



Light Element Flow Detectors

To enhance the detection of light elements in flow detectors, the traditional polypropylene windows have been replaced with synthetic windows that are 4 times stronger with improved x-ray transparency. No intermediate window is present between the analyte and detectors.

Light Elements Detected: Be, B, C, N, O, F, Na, Mg, Al, Si

Ionizing Gas: P-10

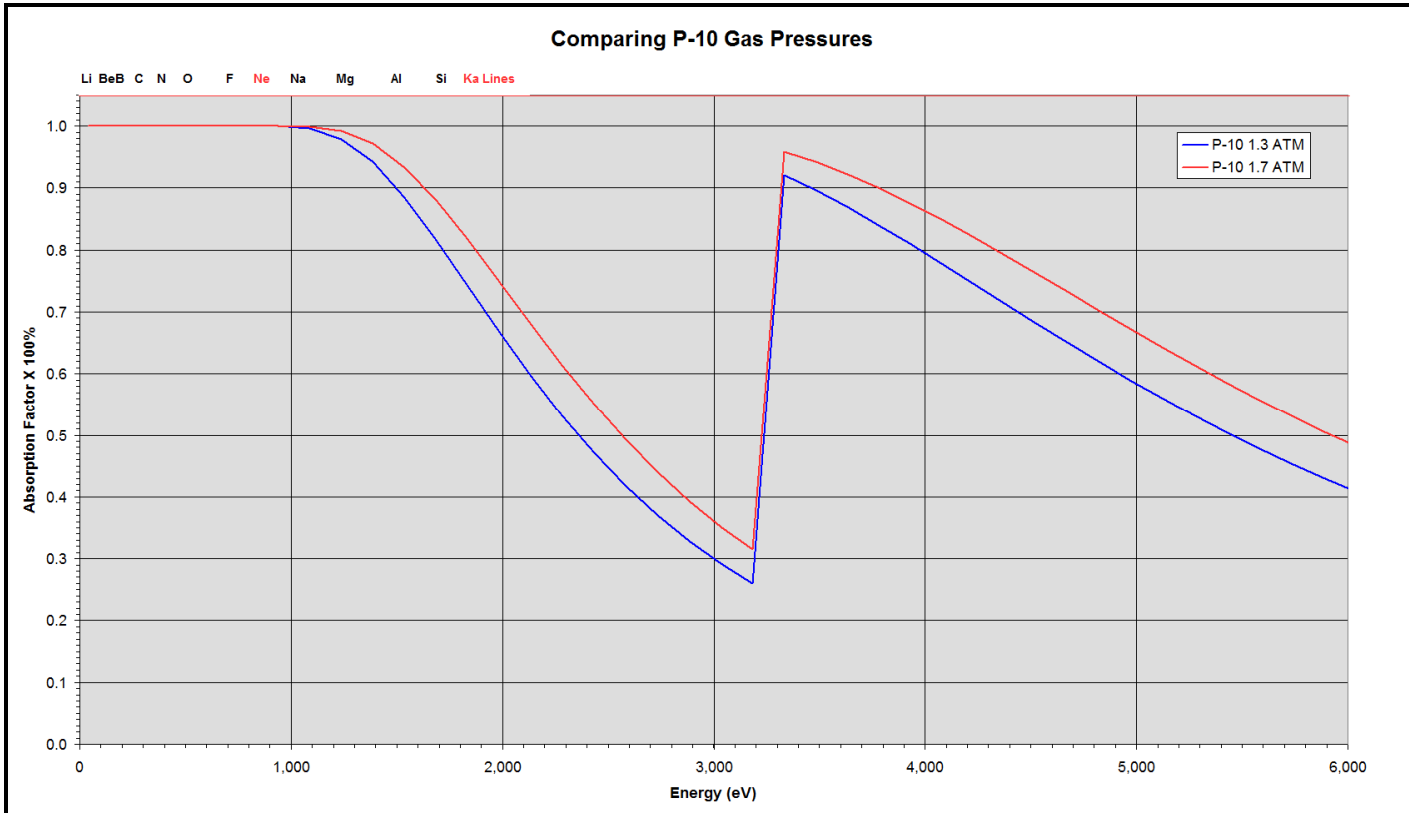


Figure 1: Absorption Chart for P-10 Ionizing Gas - Ideal Range: 0 to 1000 eV

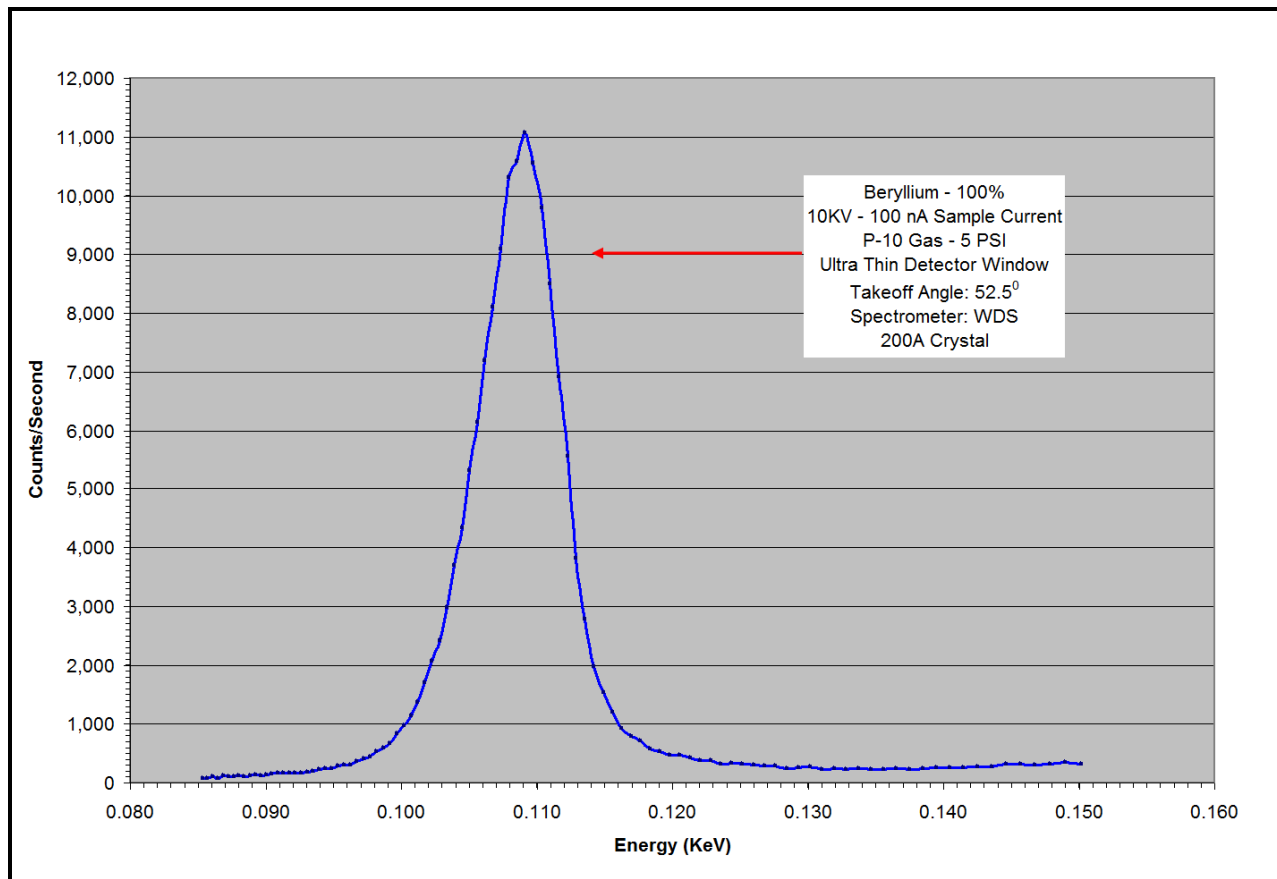


