

Gold (III) Oxide (FW = 441.93)
Surface Composition Table

Description: Au₂O₃ (Au 86%) from Aldrich Lot# 00306AW, analyzed at 90 deg TOA, mesh at 1mm, semi-conductive brown powder, pressed into 3 mm pellet, mp 150 C dec., sol in HCl, HNO₃

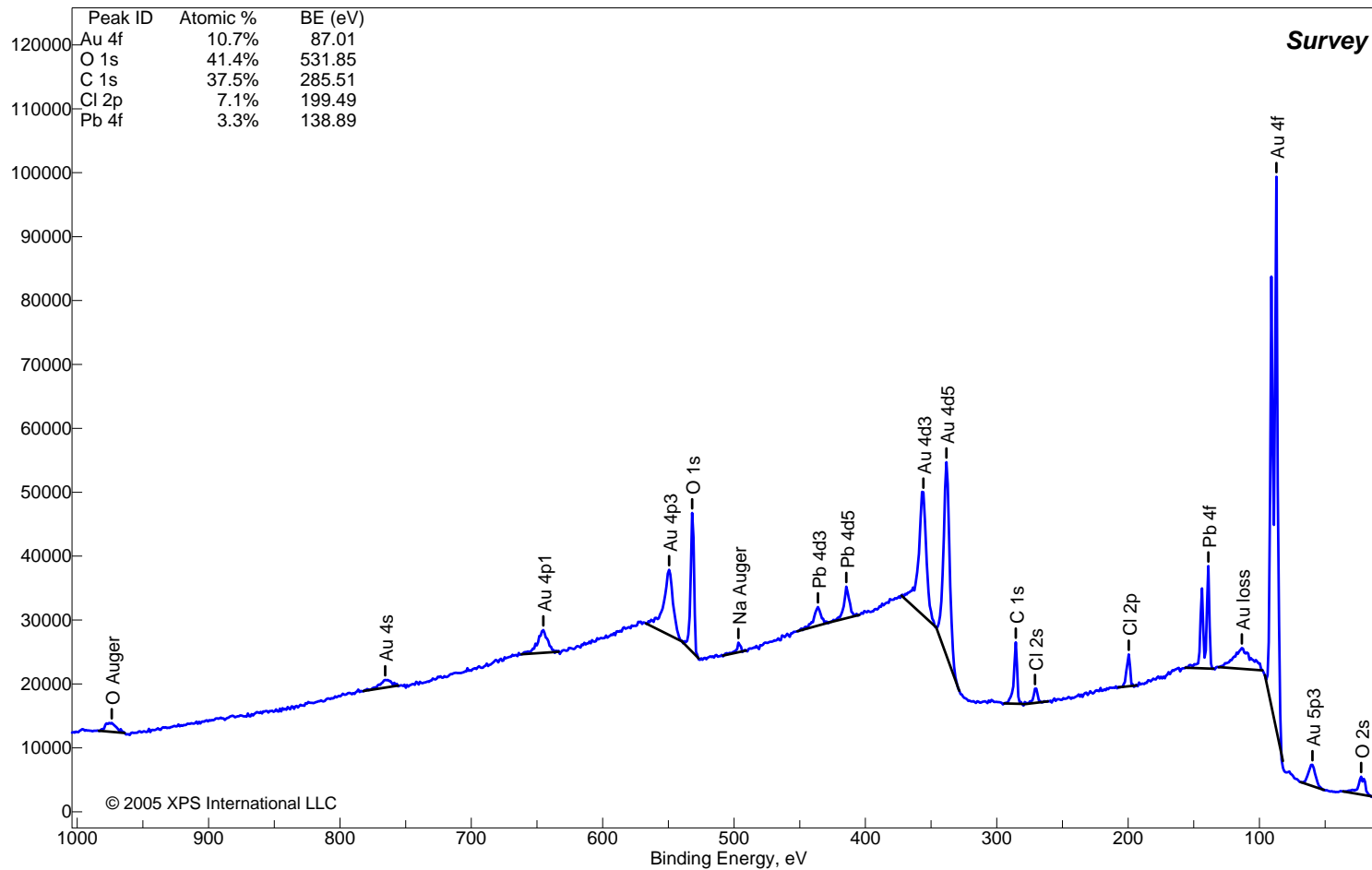
Peak ID	Corrected BE (eV)	Measured BE (eV)	Scofield RSF	RSF Exponent	Normalized Peak Area	Atomic %
O 2s	22.6	22.6	0.14	1.5	15,712	
Au 5p3	59.7	59.7	1.10	1.5	17,360	
Au 4f	87.0	87.0	17.12	1.1	68,640	10.7%
Au loss	113.5	113.5	0.00	1.5	42,102	
