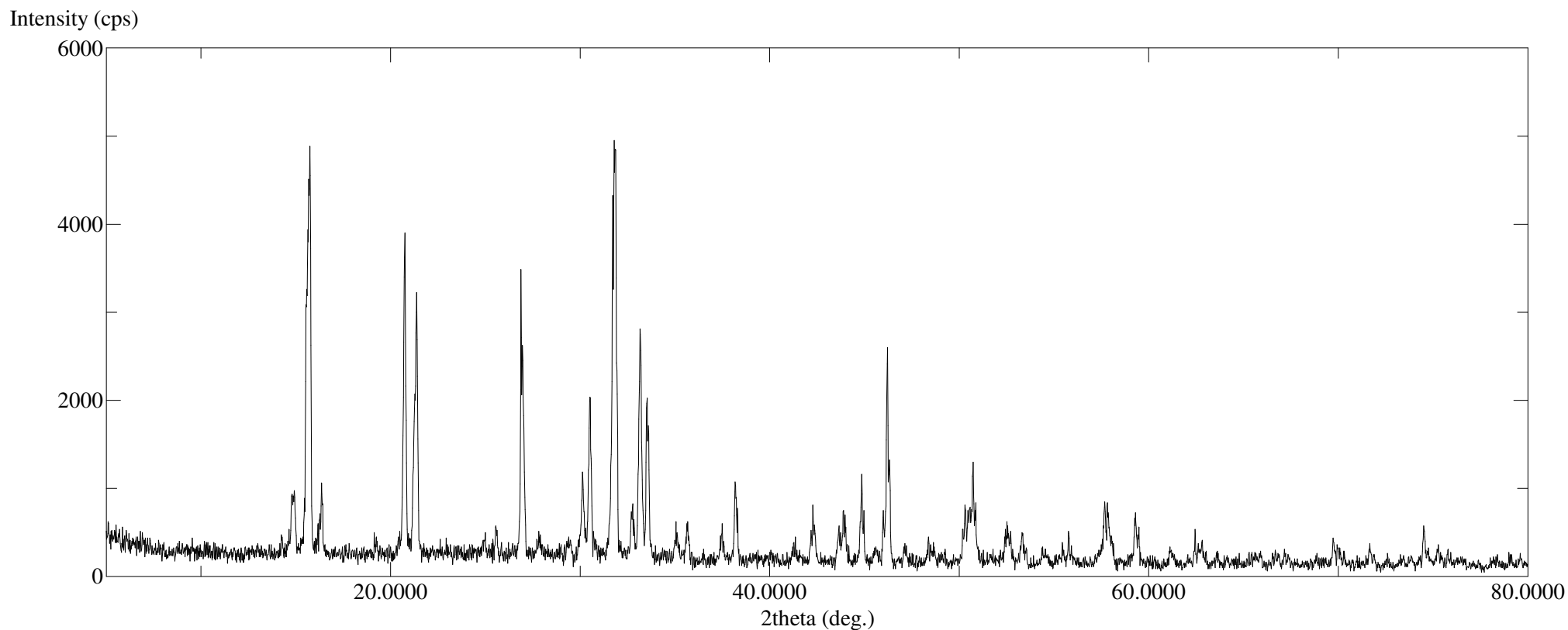


Raw data

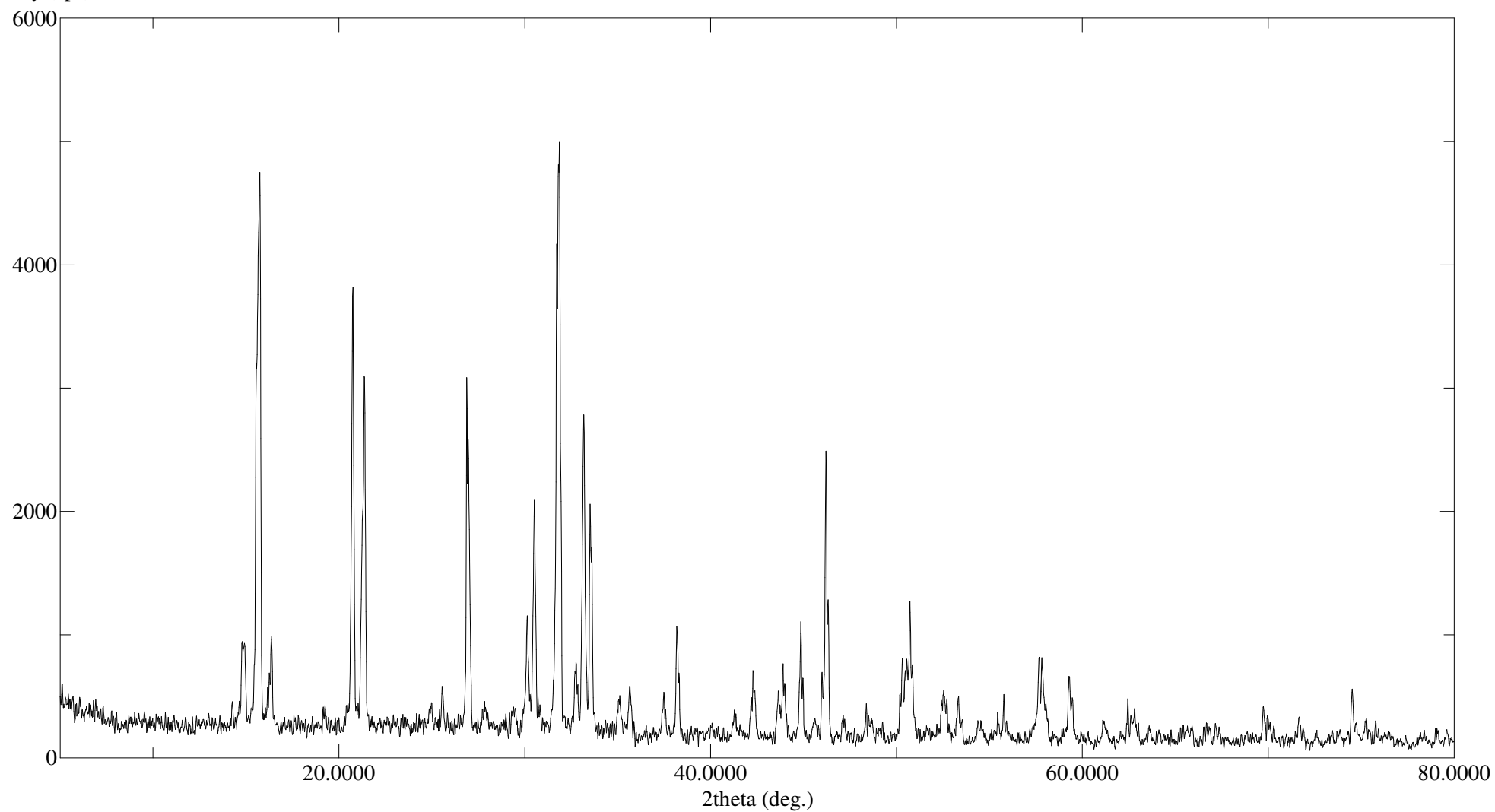
Sample	: org 140 siderop	X-ray	: Cu / 40 kV / 40 mA	Counter	: Scintillation counter
File	: org 140 siderop.raw	Goniometer	: Ultima IV		
Comment	: org 140 siderop	Attachment	: Standard Att.		
Date	: November-11-17 17:08:23	Filter	: K-beta filter	Scan mode	: Continuous
Operator	: Amit	I.Monochro	: Not used	Scan speed	: 15.0000 deg./min.
		C.Monochro	: Not used	Sampling width	: 0.0200 deg.
		DivSlit	: 2/3 deg.	Scan axis	: 2theta/theta
		DivH.L.Slit	: 10mm	Scan range	: 5.0000 -> 80.0000 deg.
		SctSlit	: 2/3 deg.	Theta offset	: 0.0000 deg.
		RecSlit	: 0.3mm		
Memo	: org 140 siderop				



Smoothing

Sample	: org 140 siderop	File	: org 140 siderop.r	Date	: November-11-17 17:08:23	Operator	: Amit
Comment	: org 140 siderop	Memo	: org 140 siderop				
Method	: Savitzky-Golay's	Smoothing Points	: 5				

