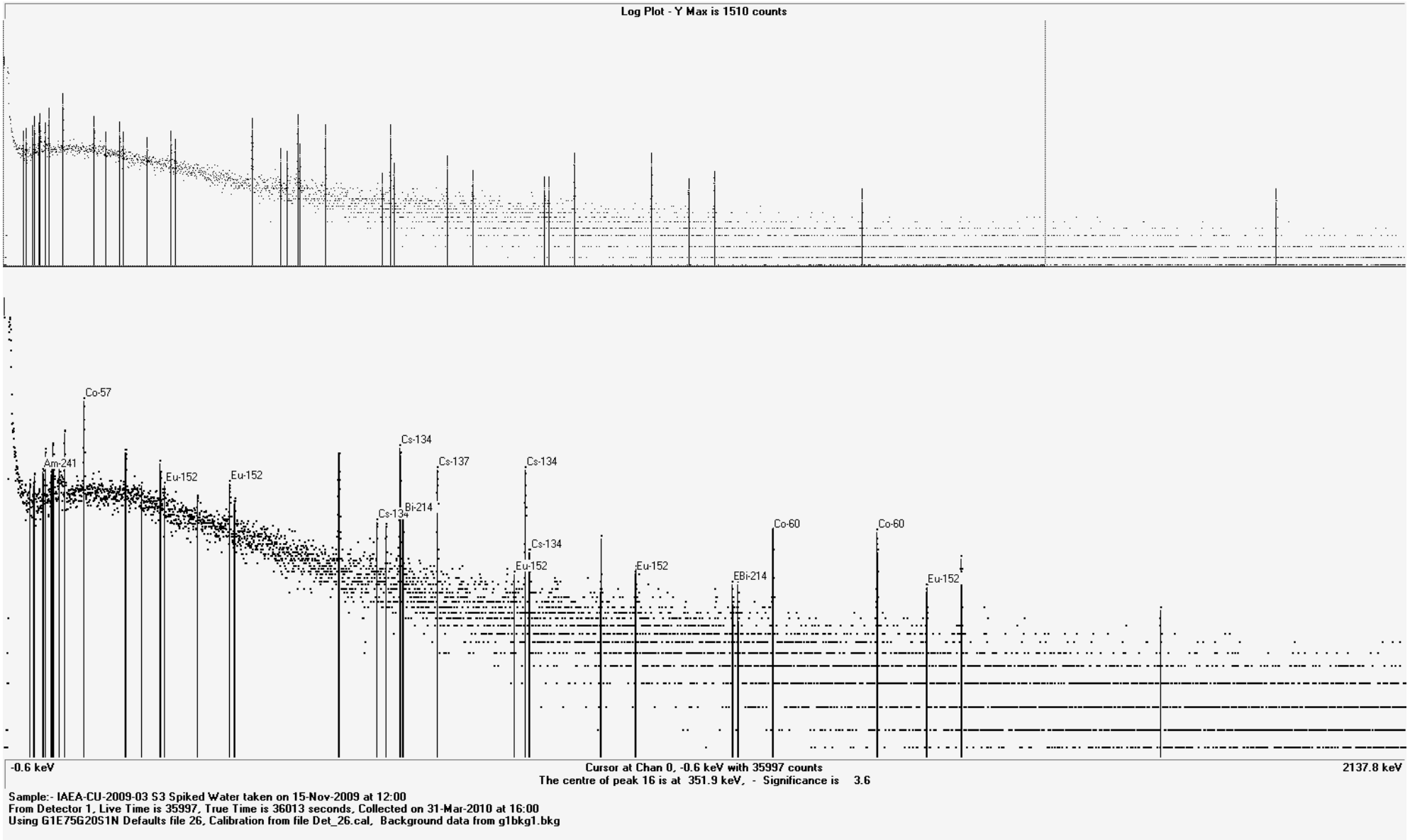

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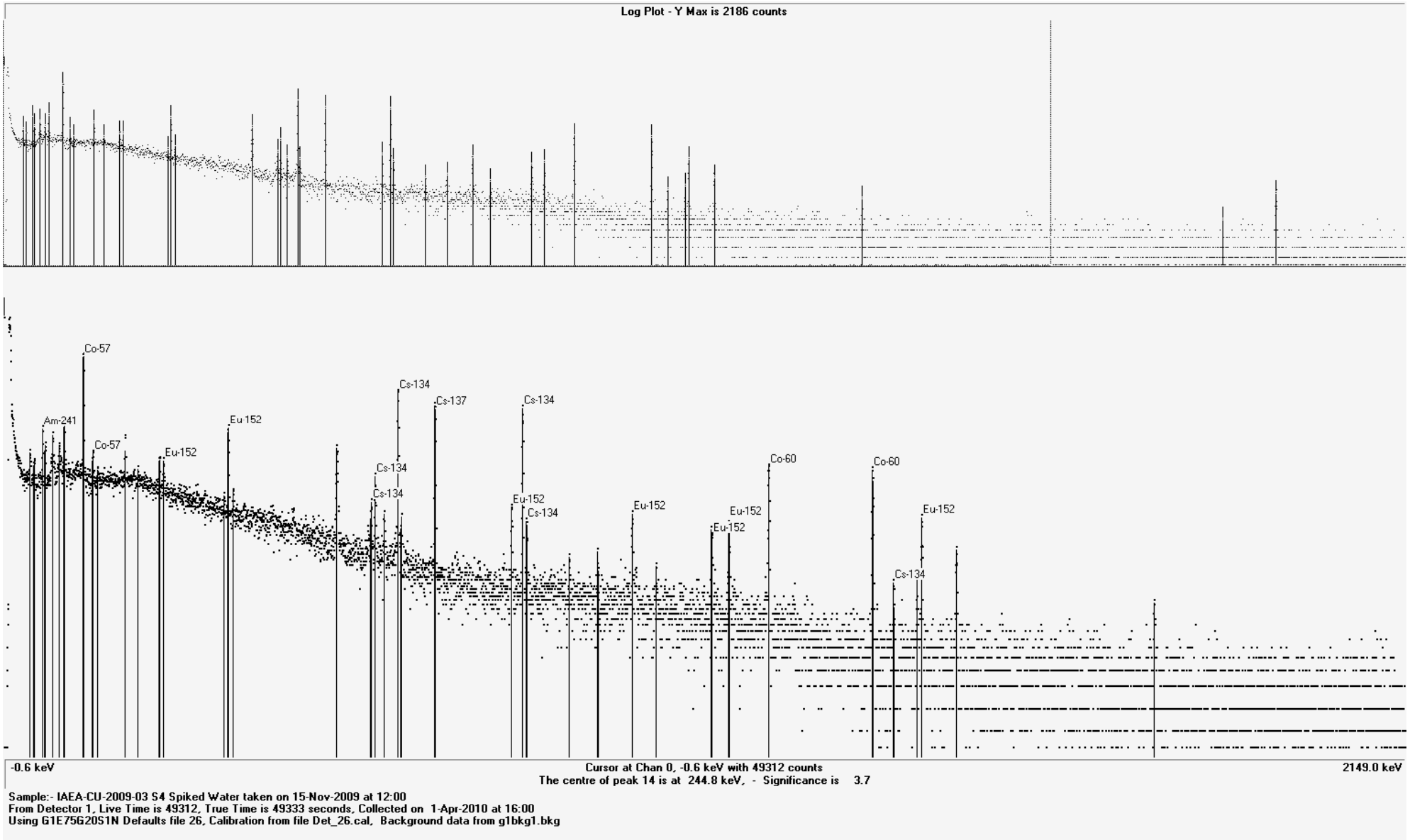
