

DRAWINGS

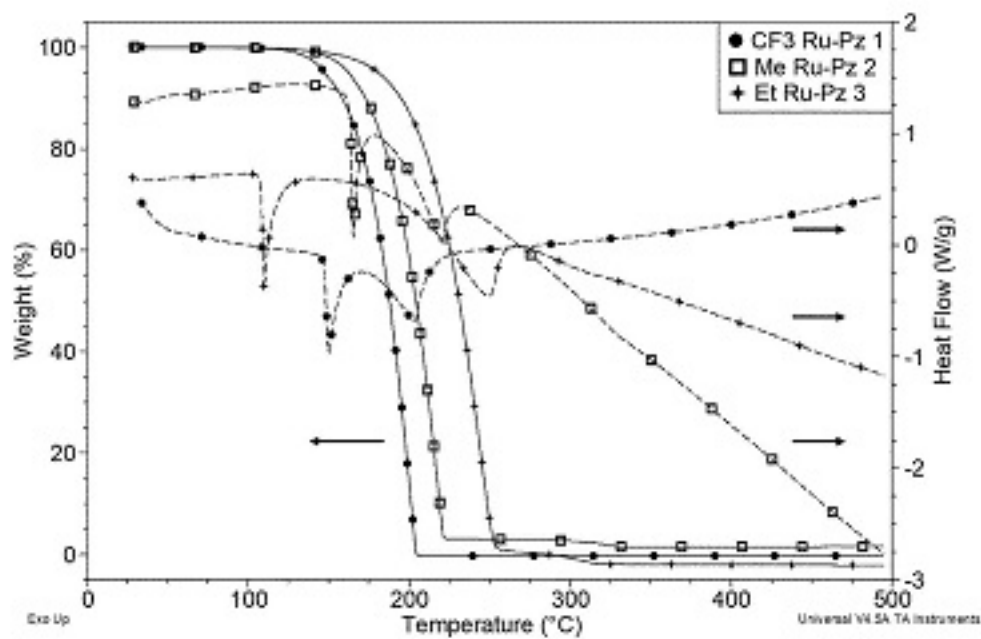


Figure 1

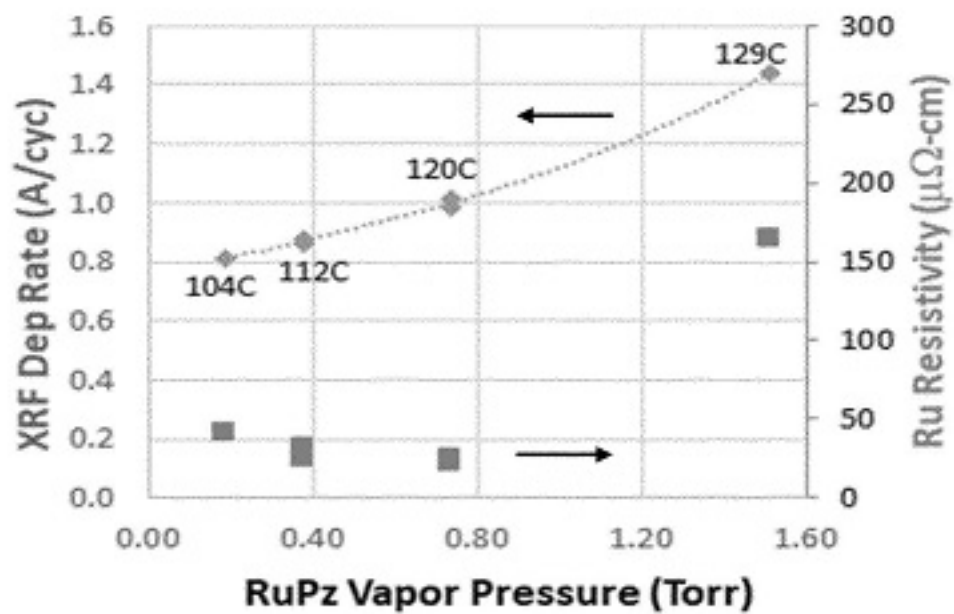


Figure 2

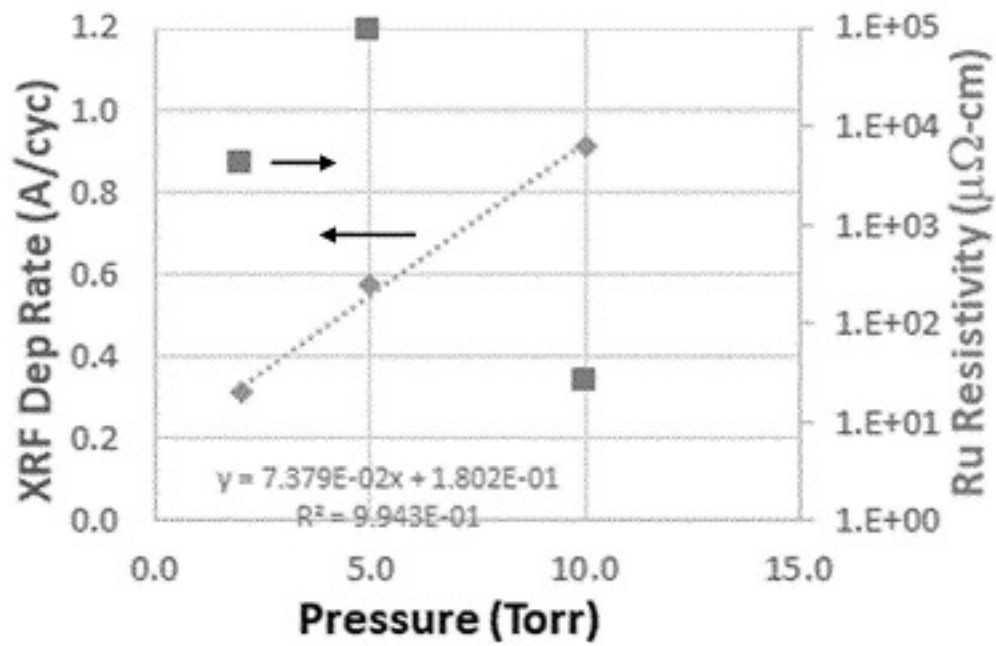


Figure 3

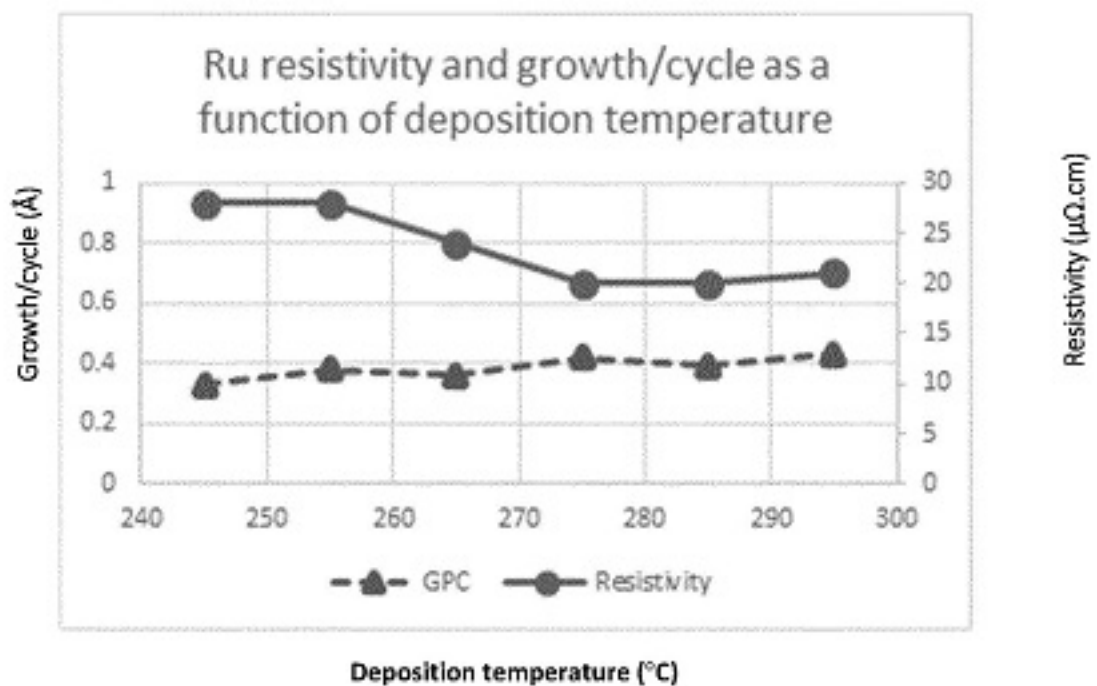