Pb 4f	138.9	138.9	22.74	1.5	58,144	3.3%
Cl 2p	199.5	199.5	2.28	1.5	11,661	7.1%
Cl 2s	270.9	270.9	1.69	1.5	8,850	
C 1s	285.5	285.5	1.00	1.5	24,448	37.5%
Au 4d5	338.3	338.3	11.74	1.5	137,776	
Au 4d3	355.9	355.9	8.06	1.5	115,235	
Pb 4d5	414.5	414.5	13.02	1.5	20,249	
Pb 4d3	436.1	436.1	8.87	1.5	15,737	
Na Auger	496.7	496.7	0.00	1.5	5,574	
O 1s	531.8	531.8	2.93	1.5	56,013	41.4%
Au 4p3	549.4	549.4	5.89	1.5	72,433	
Au 4p1	645.2	645.2	2.14	1.5	25,057	
Au 4s	765.5	765.5	1.92	1.5	12,209	
O Auger	973.7	973.7	0.00	1.5	11,355	

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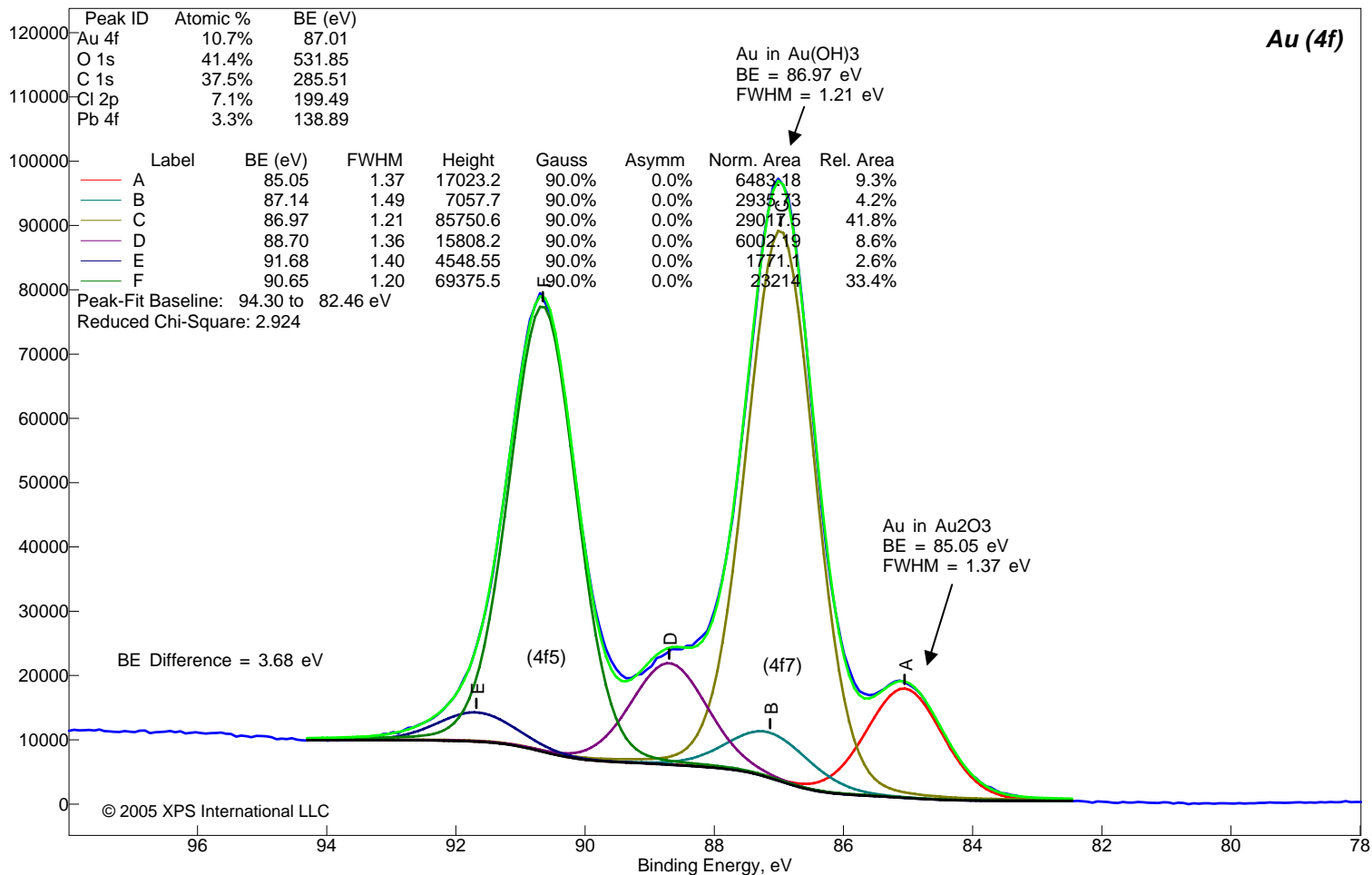
Sample Description: Au₂O₃ (Au 86%) from Aldrich Lot# 00306AW, Semi-Conductive pressed into 3 mm pellet, analyzed at 90 deg TOA, mesh-screen at 1 mm height