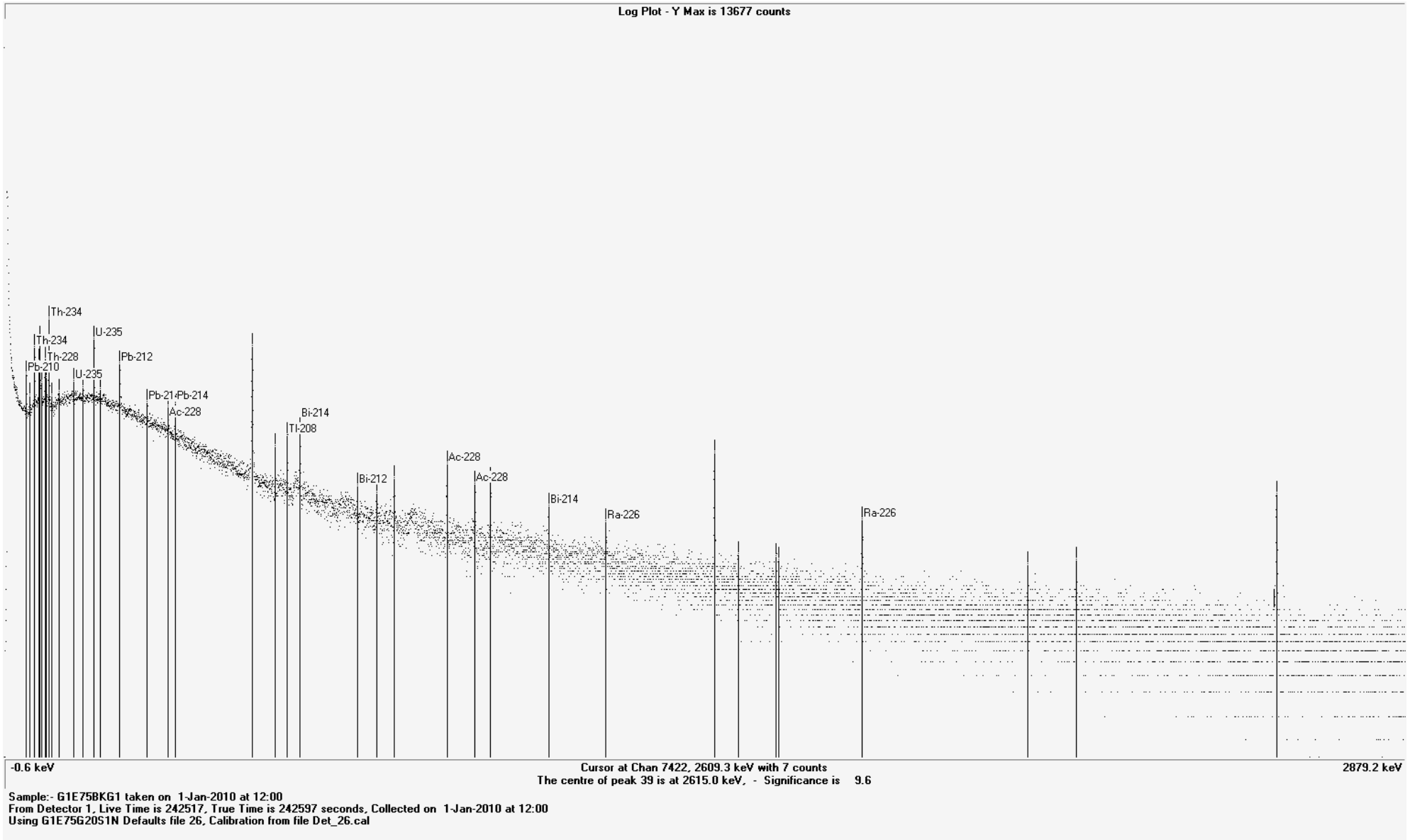
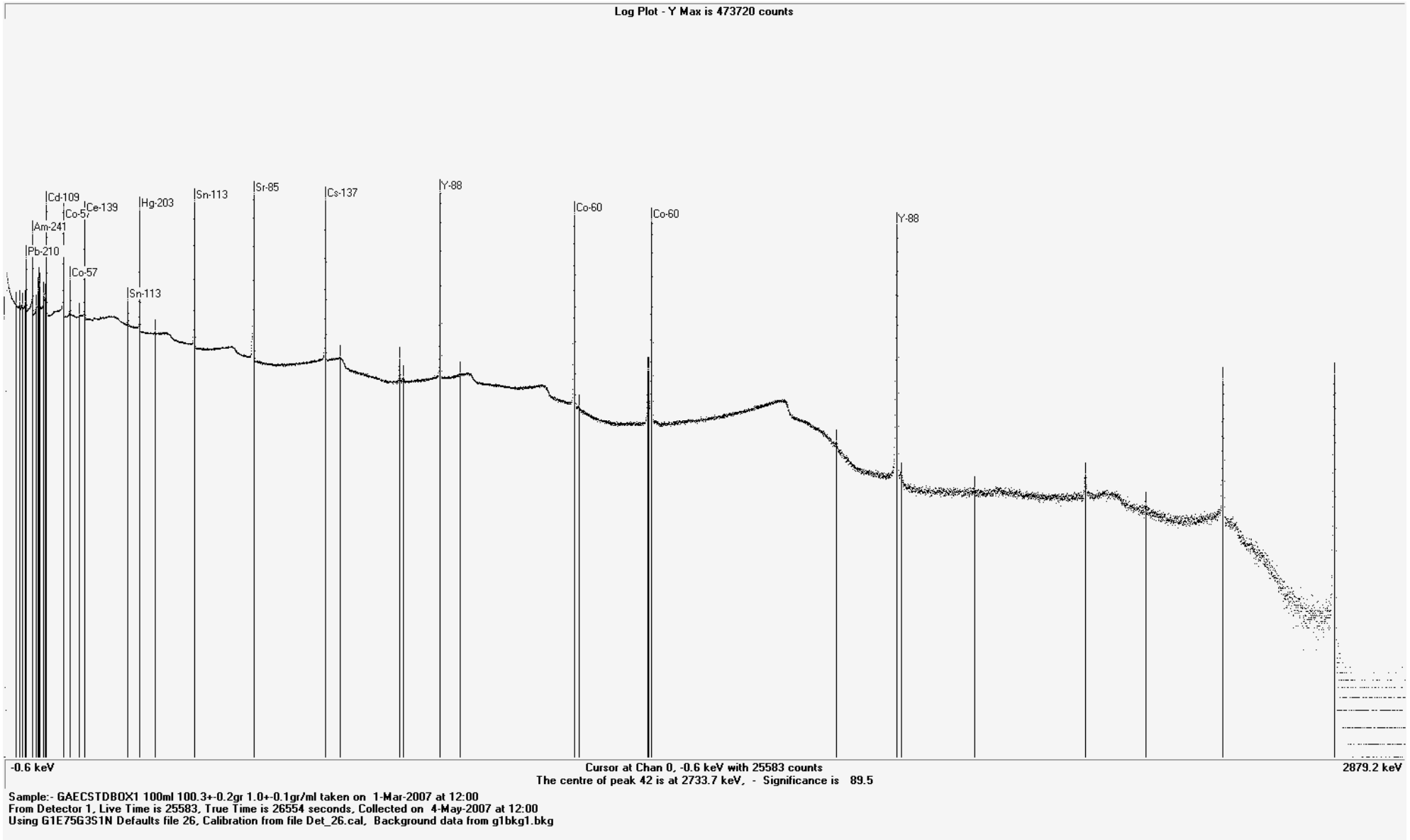


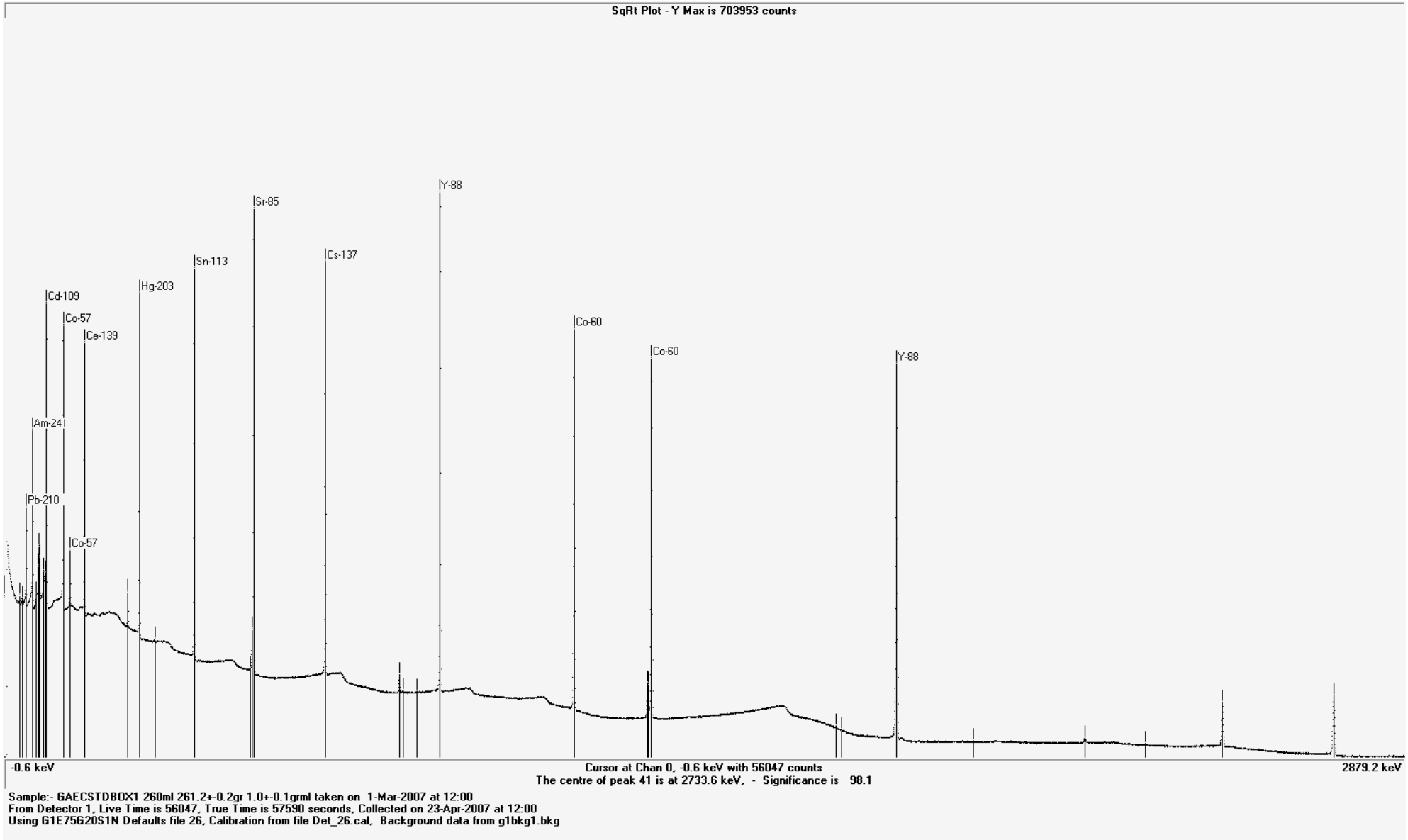