Figure 4A

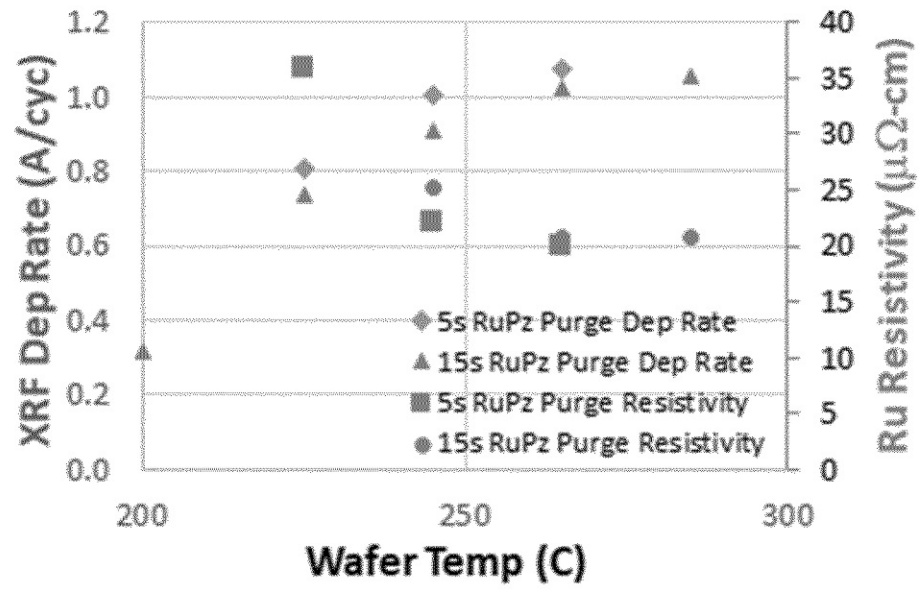


Figure 4B

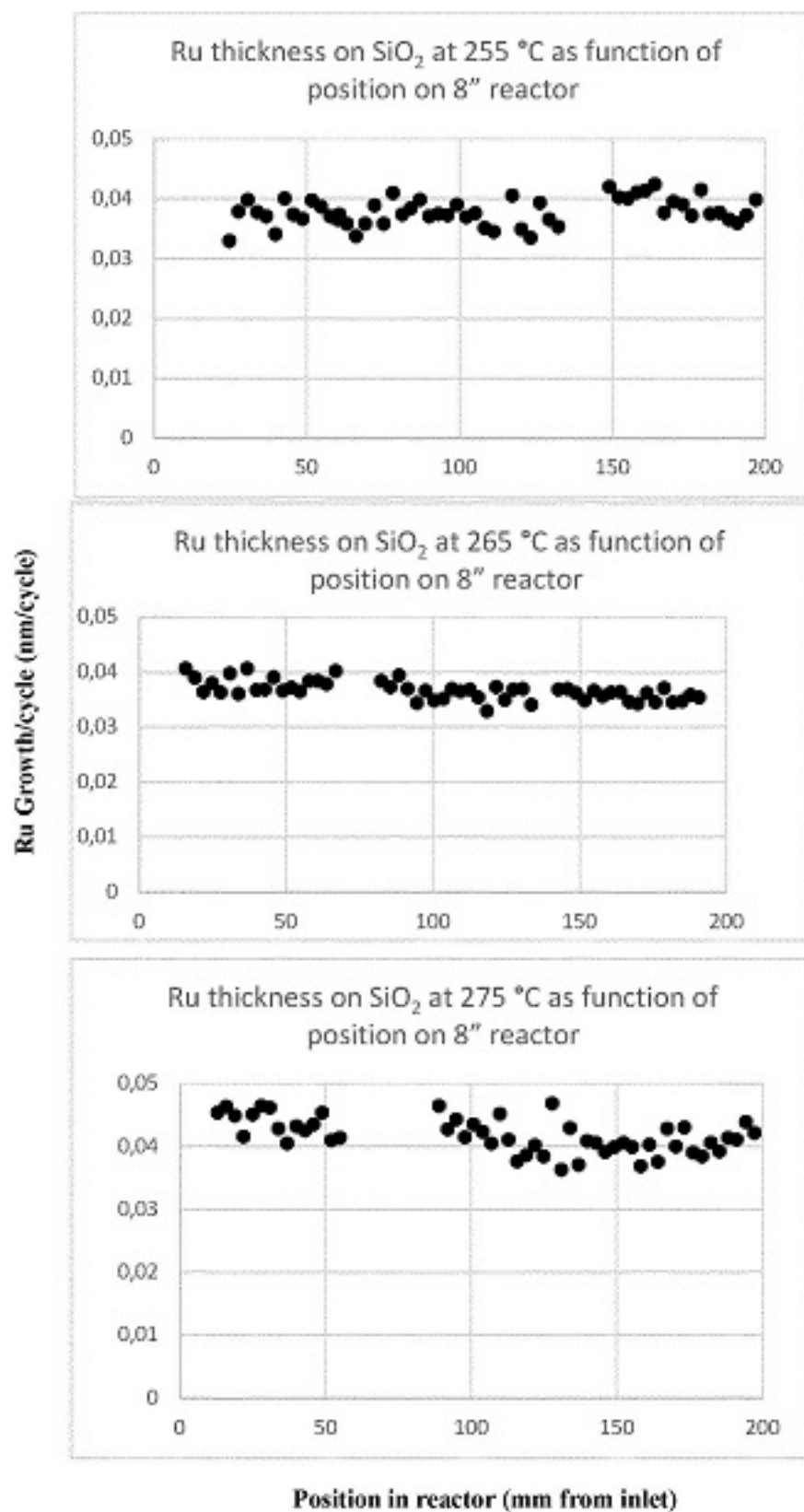


Figure 5

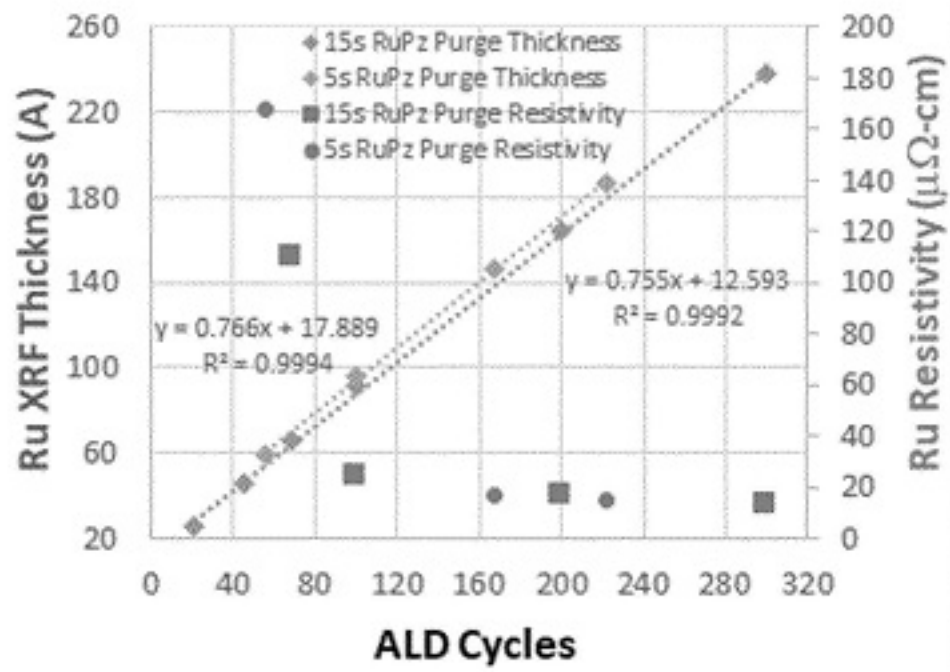


Figure 6

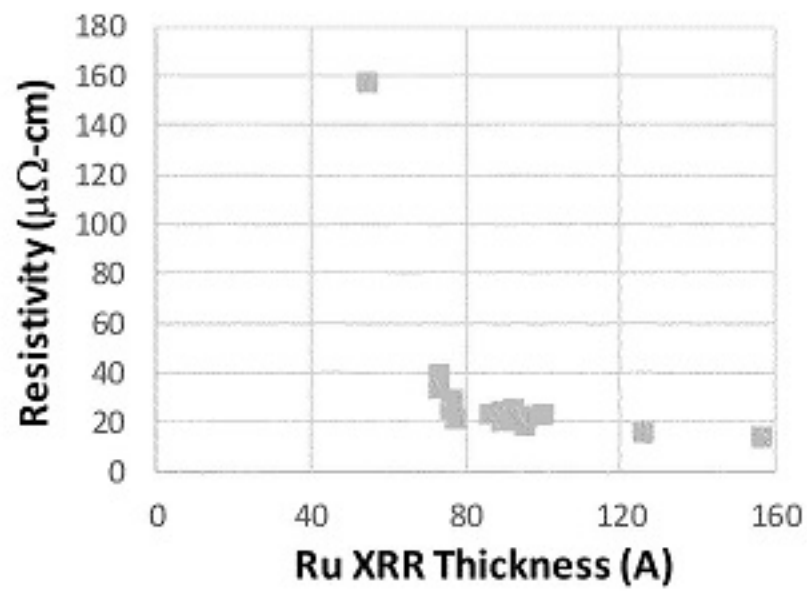


