

Cadmium Selenide (pressed pellet) (FW=191.36)

CdSe
(pressed pellet)
[CAS# 1306-24-7]

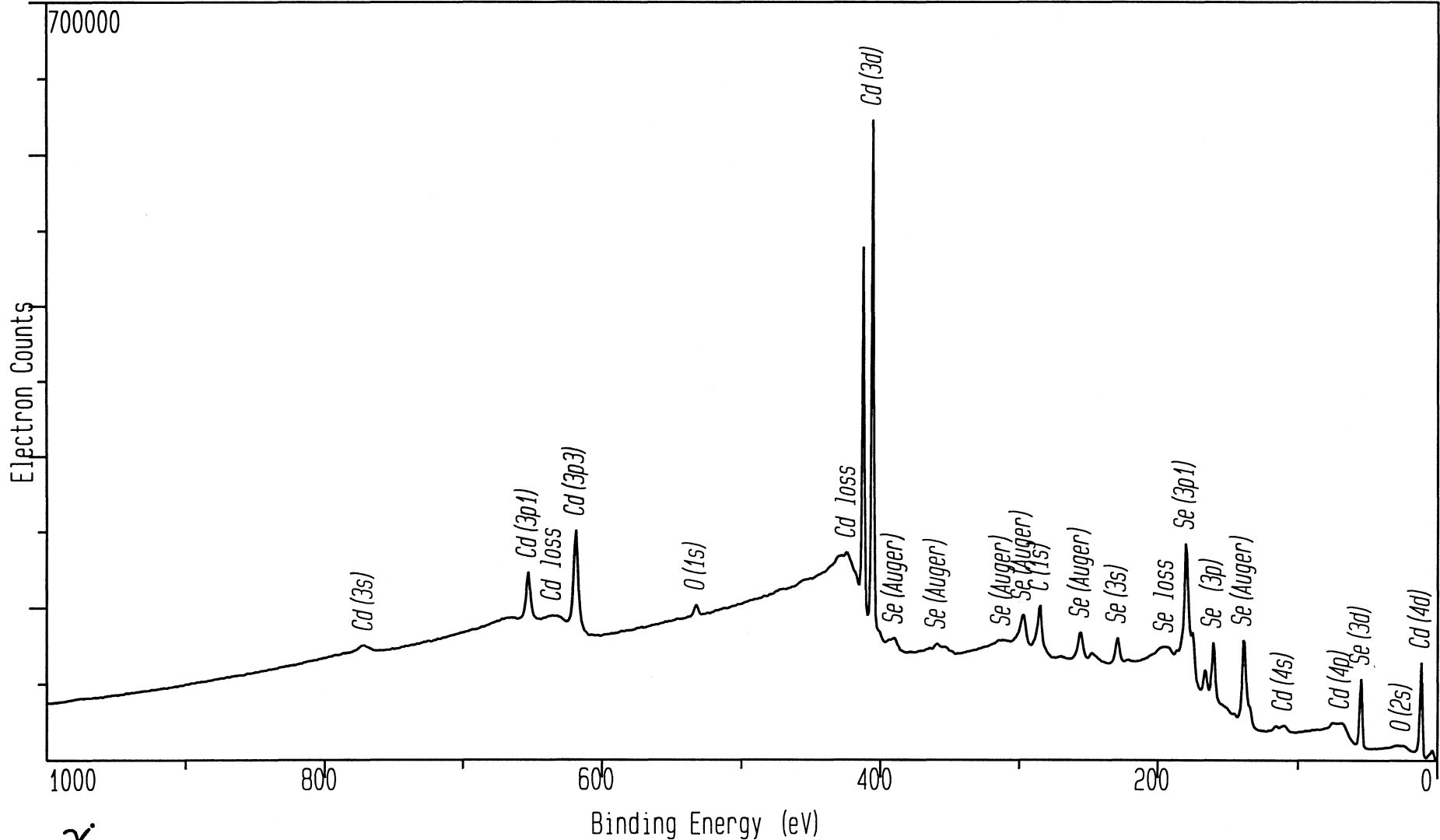
Detailed Surface Composition Table

File name: CDSE_1.MRS
Region: 1
Description: CdSe (99.99%) Aldrich Chemical Co., lot #00323JX, As received
Electronic Grade, 3 micron powder, pressed pellet
Operator: V. Crist
Date: Tue Jul 26 04:07 1994