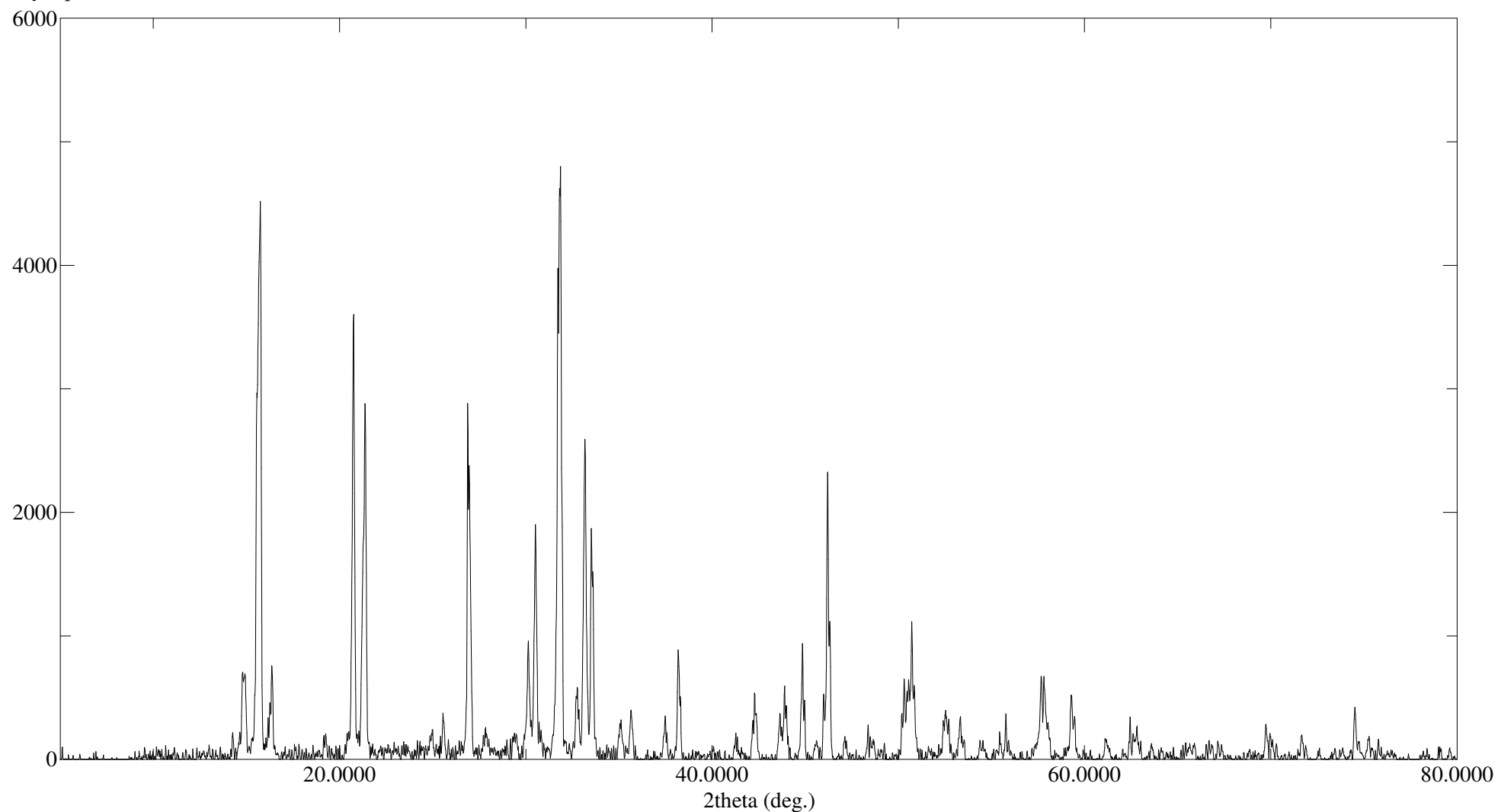
Intensity (cps)



Background subtraction

Sample	: org 140 siderop	File	: org 140 siderop.r	Date	: November-11-17 17:08:23	Operator	: Amit
Comment	: org 140 siderop	Memo	: org 140 siderop				
Method	: Sonneveld-Visser's	Peak max. width	: 10.000 deg.	Peak min.height	: 0.01 cps		