Counts



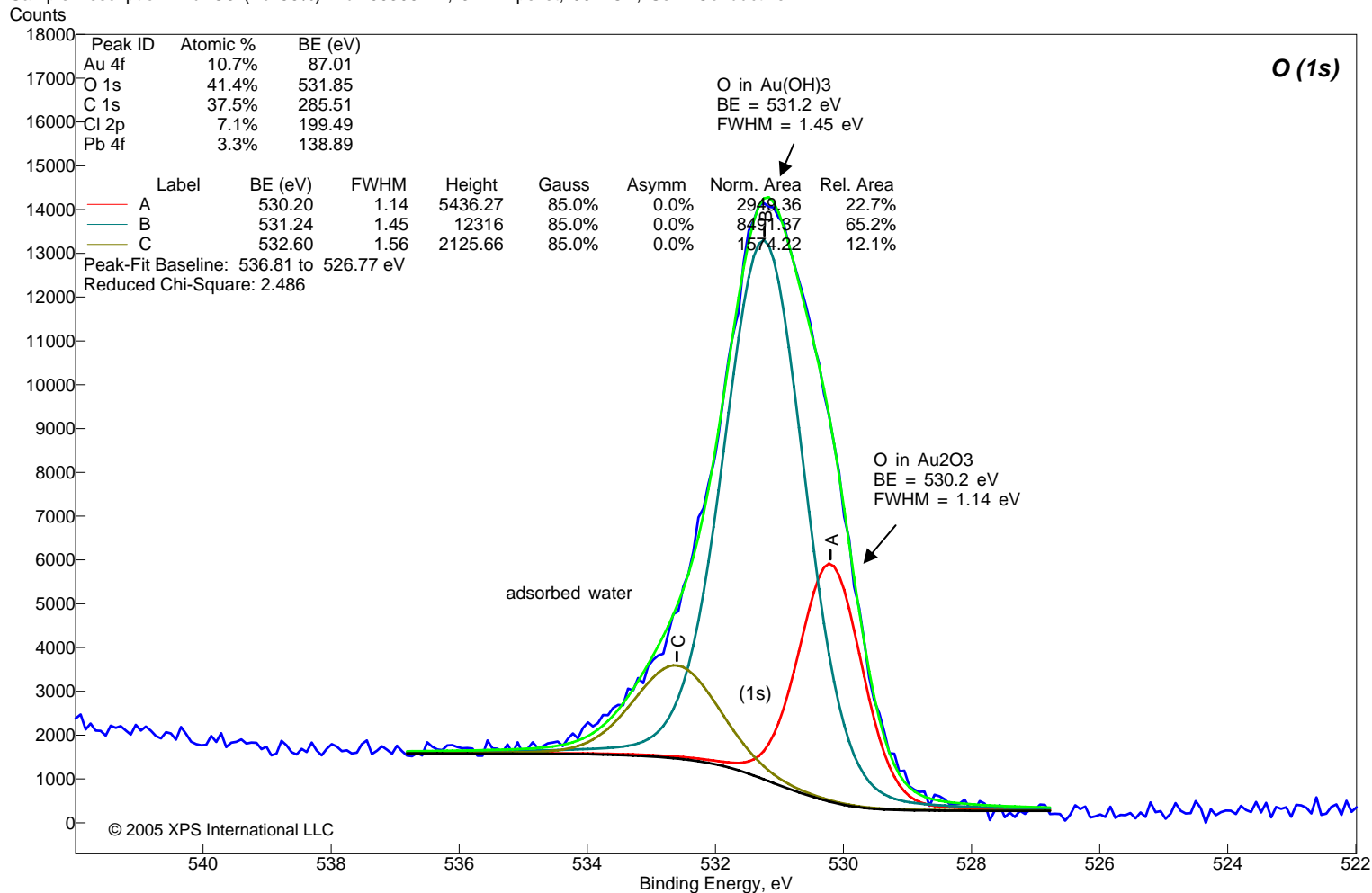
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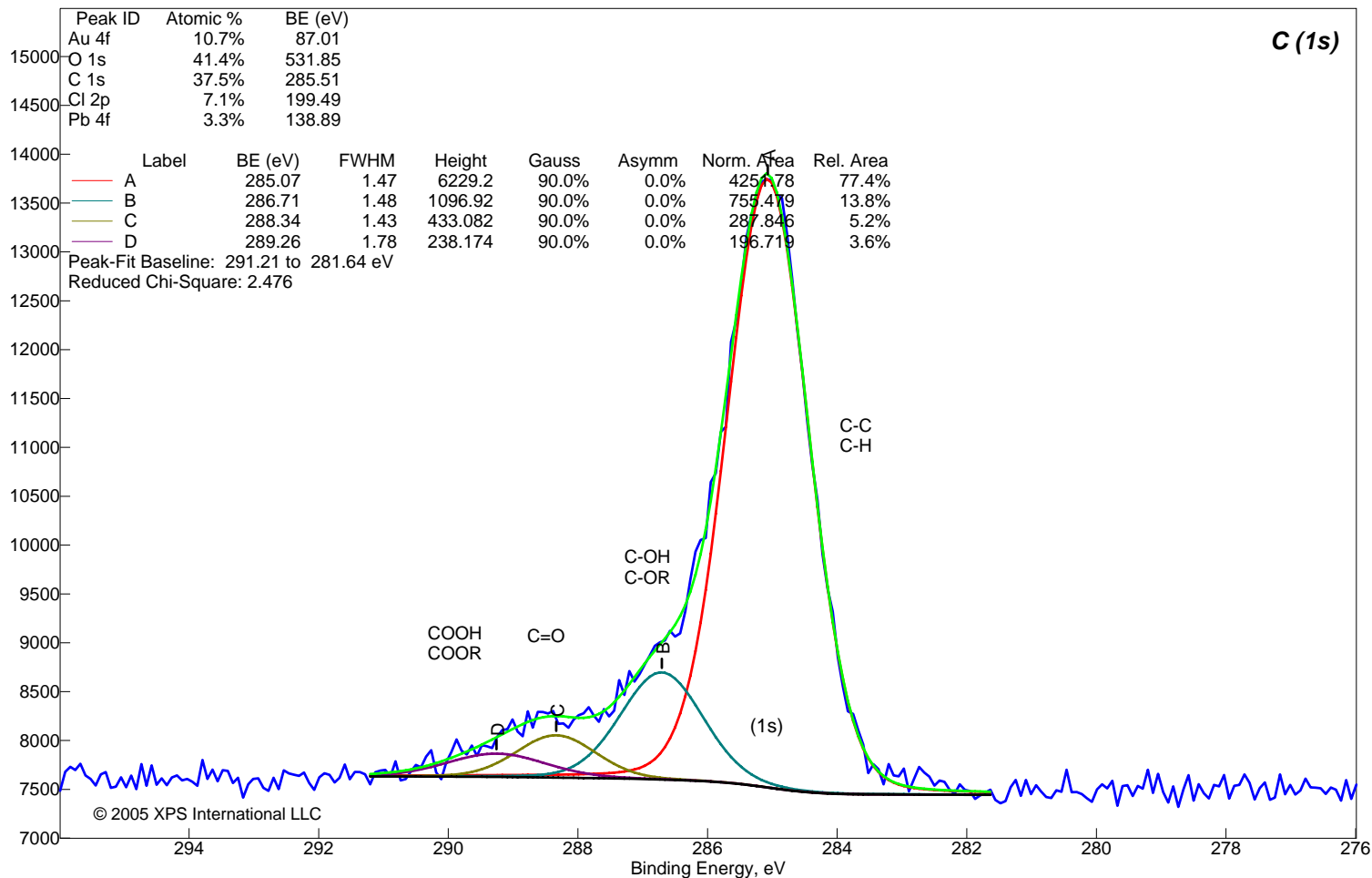
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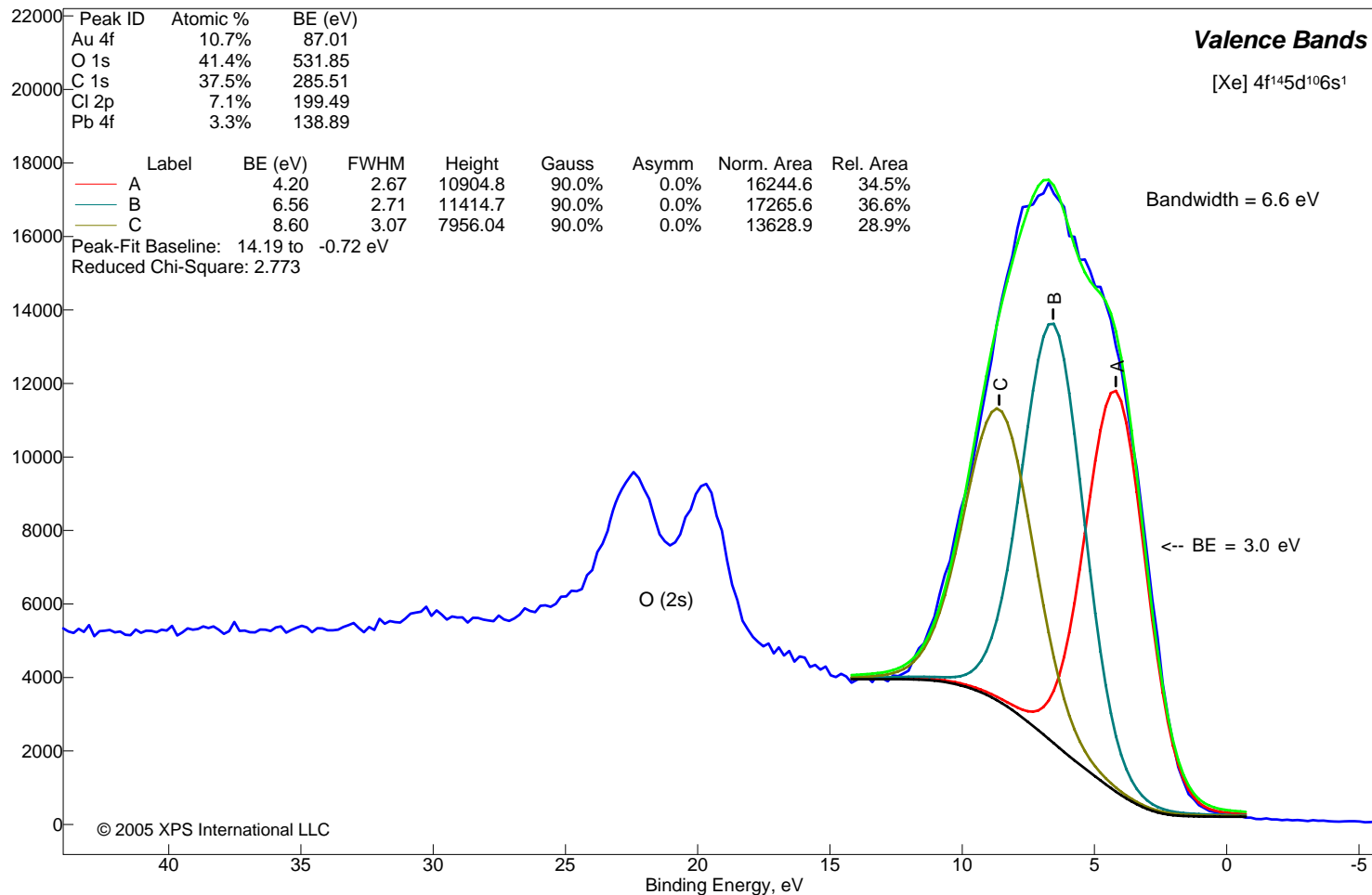