<u>Signal</u>	<u>Corrected</u>	<u>Exper.</u>	<u>Sens</u>	<u>Norm</u>	<u>Relative</u>	
	<u>BE</u>	<u>BE</u>	<u>Factor</u>	<u>Area</u>	<u>Area</u>	<u>Atom %</u>
Cd3s	771.3	771.3	1.63	15843	9716	
Cd3p1	652.7	652.7	2.72	41412	15219	
Cd loss	635.0	635.1	0.00	10712	0	
* Cd3p3	618.4	618.5	5.75	89795	15619	29.31
* O 1s	532.3	532.4	2.22	10122	4557	8.55
Cd loss	423.9	423.9	0.00	101951	0	
Cd3d	405.2	405.2	17.81	344884	19366	
SeAuger	389.8	389.9	0.19	11006	58506	
SeAuger	359.0	359.1	0.19	20632	106087	
SeAuger	311.9	312.0	0.20	8584	42022	
SeAuger	296.9	297.0	0.00	33632	0	
* C 1s	285.0	285.1	1.00	21113	21123	39.64
SeAuger	255.6	255.7	0.00	42377	0	
Se3s	228.9	229.0	1.51	19058	12624	
Se loss	194.9	195.0	0.53	24485	46218	
Se3p1	179.6	179.7	0.23	153371	660583	
Se (3p)	160.2	160.3	4.90	55325	11291	
SeAuger	138.4	138.5	0.00	76247	0	
Cd4s	109.6	109.7	0.81	13217	16226	
Cd4p	68.5	68.6	2.74	54154	19738	
* Se3d	54.0	54.1	2.83	33948	11994	22.51
Cd loss	24.0	24.1	0.18	16669	92765	
Cd4d	10.8	10.9	2.42	45940	19003	