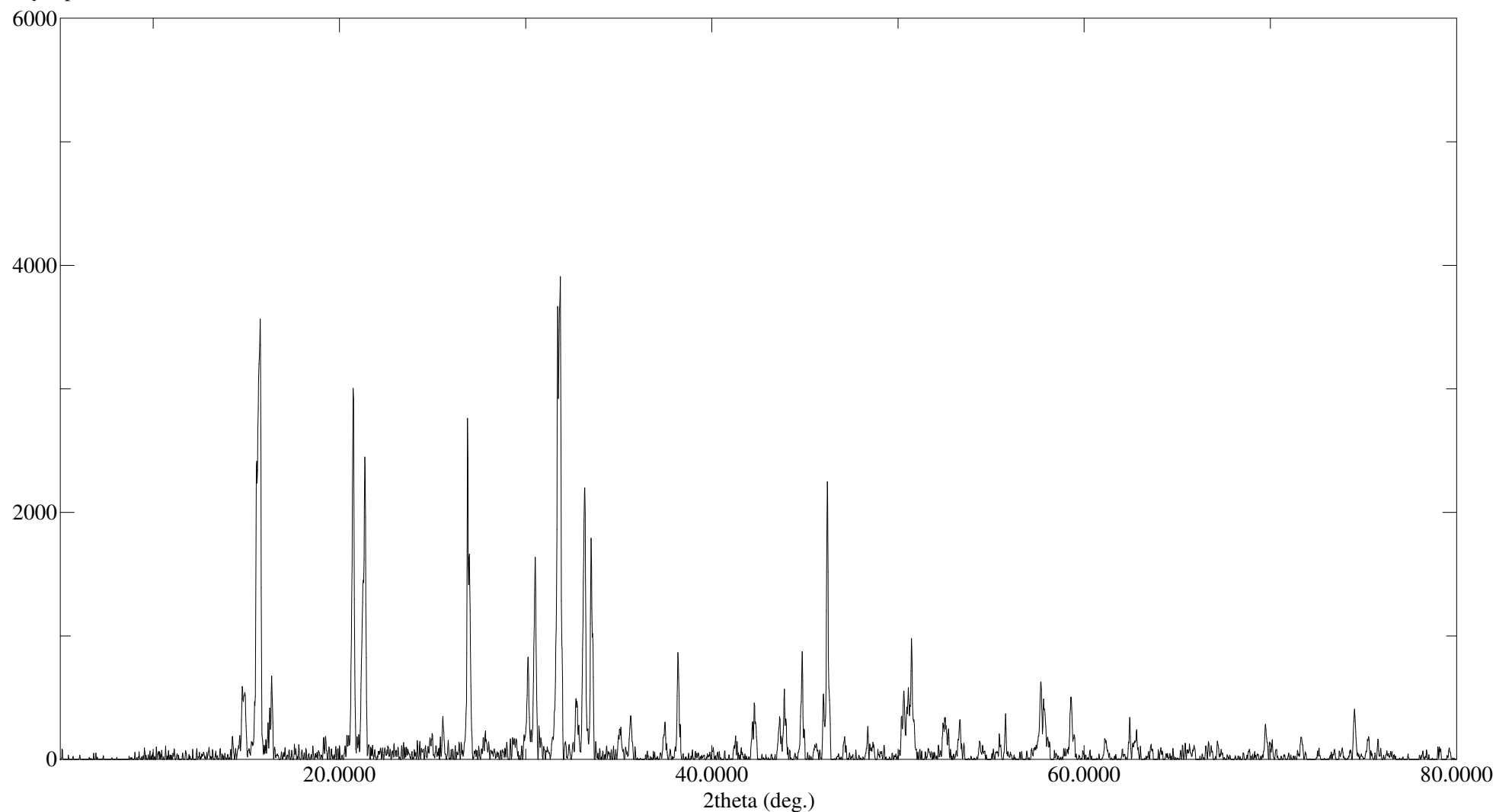
Intensity (cps)



Ka2 elimination

Sample	: org 140 siderop	File	: org 140 siderop.r	Date	: November-11-17 17:08:23	Operator	: Amit
Comment	: org 140 siderop	Memo	: org 140 siderop				
Method	: Rachinger method	Intensity ratio (Ka2/Ka1):	0.290				

Intensity (cps)