Figure 7

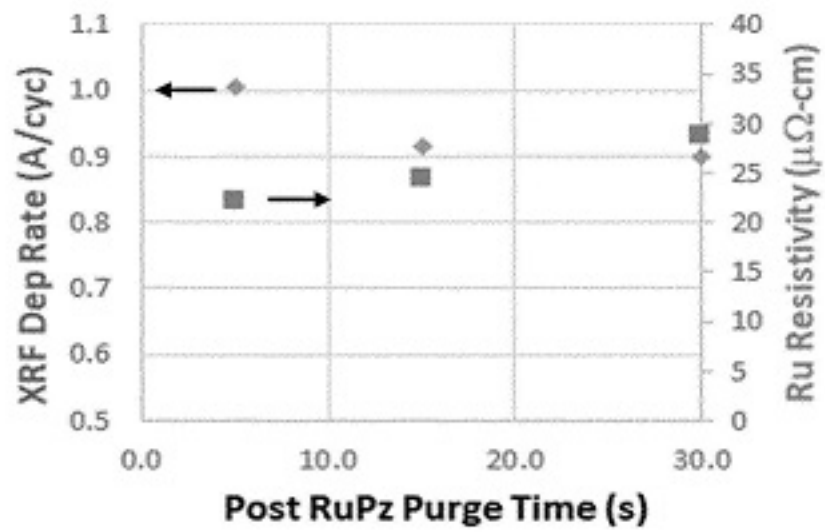


Figure 8A

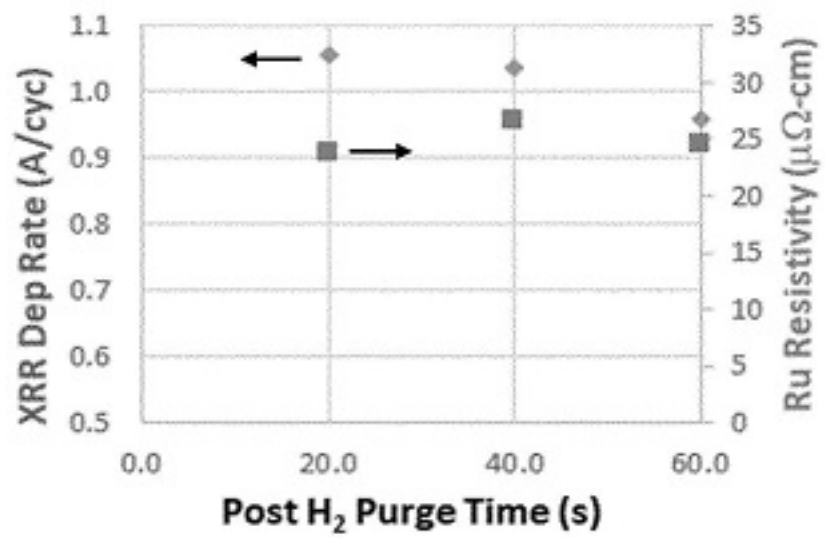
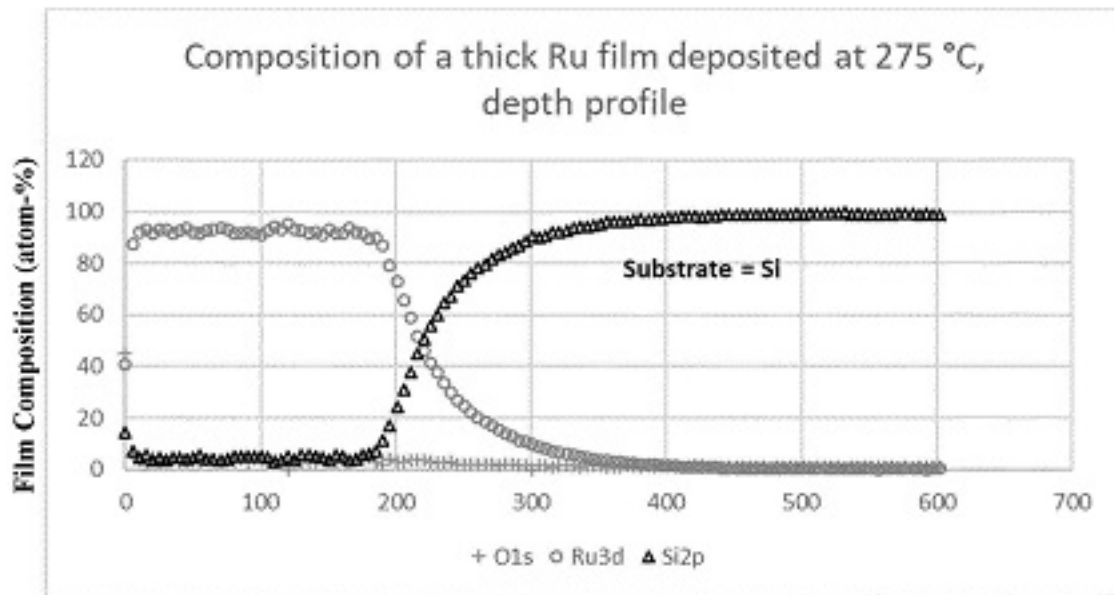
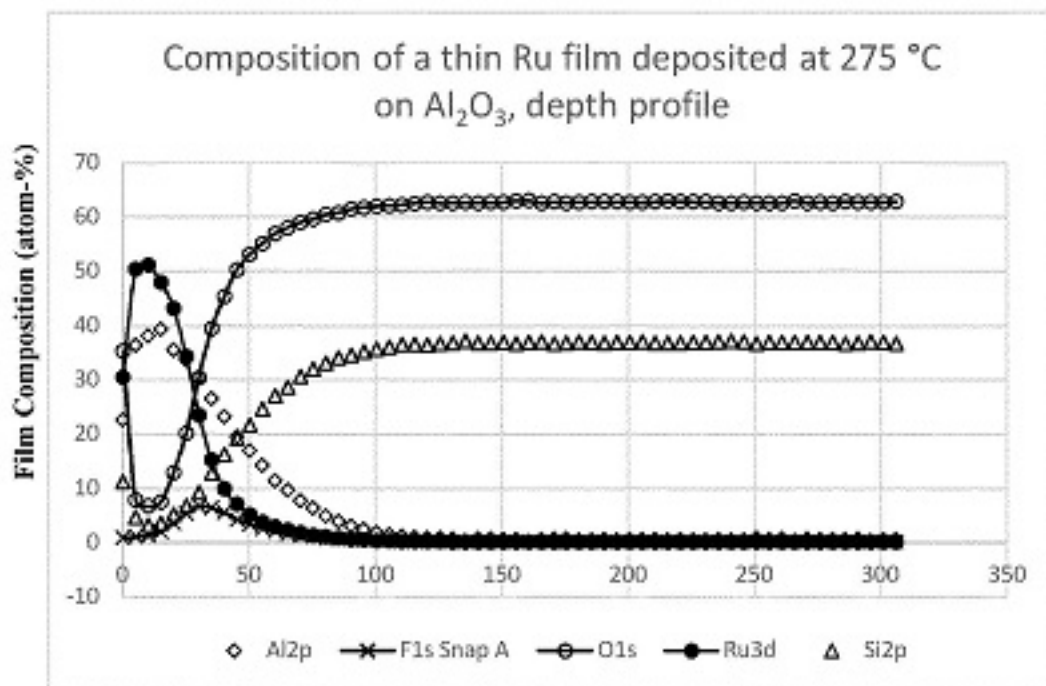