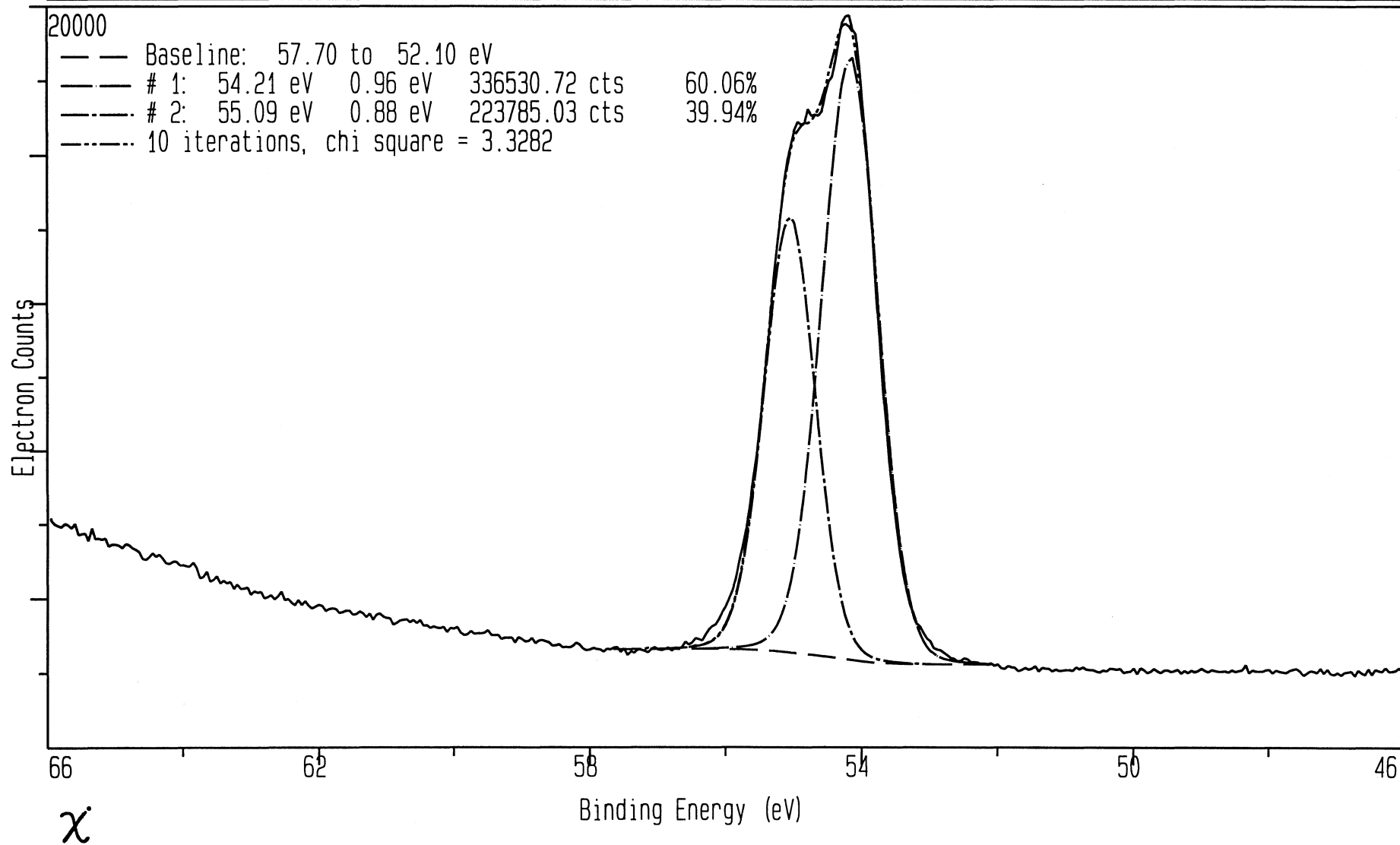
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File: CDSE_1	Spot: 250x1000	Flood Gun: Off	Data Points: 1024	Date: Jul 26 1994
Region: 1	Resolution: 4	Scans, Time: 20	Time/Point: 200	Operator: V. Crist
Description: CdSe (99.99%) Aldr.Chem.Co., lot#00323JX As rec'd Electronic Grade, 3 micron powder, pressed pellet				