PT: IAEA-CU-2009-03. ENVIRONMENTAL BACKGROUND GAMMA SPECTRUM



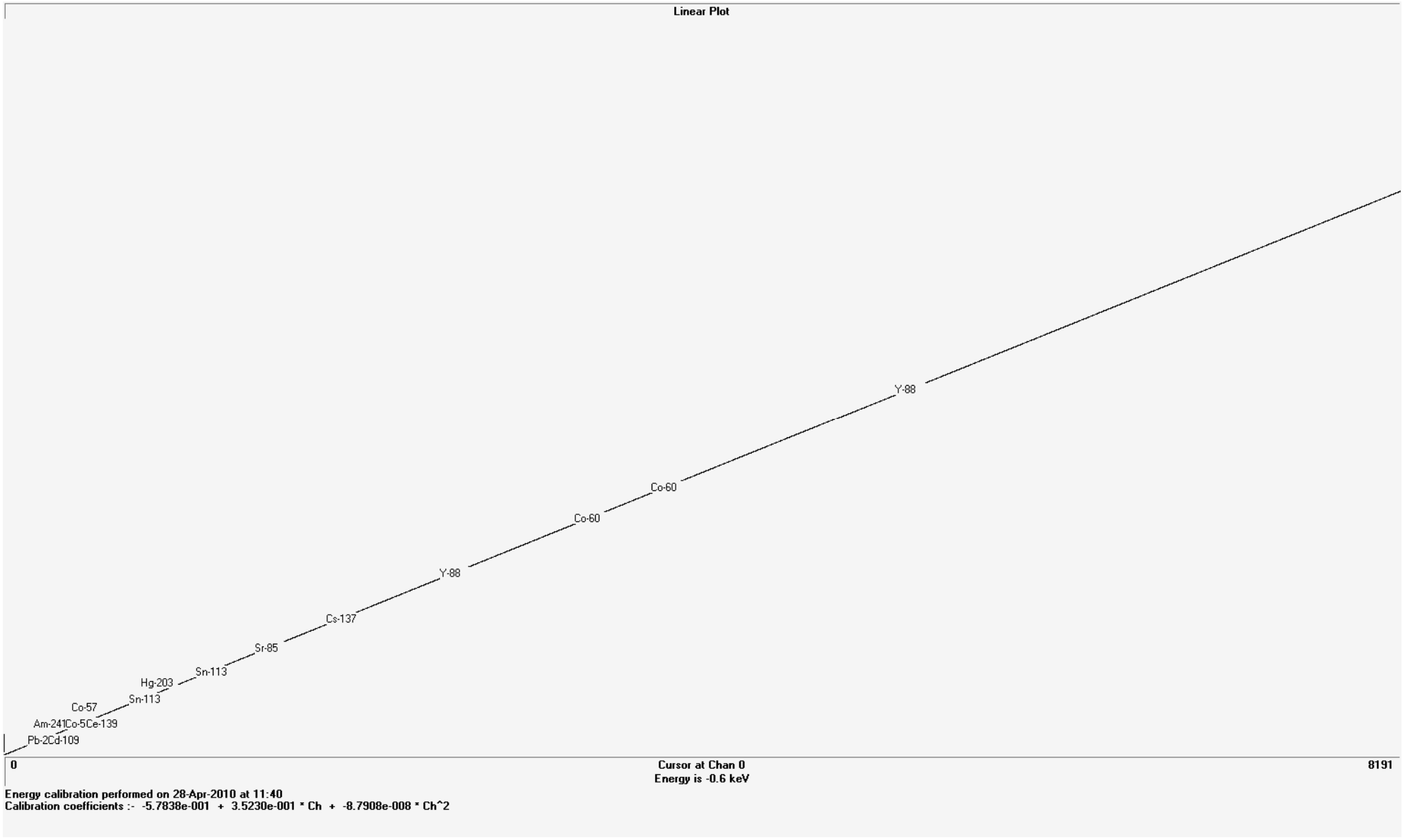