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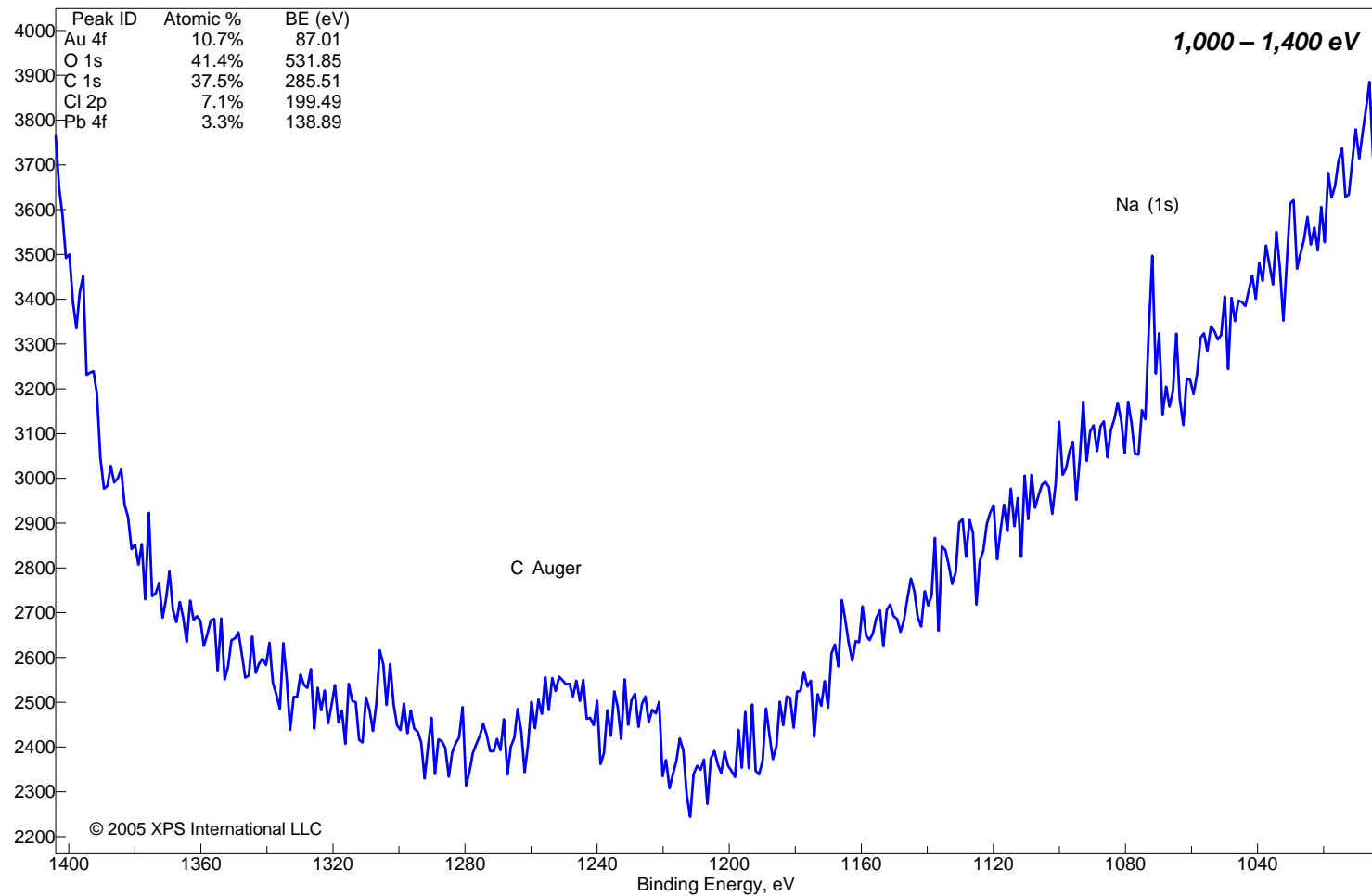
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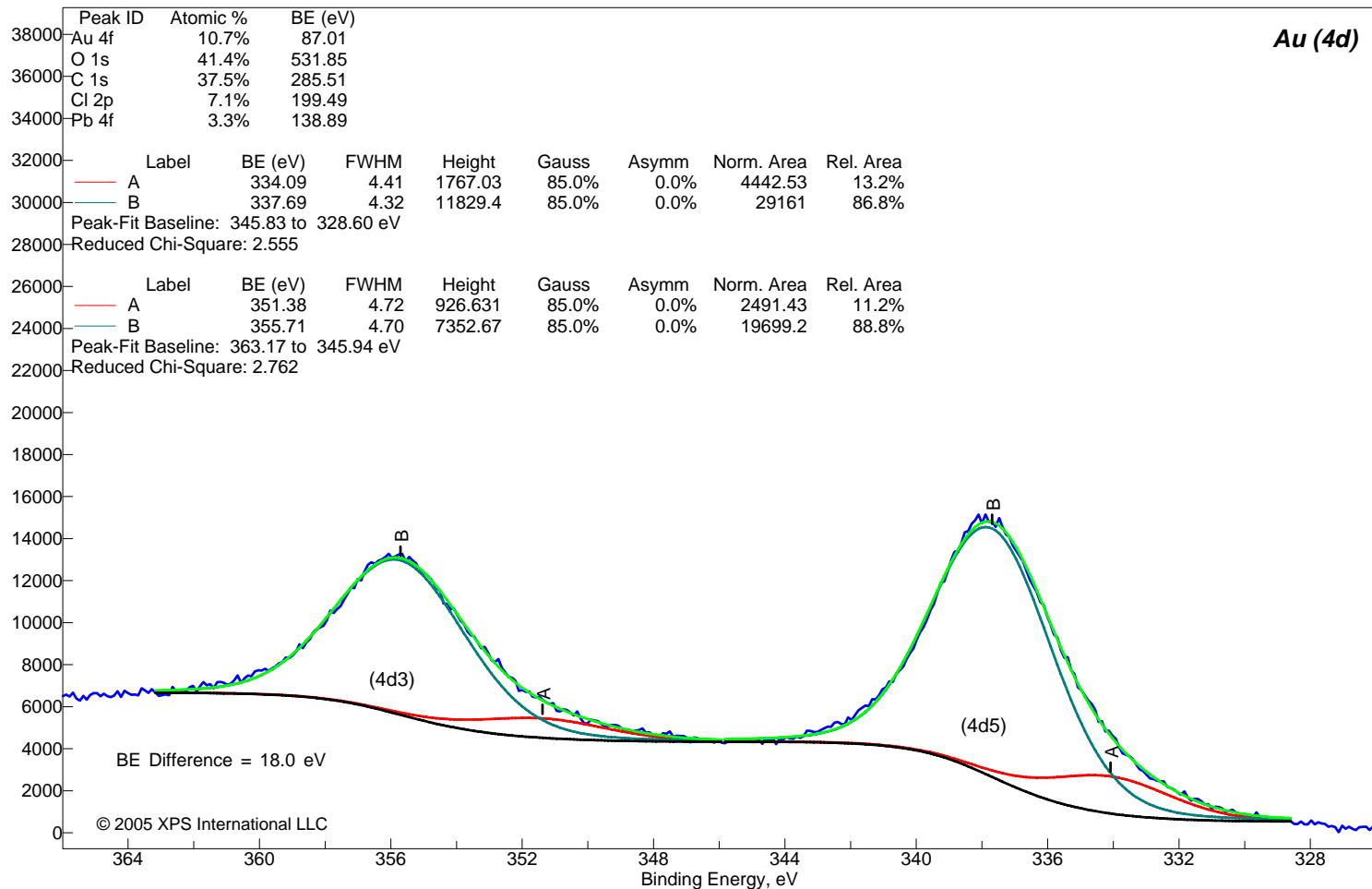
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