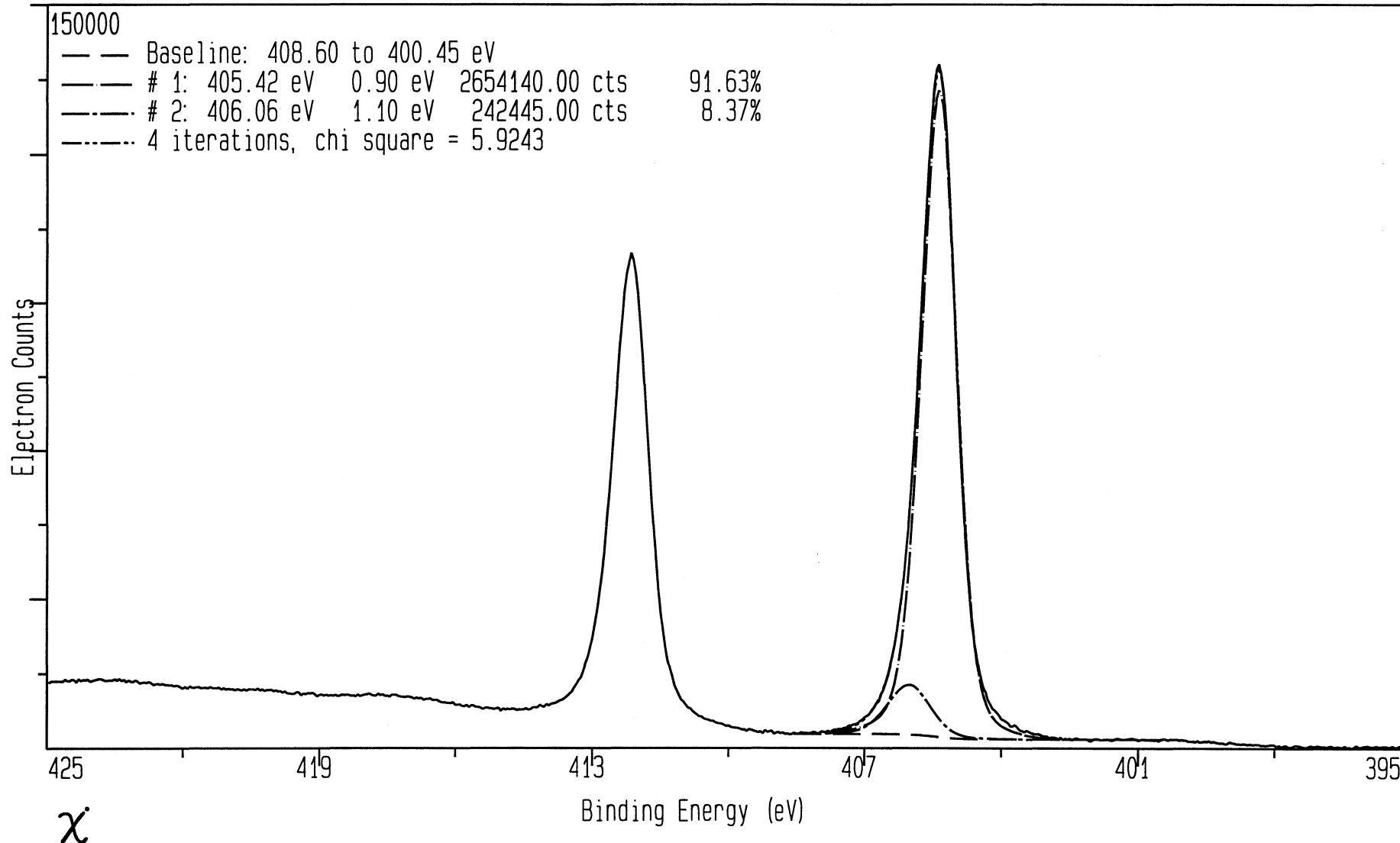


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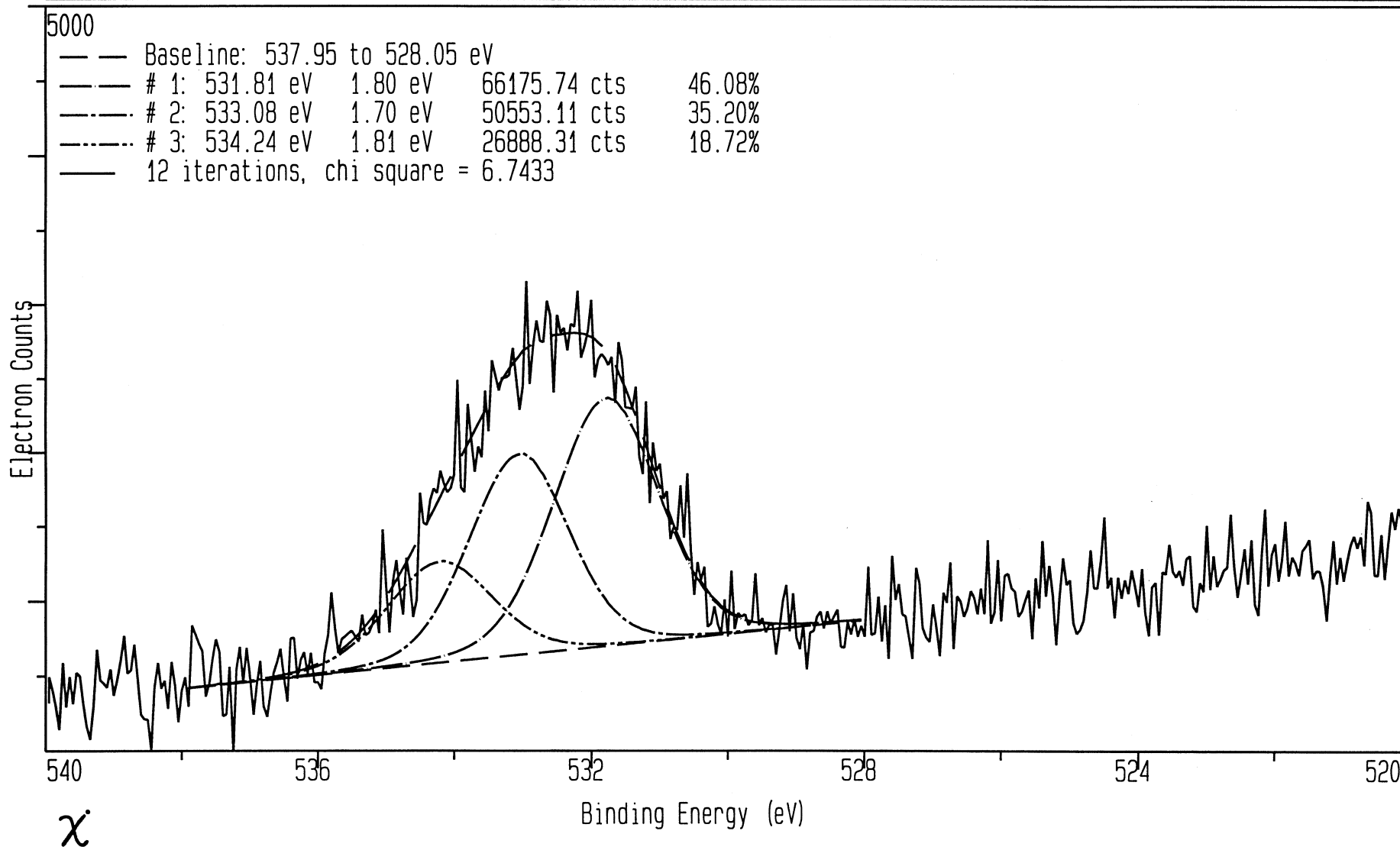
File: CDSE_1	Spot: 250x1000	Flood Gun: Off	Data Points: 401	Date: Jul 26 1994
Region: 7	Resolution: 2	Scans, Time: 20	Time/Point: 200	Operator: V. Crist
Description: CdSe (99.99%) Aldr.Chem.Co., lot#00323JX As rec'd Electronic Grade, 3 micron powder, pressed pellet				