TYPICAL MULTINUCLIDE CALIBRATION STANDARD SOURCE USED IN OUR LABORATORY FOR SOIL'S GEOMETRY



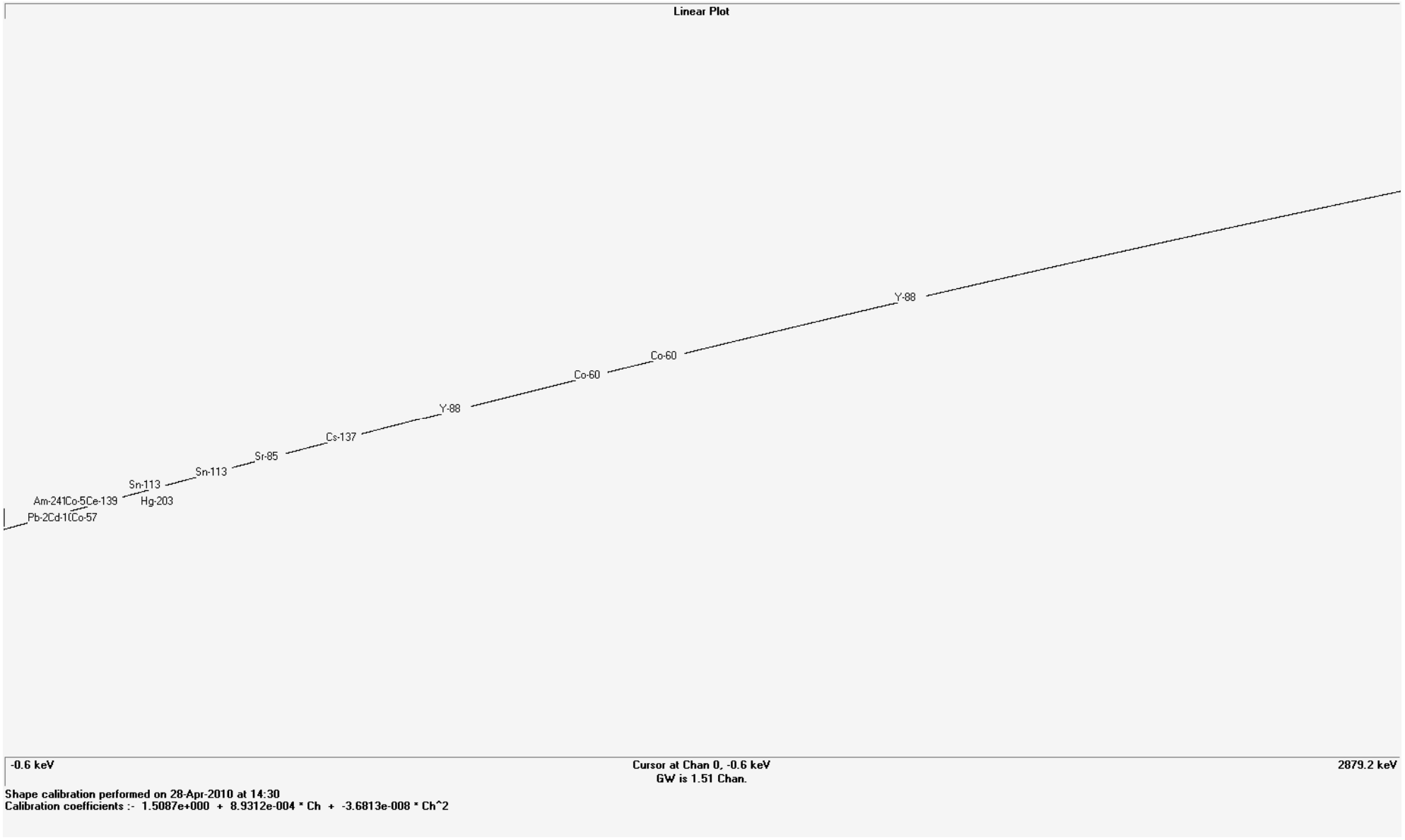