Figure 2: Pure Beryllium

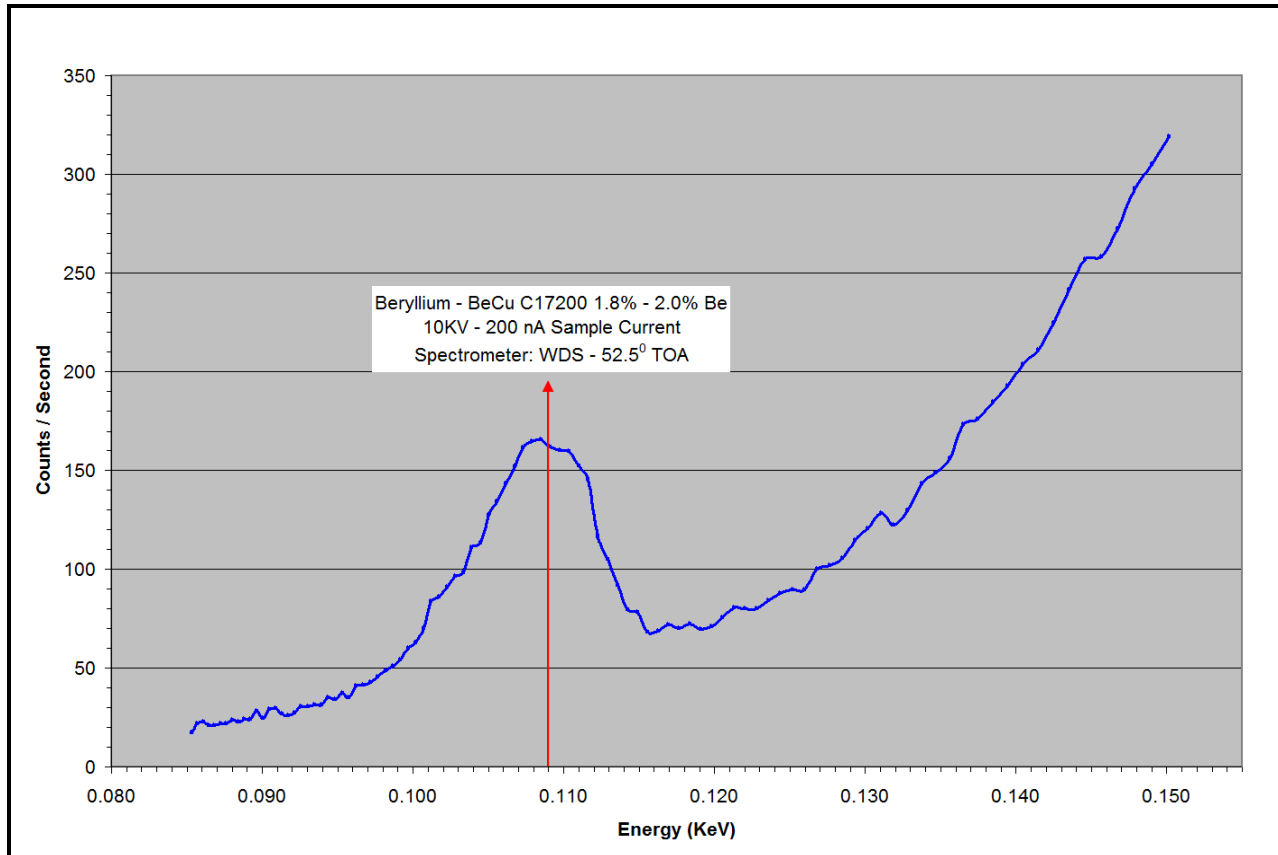


Figure 3: Beryllium in C17200 BeCu

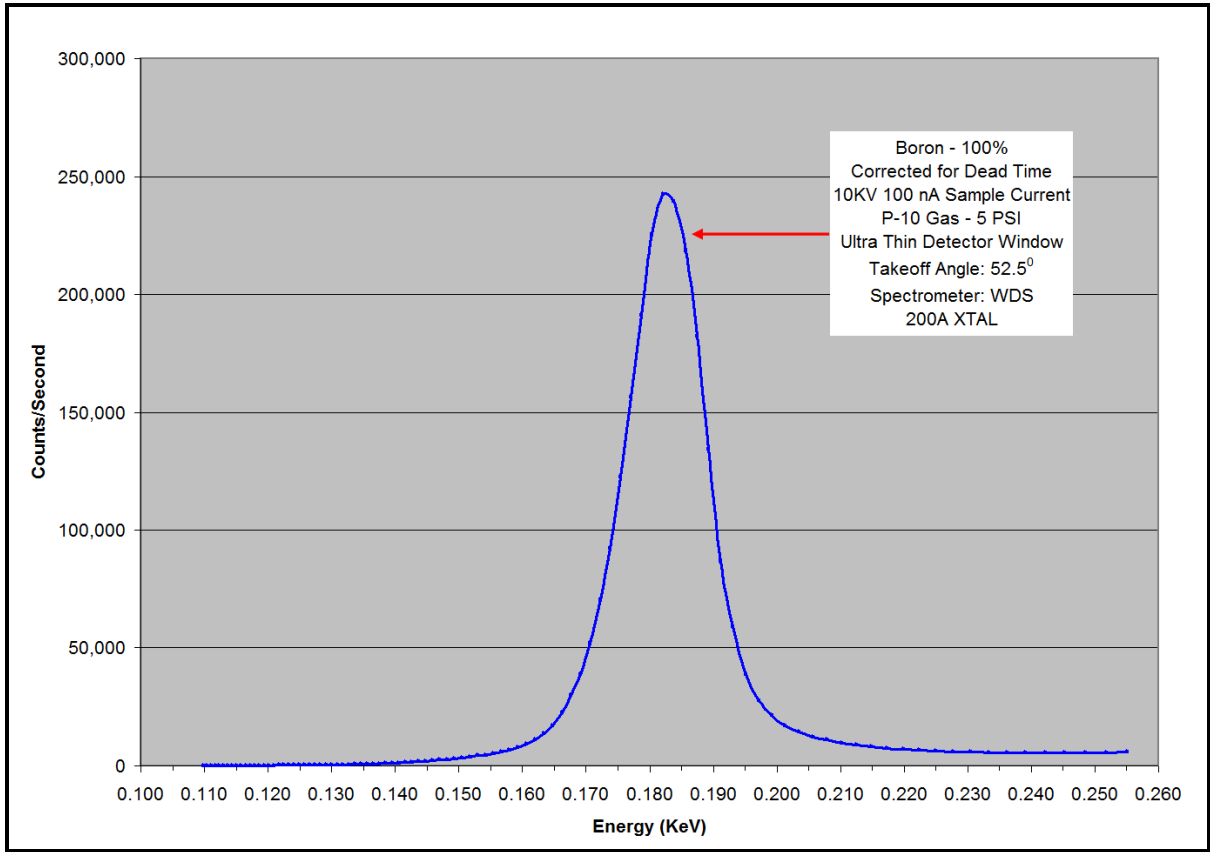