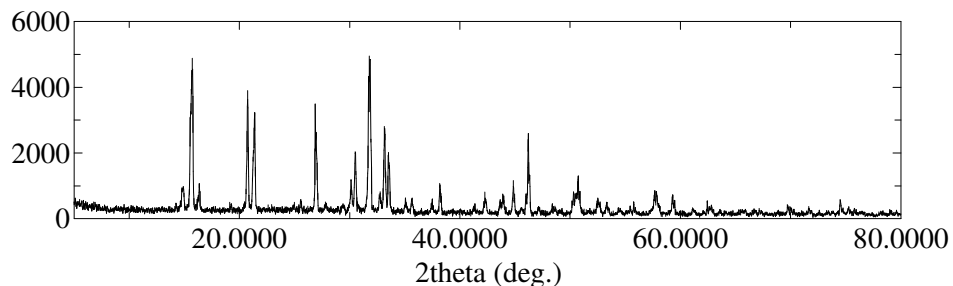
Raw data,Smoothing,Background subtraction,Ka2 elimination

Sample : org 140 siderop	File : org 140 siderop.r	Date : November-11-17 17:08:23	Operator : Amit
Comment : org 140 siderop	Memo : org 140 siderop		

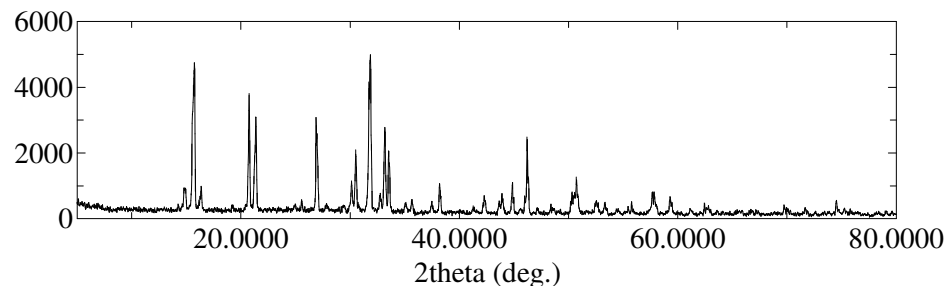
X-ray : Cu / 40 kV / 40 mA	Counter : Scintillation counter
Goniometer : Ultima IV	
Attachment : Standard Att.	
Filter : K-beta filter	Scan mode : Continuous
I.Monochro : Not used	Scan speed : 15.0000 deg./min.
C.Monochro : Not used	Sampling width: 0.0200 deg.
DivSlit : 2/3 deg.	Scan axis : 2theta/theta
DivH.L.Slit: 10mm	Scan range : 5.0000 -> 80.0000 deg.
SctSlit : 2/3 deg.	Theta offset: 0.0000 deg.
RecSlit : 0.3mm	

[Smoothing] Smoothing Points : 5	
[Background subtraction] Peak max. width : 10.000 deg.	Peak min.height : 0.01 cps
[Ka2 elimination] Intensity ratio (Ka2/Ka1): 0.290	

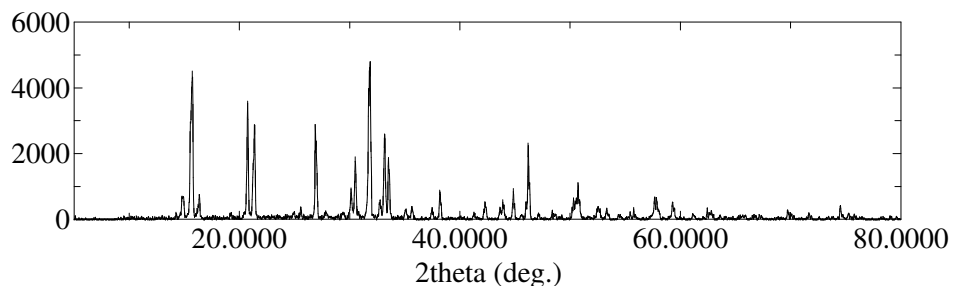
Raw data
Intensity (cps)



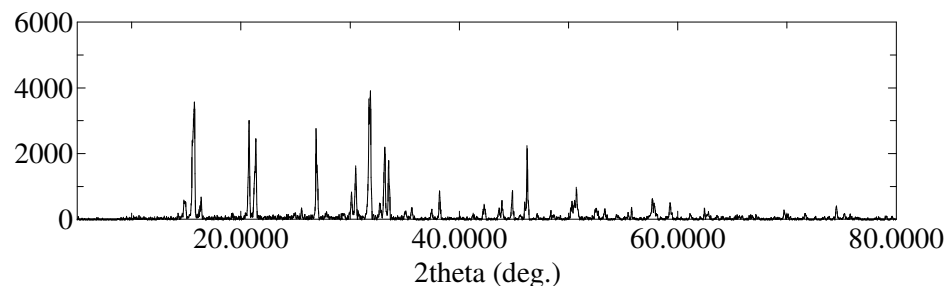
Smoothing
Intensity (cps)