Figure 8B



Sputter Time (sec.) Correlates with Depth in Ru Film

Figure 9



Sputter Time (sec.), Correlates with Depth in Ru Film

Figure 10

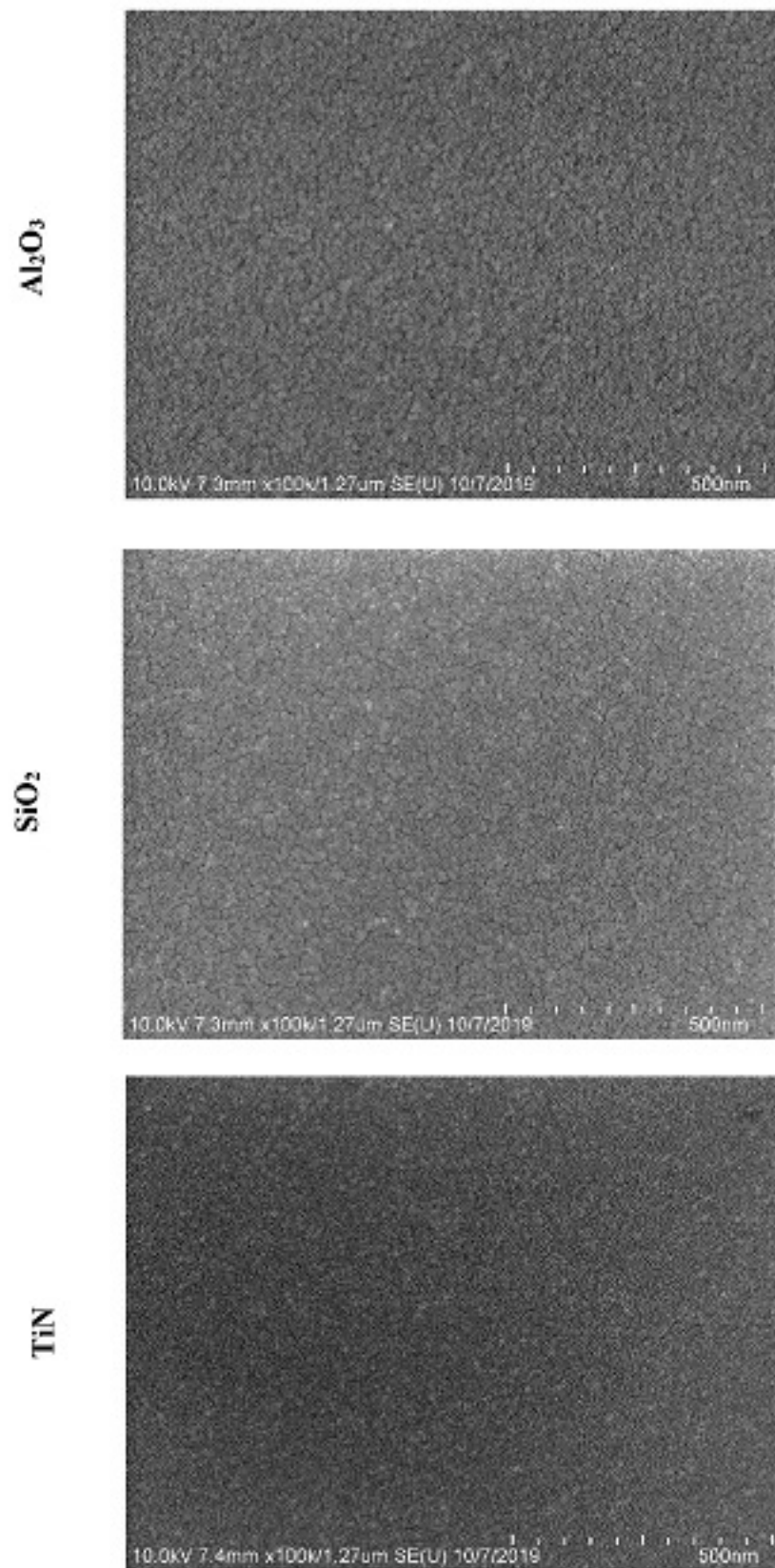


Figure 11

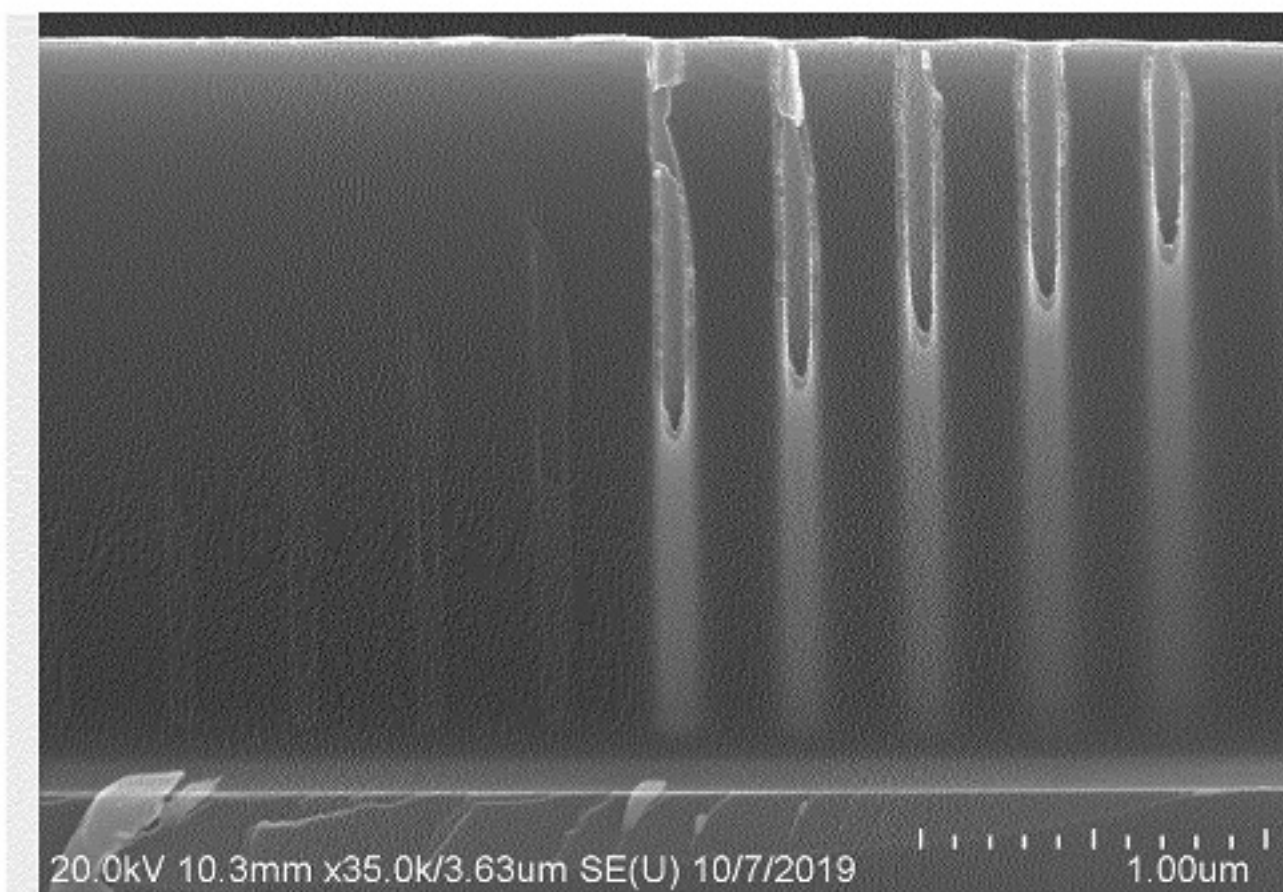
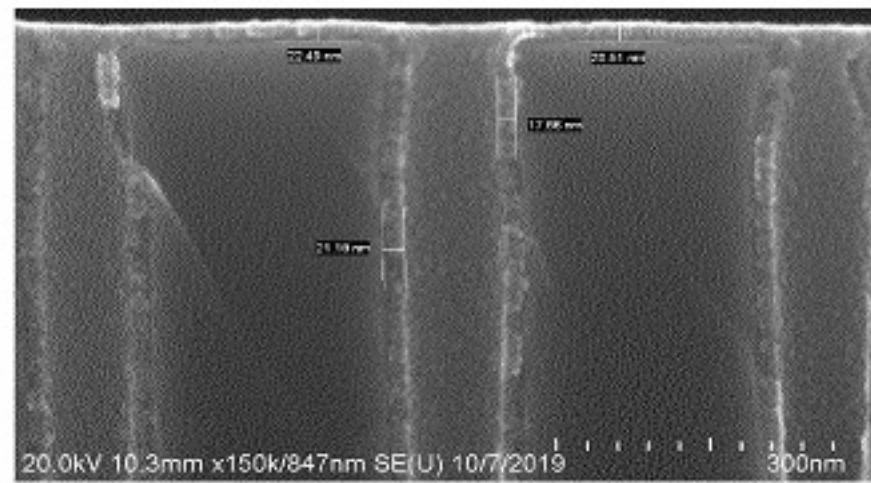


