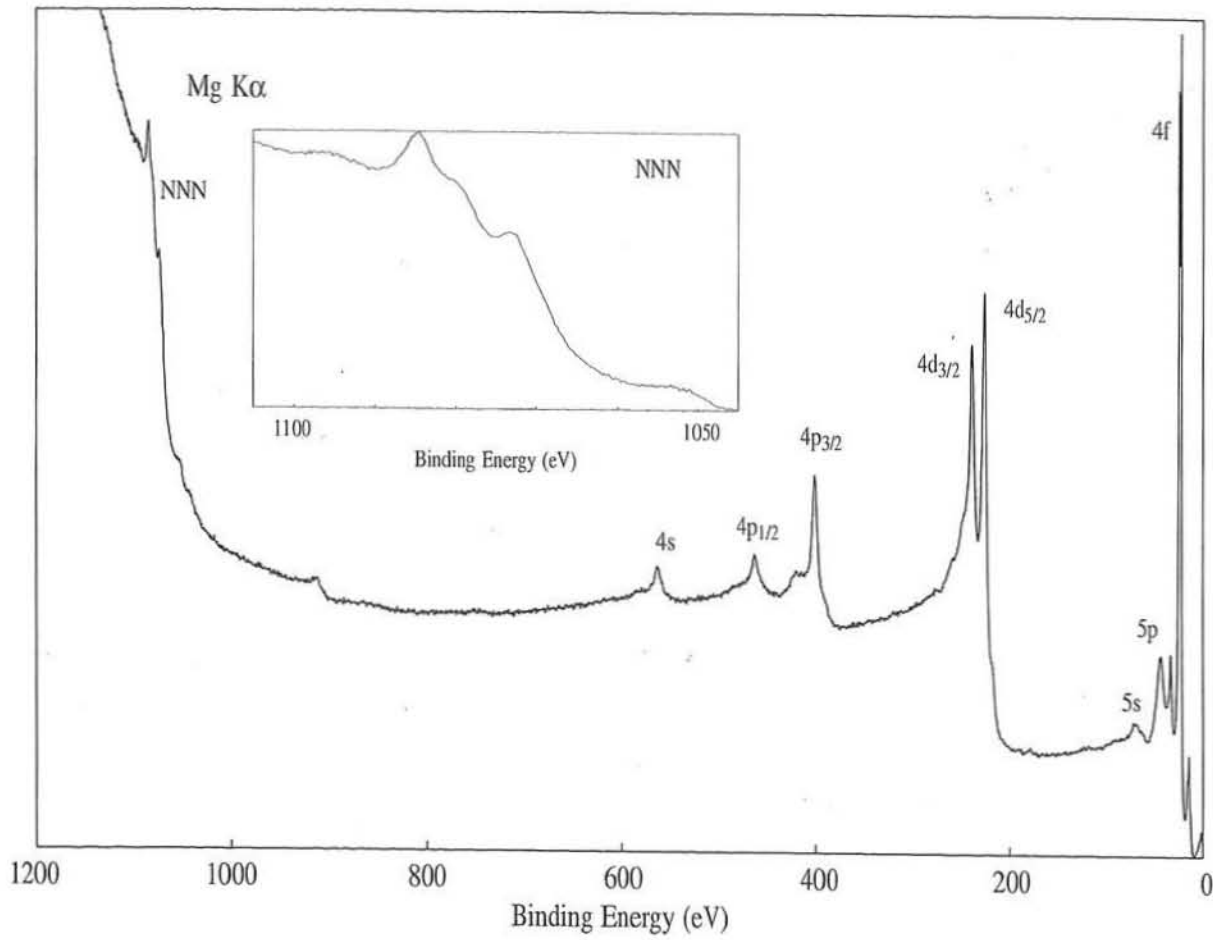


Line Positions (eV)				
<u>Photoelectron Lines</u>				
4s	4p _{1/2}	4p _{3/2}	4d _{3/2}	4d _{5/2}
563	463	401	238	226
5s	5p _{1/2}	5p _{3/2}	4f _{5/2}	4f _{7/2}
69	43	33	24	22
<u>Auger Lines</u>				
N ₅ N ₆₇ N ₇		N ₄ N ₆₇ N ₇		
1318		1306 (Al)		
1085		1073 (Mg)		



Compound Type	4f _{7/2} Binding Energy (eV)							
	21	22	23	24	25	26	27	28
Ta		■						
TaS							■	
TaS ₂							■	
Halides							■	■
Ta ₂ O ₅							■	■
Br ₆ (Ta ₆ Cl ₁₂)(Bu ₄ N) ₂							■	■
Cl ₆ (Ta ₆ Cl ₁₂)(Et ₄ N) ₂							■	■