Background subtraction
Intensity (cps)



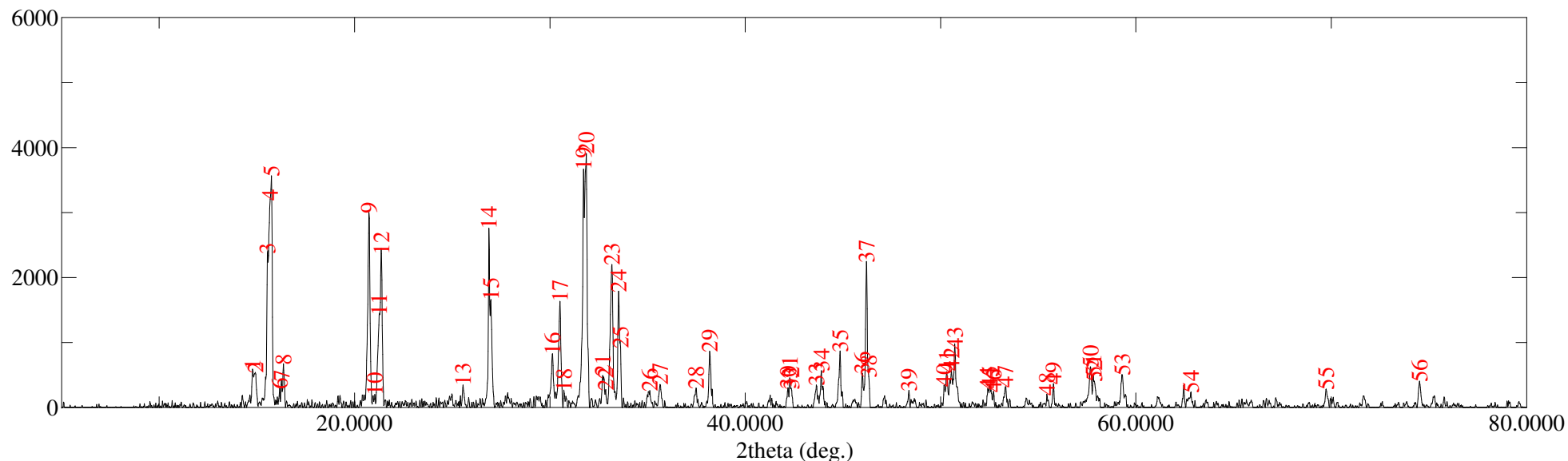
Ka2 elimination
Intensity (cps)



Peak Search

Sample : org 140 siderop File : org 140 siderop.r Date : November-11-17 17:08:23 Operator : Amit
 Comment : org 140 siderop Memo : org 140 siderop
 Method : 2nd differential Typical width : 0.140 deg. Min. height : 199.00 cps

Intensity (cps)