Figure 12



ZOOM of VIA TOP & BOTTOM

Figure 13

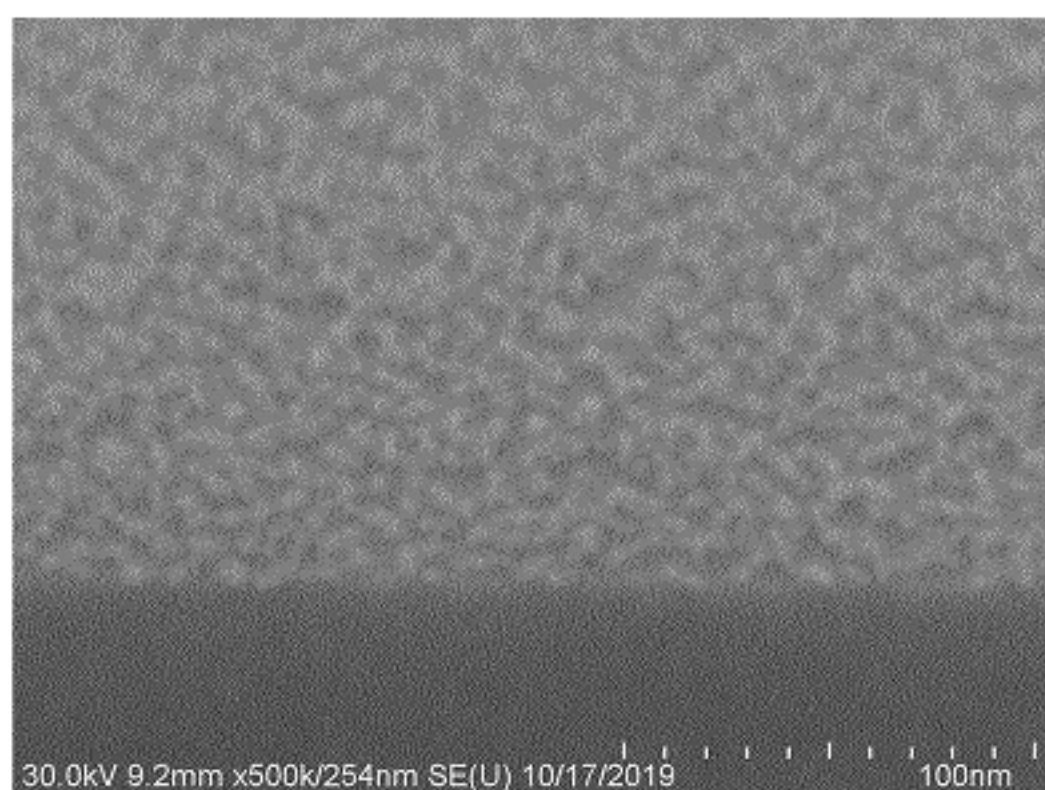


Figure 14

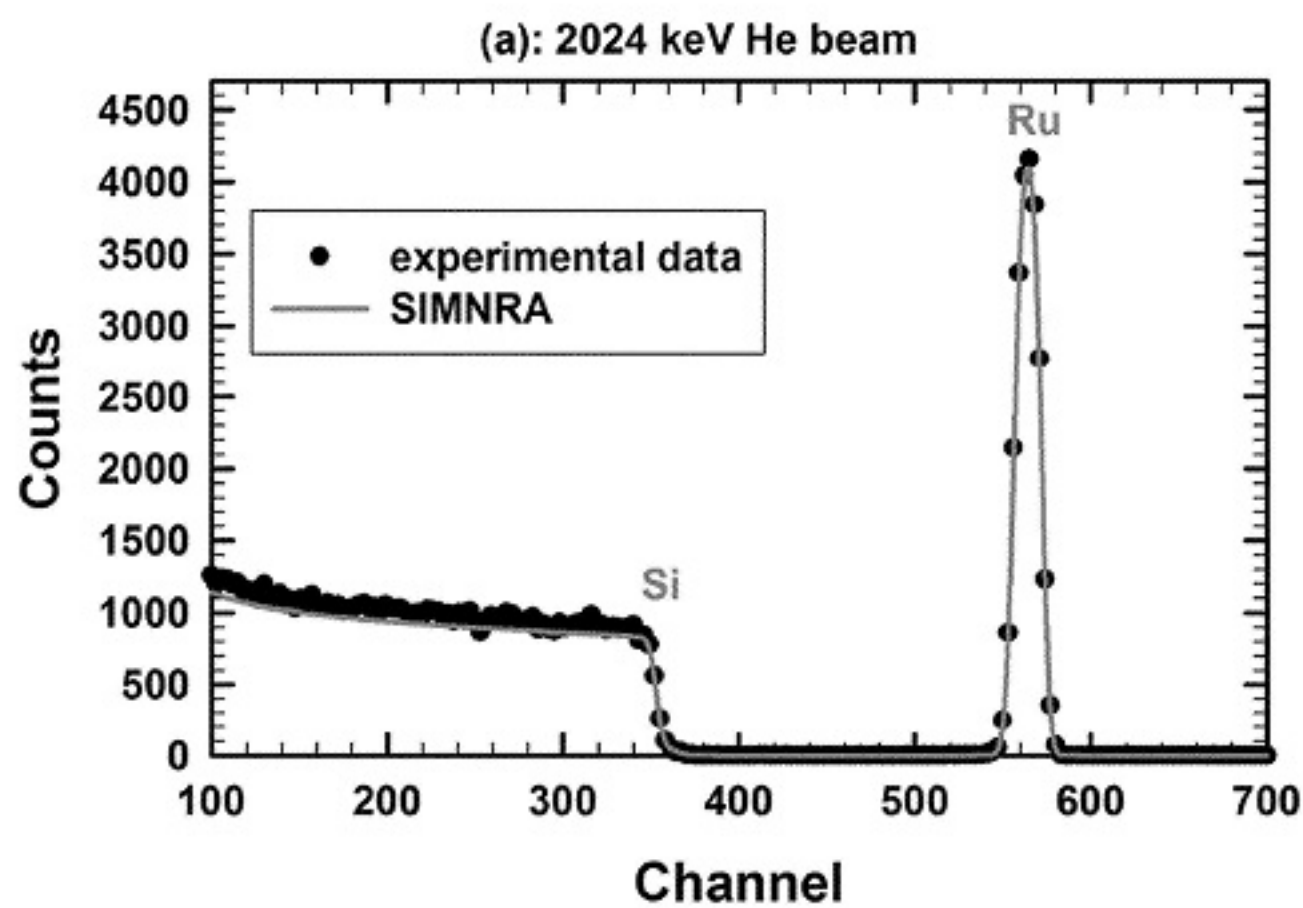