Figure 4: Pure Boron

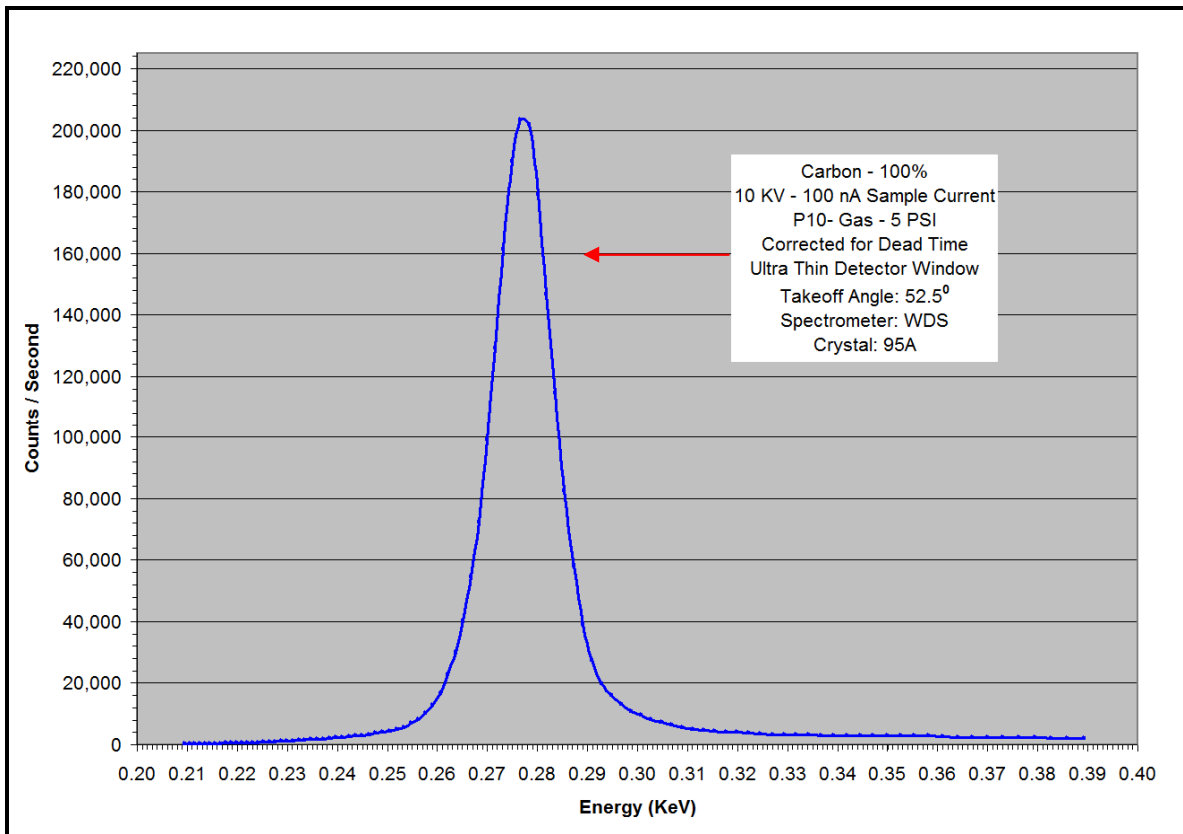


Figure 5: Pure Carbon

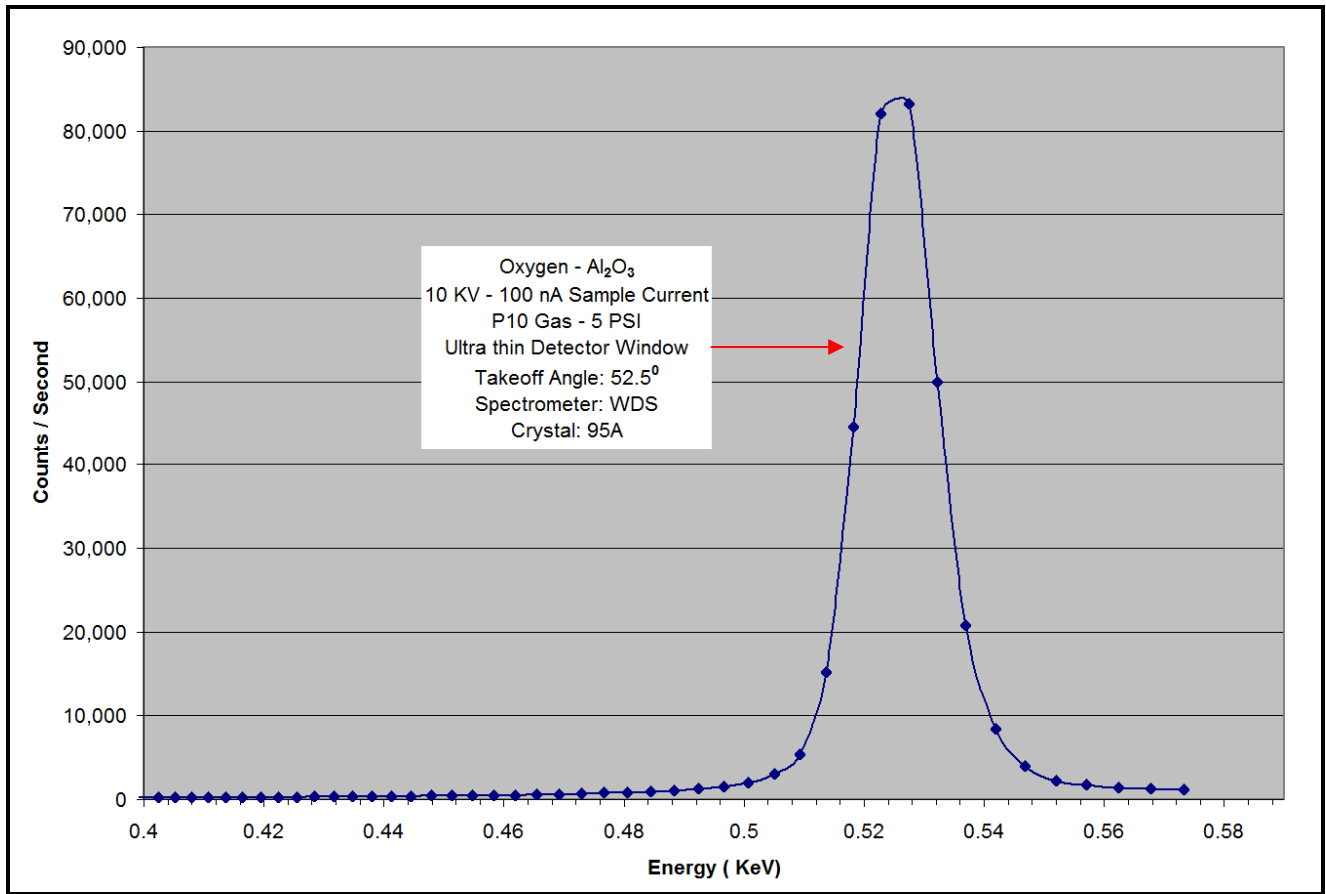


Figure 6: Oxygen in Al_2O_3 - Corrected for dead time