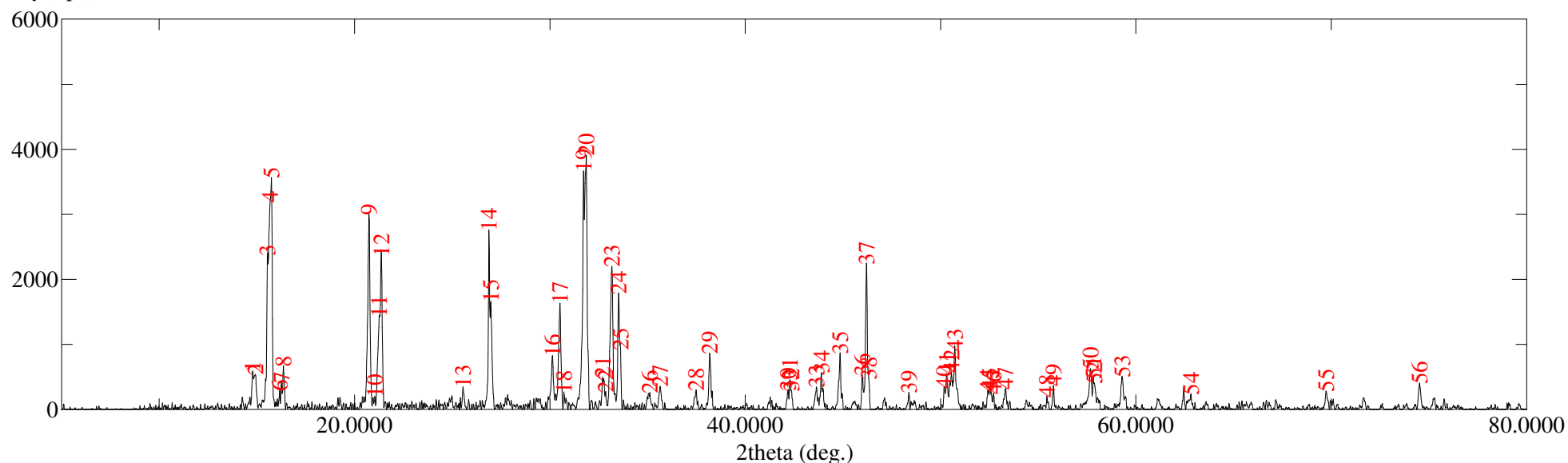


Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io	Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io
1	14.780	0.071		5.9887	591	16	16	30.120	0.094		2.9646	826	22
2	14.920	0.118		5.9328	543	14	17	30.520	0.094		2.9266	1636	42
3	15.540	0.071		5.6975	2382	61	18	30.720	0.071		2.9080	271	7
4	15.680	0.071		5.6469	3203	82	19	31.720	0.071		2.8186	3669	94
5	15.740	0.094		5.6255	3565	92	20	31.860	0.118		2.8065	3908	100
6	16.160	0.071		5.4803	298	8	21	32.700	0.071		2.7363	493	13
7	16.260	0.071		5.4468	417	11	22	32.860	0.071		2.7233	277	8
8	16.360	0.118		5.4137	675	18	23	33.180	0.165		2.6978	2200	57
9	20.740	0.118		4.2792	3004	77	24	33.520	0.094		2.6712	1791	46
10	21.040	0.071		4.2189	201	6	25	33.620	0.071		2.6635	922	24
11	21.260	0.118		4.1757	1425	37	26	35.120	0.071		2.5531	261	7
12	21.380	0.094		4.1526	2365	61	27	35.640	0.094		2.5170	354	10
13	25.560	0.094		3.4822	349	9	28	37.480	0.071		2.3976	302	8
14	26.880	0.071		3.3141	2761	71	29	38.180	0.141		2.3552	866	23
15	26.980	0.118		3.3020	1663	43	30	42.180	0.071		2.1407	306	8

Peak Search

Sample : org 140 siderop File : org 140 siderop.r Date : November-11-17 17:08:23 Operator : Amit
 Comment : org 140 siderop Memo : org 140 siderop
 Method : 2nd differential Typical width : 0.140 deg. Min. height : 199.00 cps

Intensity (cps)



Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io	Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io
31	42.280	0.071		2.1358	458	12	46	52.720	0.071		1.7348	249	7
32	42.360	0.094		2.1320	294	8	47	53.320	0.094		1.7167	320	9
33	43.640	0.071		2.0724	346	9	48	55.440	0.071		1.6560	208	6
34	43.900	0.071		2.0607	570	15	49	55.780	0.071		1.6467	369	10
35	44.860	0.071		2.0188	873	23	50	57.680	0.118		1.5969	628	17
36	46.000	0.094		1.9714	529	14	51	57.820	0.071		1.5933	491	13
37	46.200	0.094		1.9633	2248	58	52	57.880	0.094		1.5918	407	11
38	46.320	0.071		1.9585	479	13	53	59.300	0.141		1.5571	505	13
39	48.380	0.071		1.8798	267	7	54	62.820	0.071		1.4780	242	7
40	50.180	0.071		1.8165	339	9	55	69.740	0.094		1.3473	286	8
41	50.320	0.094		1.8118	554	15	56	74.520	0.165		1.2723	407	11
42	50.560	0.071		1.8038	581	15							
43	50.740	0.094		1.7978	912	24							
44	52.420	0.071		1.7440	294	8							
45	52.520	0.071		1.7410	307	8							