TYPICAL MULTINUCLIDE CALIBRATION STANDARD SOURCE USED IN OUR LABORATORY FOR SOLUTION/WATER'S GEOMETRY



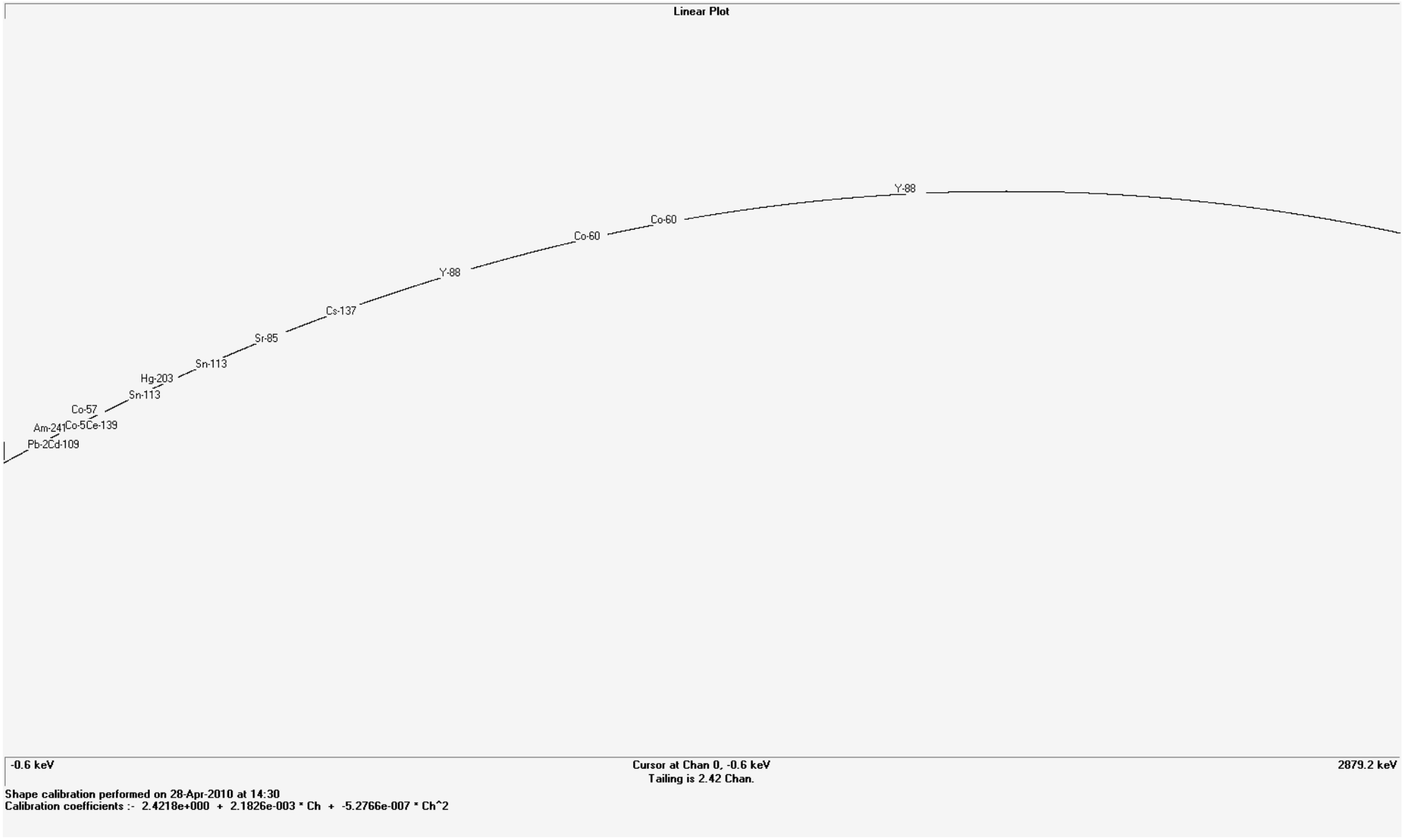
TYPICAL ENERGY'S CALIBRATION CURVE



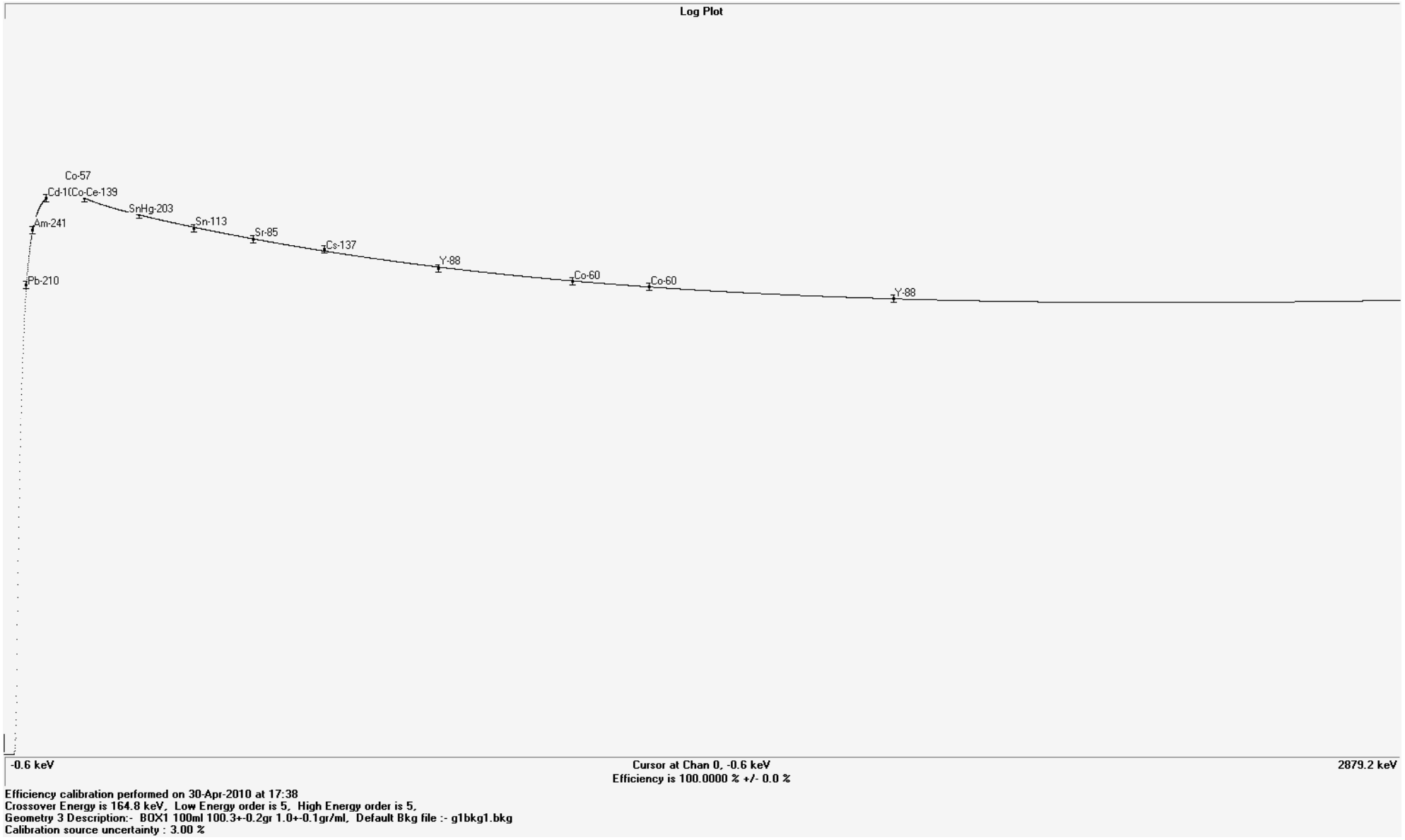