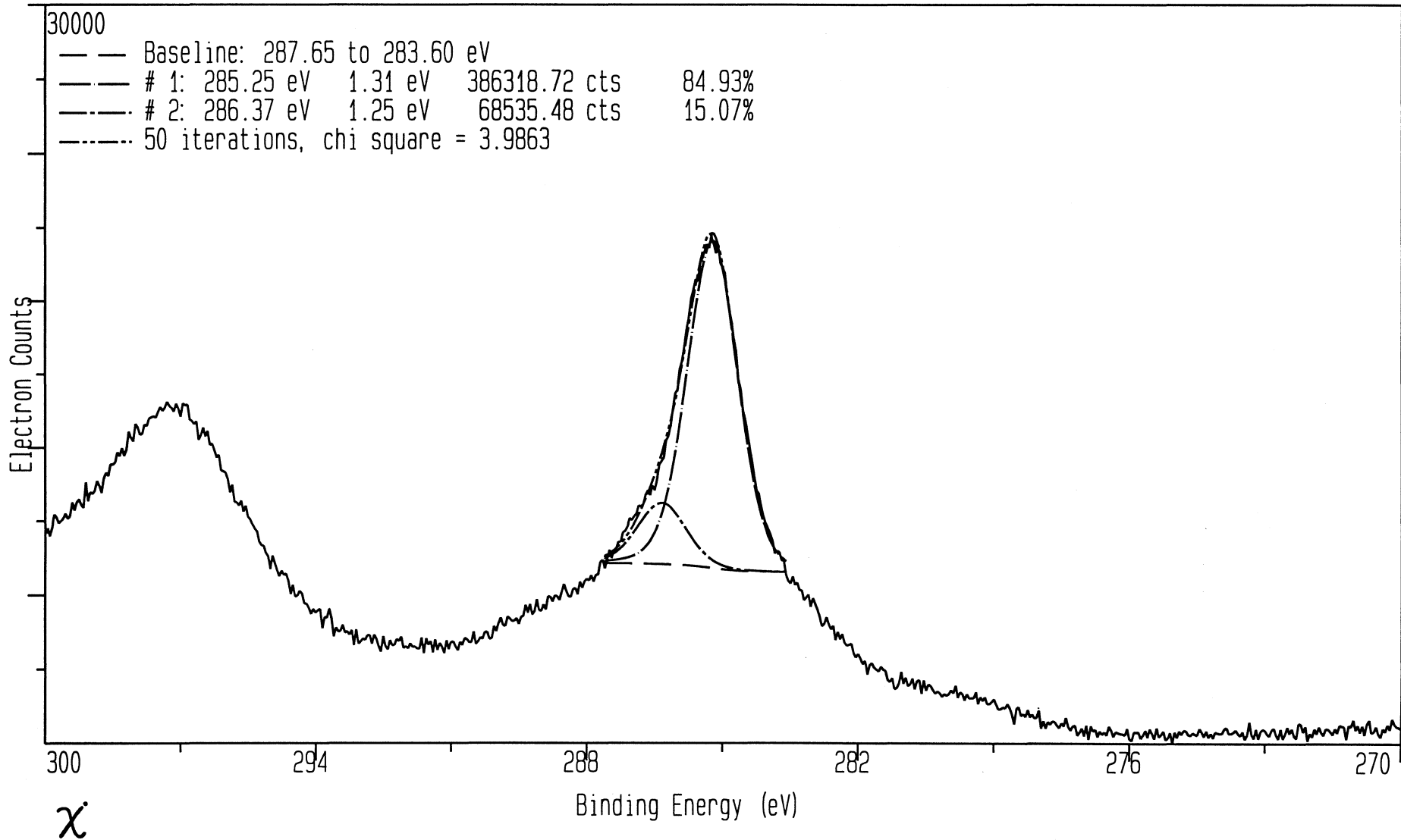
File: CDSE_1	Spot: 250x1000	Flood Gun: Off	Data Points: 601	Date: Jul 26 1994
Region: 6	Resolution: 2	Scans, Time: 15	Time/Point: 200	Operator: V. Crist
Description: CdSe (99.99%) Aldr.Chem.Co., lot#00323JX As rec'd Electronic Grade, 3 micron powder, pressed pellet				