Figure 15

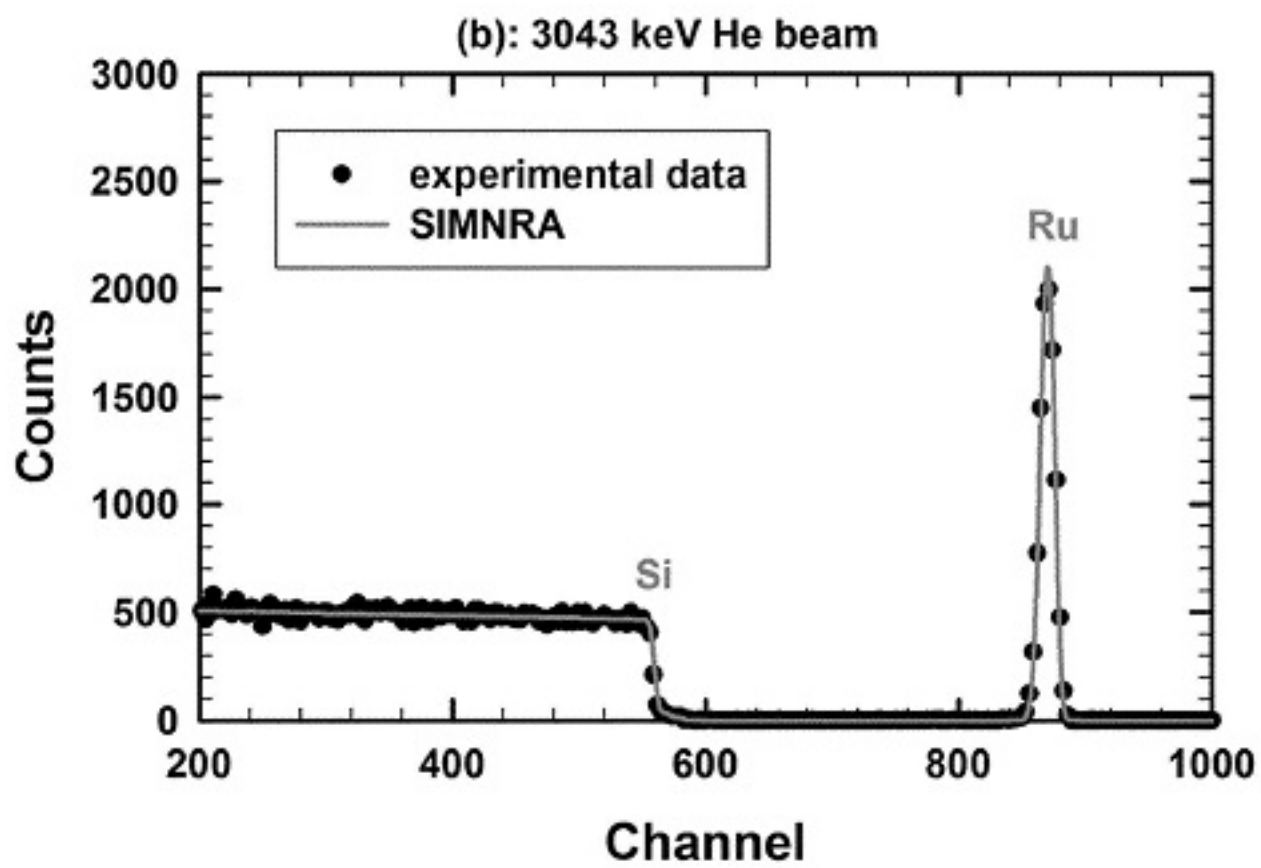


Figure 16

(c): 4282 keV He beam