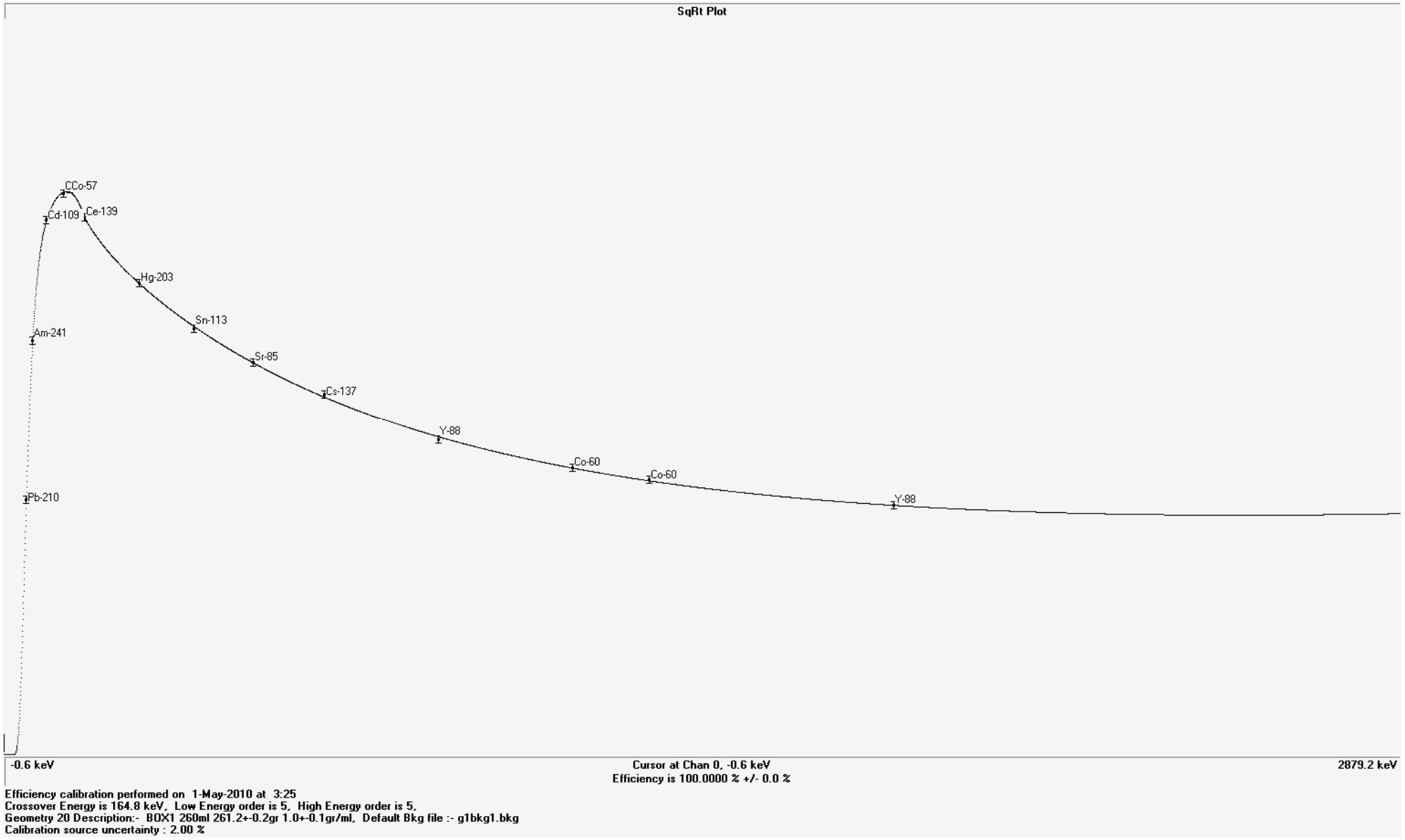
TYPICAL (GAUSSIAN) WIDTH'S CALIBRATION CURVE



TYPICAL LOW ENERGY'S TAILING CALIBRATION CURVE



TYPICAL EFFICIENCY'S CALIBRATION CURVE FOR SOIL'S GEOMETRY



TYPICAL EFFICIENCY'S CALIBRATION CURVE FOR SOLUTION/WATER'S GEOMETRY