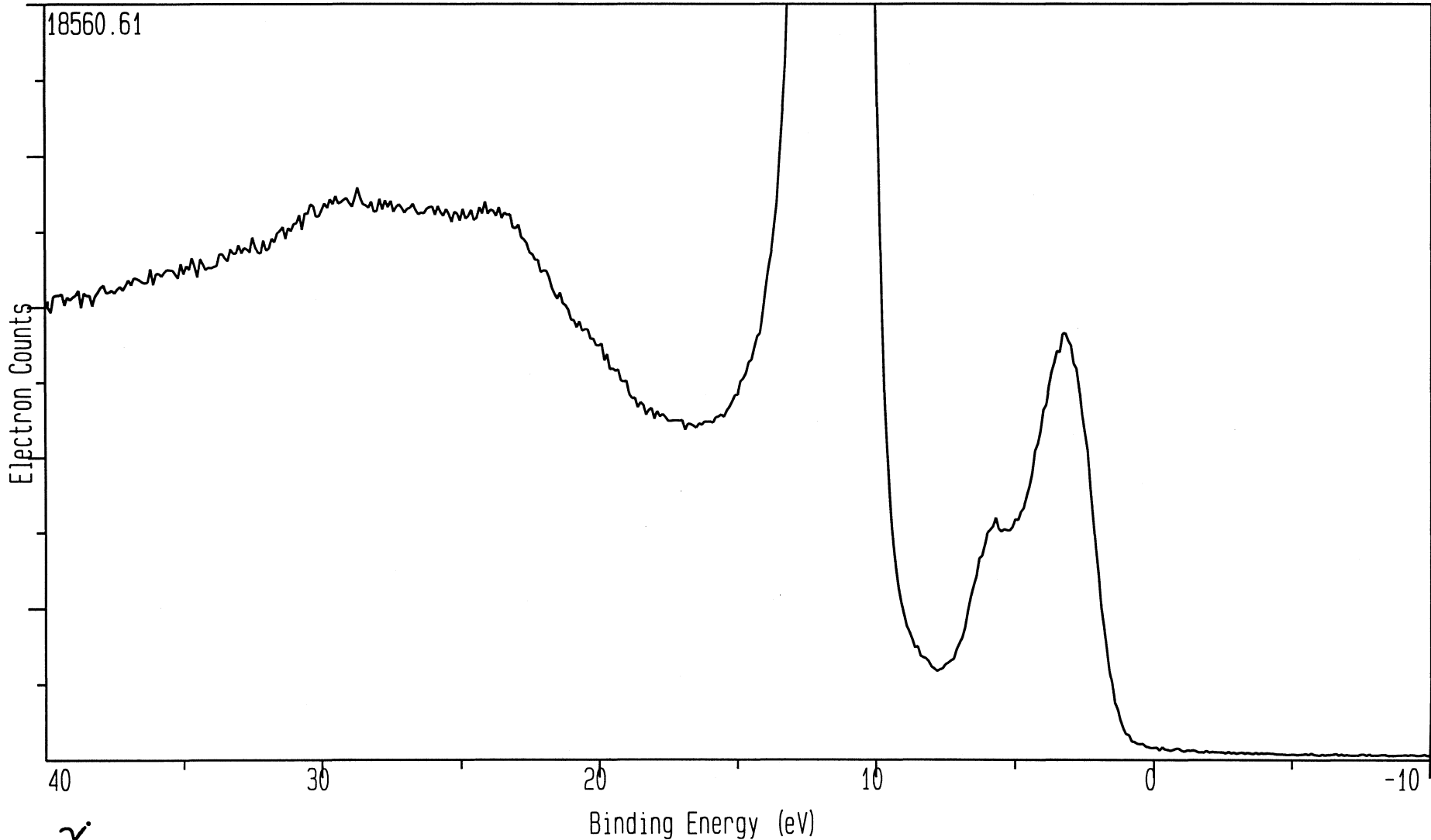
File: CDSE_1	Spot: 250x1000	Flood Gun: Off	Data Points: 401	Date: Jul 26 1994
Region: 4	Resolution: 2	Scans, Time: 20	Time/Point: 200	Operator: V. Crist
Description: CdSe (99.99%) Aldr.Chem.Co., lot#00323JX As rec'd Electronic Grade, 3 micron powder, pressed pellet				



File: CDSE_1	Spot: 250x1000	Flood Gun: Off	Data Points: 601	Date: Jul 26 1994
Region: 5	Resolution: 2	Scans, Time: 30	Time/Point: 200	Operator: V. Crist
Description: CdSe (99.99%) Aldr.Chem.Co., lot#00323JX As rec'd Electronic Grade, 3 micron powder, pressed pellet				



File: CDSE_1	Spot: 250x1000	Flood Gun: Off	Data Points: 501	Date: Jul 26 1994
Region: 3	Resolution: 4	Scans, Time: 20	Time/Point: 200	Operator: V. Crist
Description: CdSe (99.99%) Aldr.Chem.Co., lot#00323JX As rec'd Electronic Grade, 3 micron powder, pressed pellet				



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