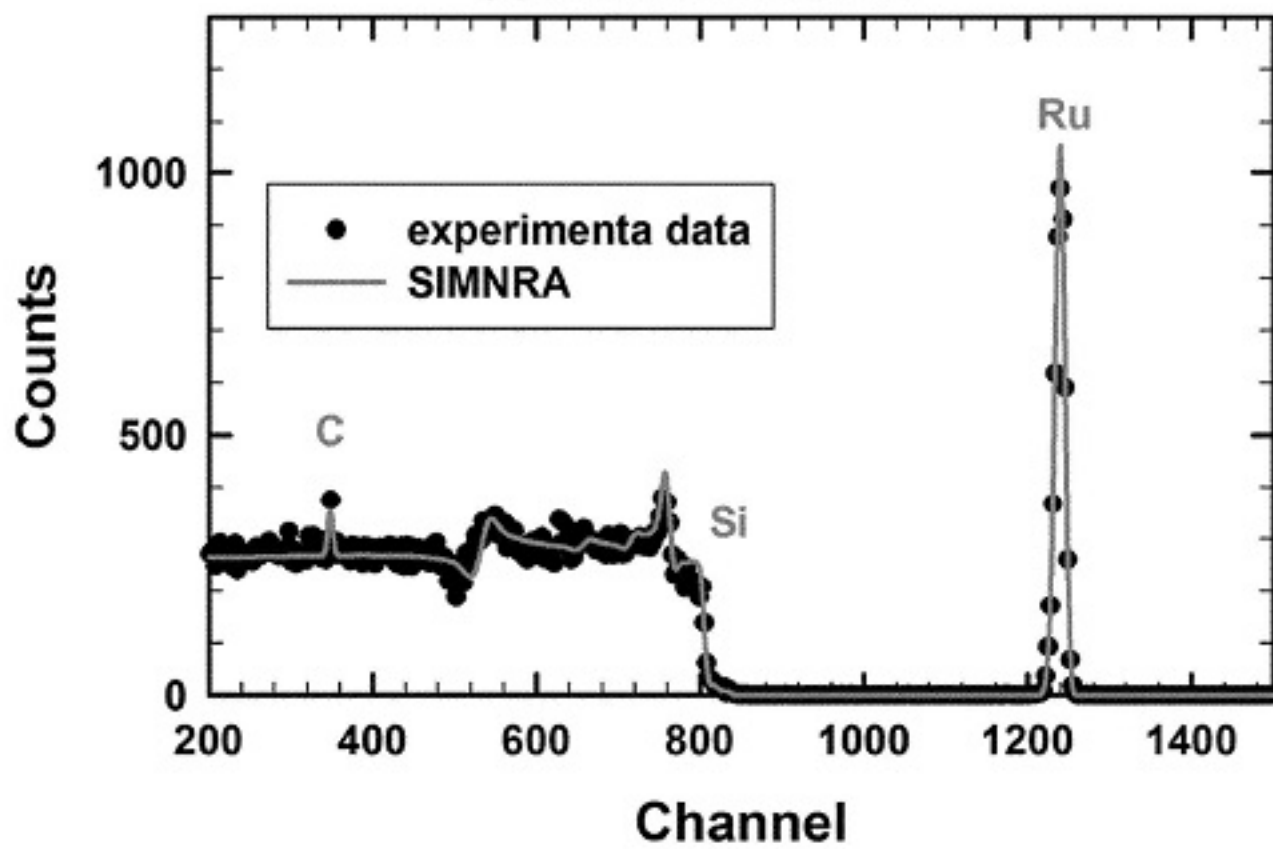


Figure 17

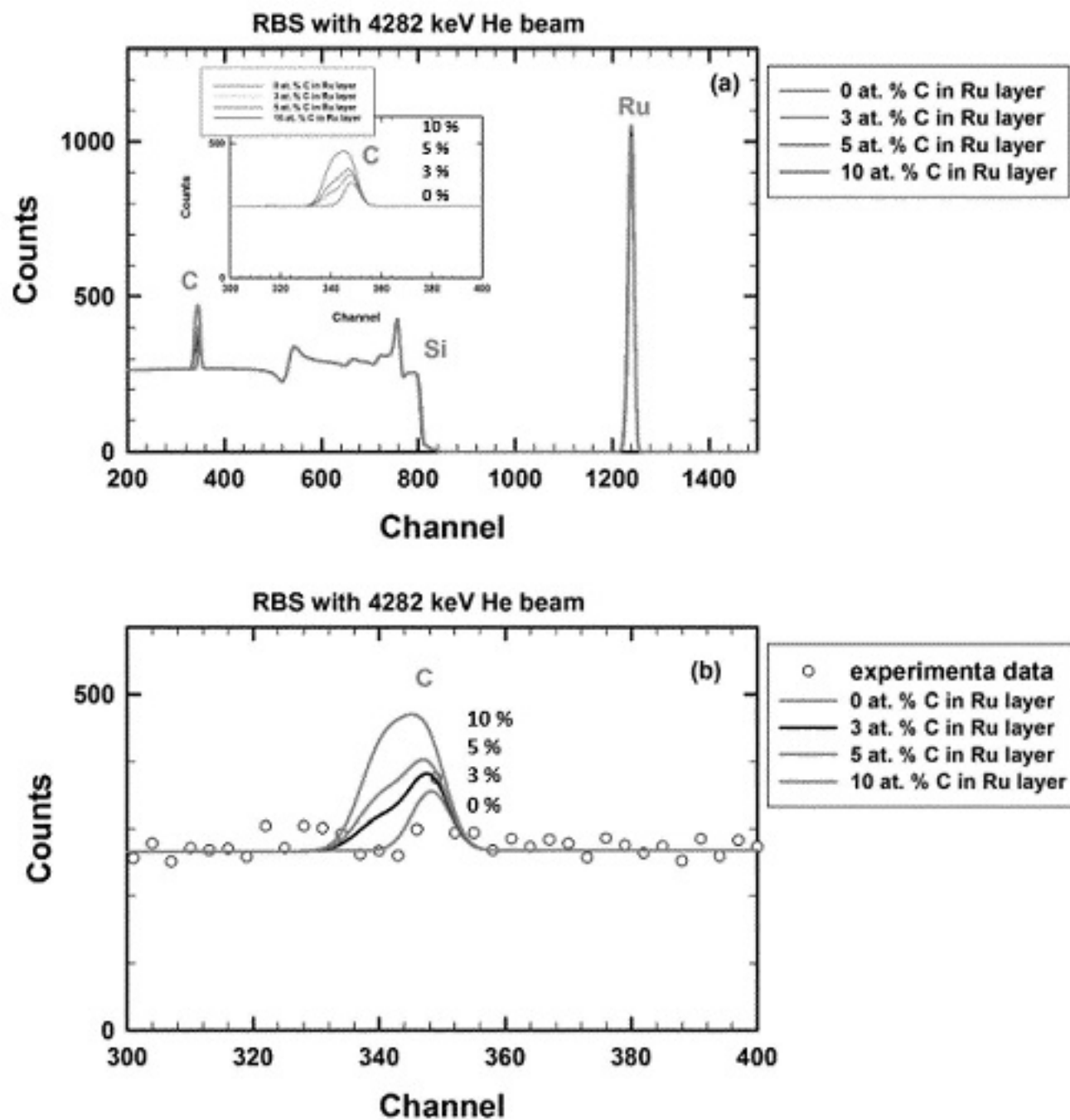


Figure 18

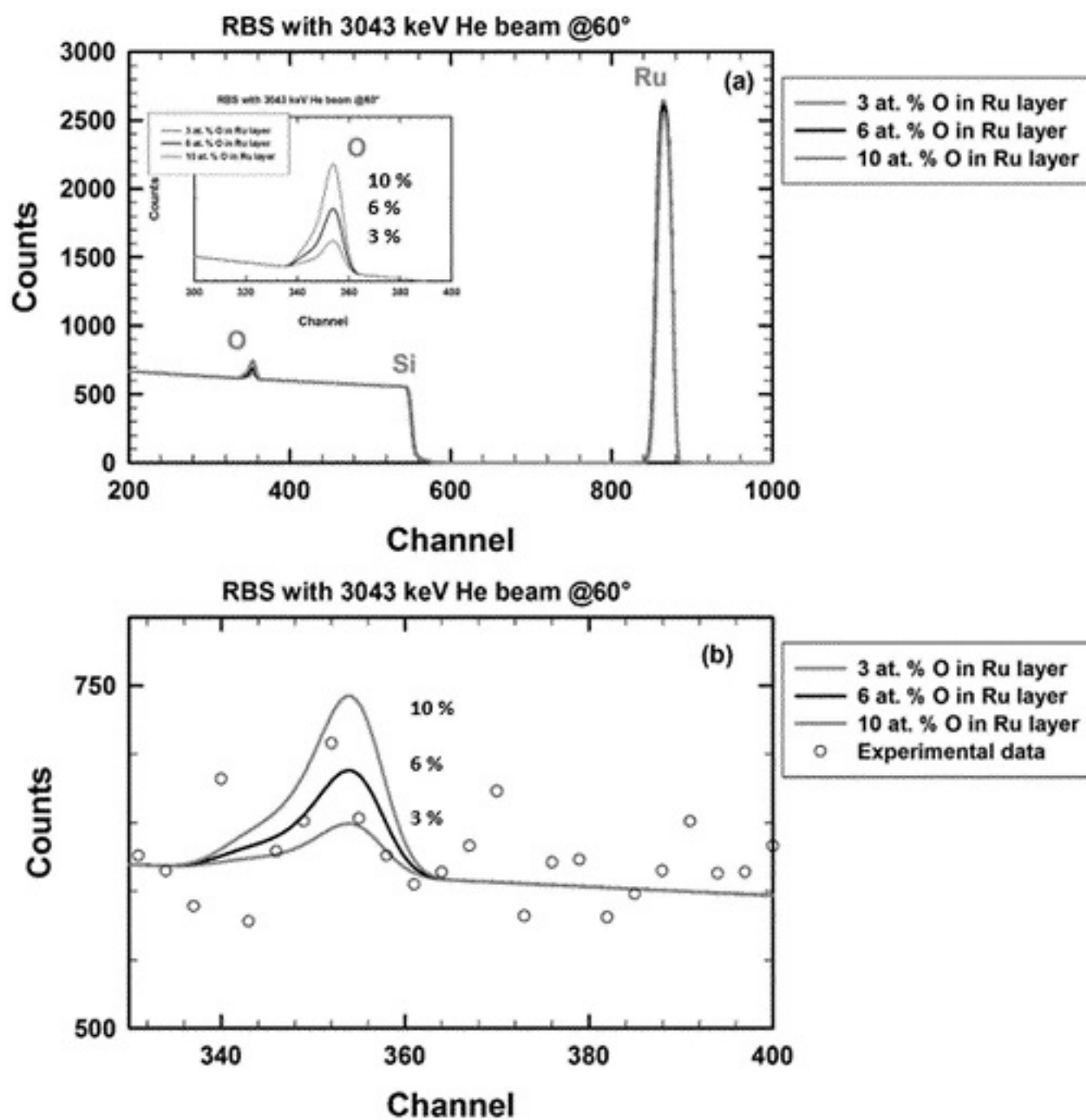


Figure 19

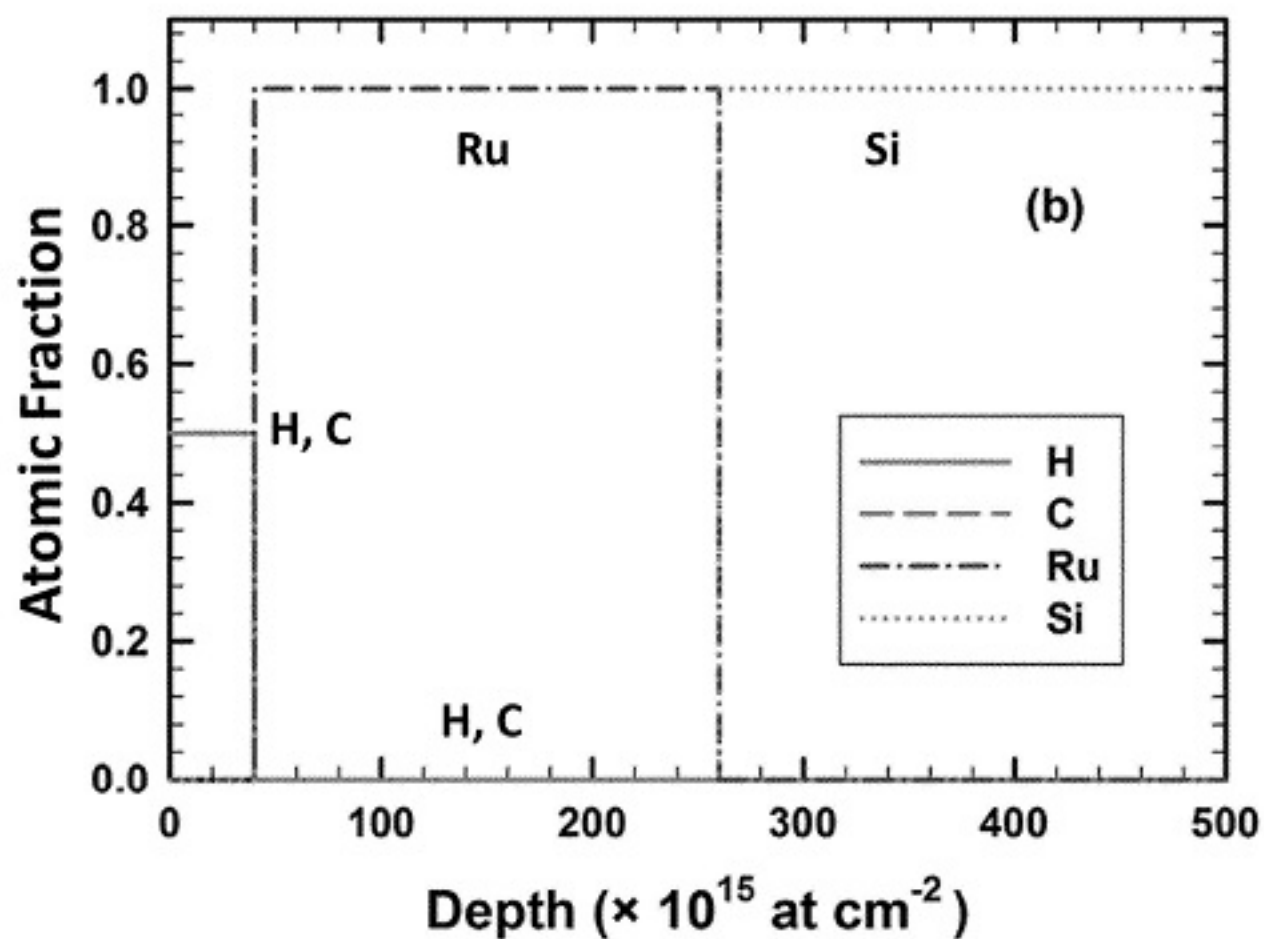


Figure 20

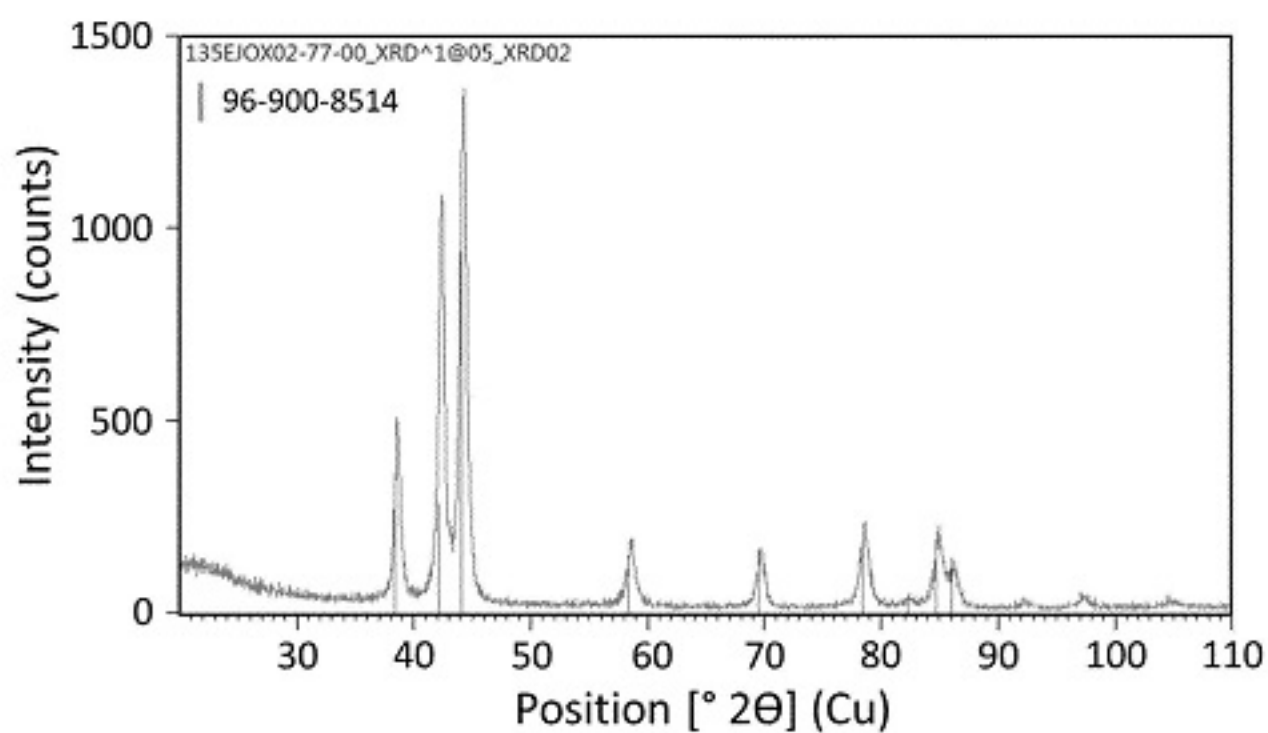


Figure 21