250 mL Tot

50 g Milk

15.75 mL H_2O

+ 200 or 150 mL H_2O

+ 2.15

BIOCONTROL TECHNOLOGY INC.
Biocontrol Technology, Inc.
300 Indian Springs Road
Indiana, PA 15701

FAX COVER SHEET

Date: 10/7/97 **Number of pages including cover sheet:** 1

To:	Diane Nitzki-George	**From:**	Mary-Margaret Conjelko
	Clinical Market Manager		x115
	Clintec Nutrition Division		Clinical Affairs Supervisor
Phone:	847-948-4905	**Phone:**	412-349-1811
Fax Phone:	847-948-4978	**Fax Phone:**	412-349-8610
CC:			

Remarks: ☐ Urgent ☐ For your review ☐ Reply ASAP ☒ Please comment

Thank you for the fax of the Intralipid 30% insert. When possible, would you please answer the following questions.

1) What sugars, if any, are present?
2) In 30% Intralipid, is the 30% by volume or weight?
3) What is the specific gravity of 30% Intralipid?
4) What percent of the volume of 30% Intralipid is water?
5) What is the retail cost of this product?

Again, thank you for your time and assistance.

Mary Margaret Conjelko

Baxter Prod #

→ 1A6053

Case: 500 mL 10/case Catalogue Price $23.65

Gibard Owens & Min. 412 837 5700

Indiana Gaithi 412 349 4400

$186.10/case

From: Jeremy Grata
To: Mary Margaret Conjelko
Date: 10/7/97 2:47pm
Subject: Intralipid Questions

Hi Mary,
here are some of the questions I had:

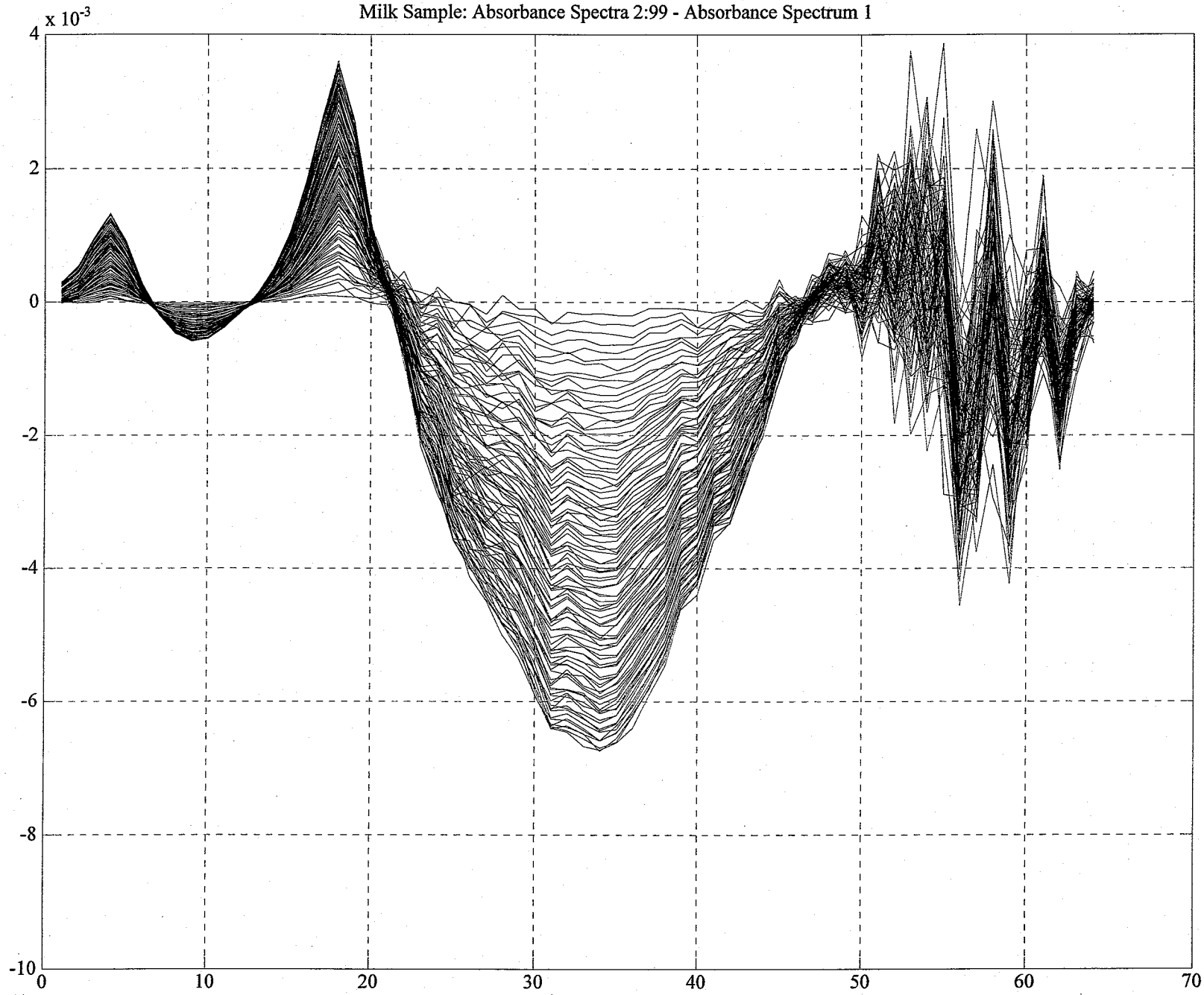
1. what sugars, if any are present in intralipid? Glycerin
2. In 30% Intralipid, Is the 30% by volume or by weight?
3. What is the specific gravity of 30% intralipid? 0.98 rounded
4. What percent of the volume of 30% intralipid is water? 666 ml/L
5. How much does it cost? must call customer service.

I think this just about covers it, I hope.

Thanks
Jerry

① Alliance 1-800-423-2311 635-6021

② 888-229-0001


Milk Sample: Absorbance Spectra 2:99 - Absorbance Spectrum 1
x 10-3
4
2
0
-2
-4
-6
-8
-10
0
10
20
30
40
50
60
70

α = MilK Conc * 2.129077 x10^{-5} + 1.34777

Calibration	Validation	Subset	Slope	Intercept	R^2	Bias	BSC SEP	BC SEP	SEP
HM1	HM2	LU	1.0093	50.6949	0.9917	55.1521	26.0480	26.1801	61.0504
		HU	1.0546	44.5488	0.9909	70.7582	28.5753	32.4817	77.8574
HM2	HM1	LU	0.9527	-24.1766	0.9892	-46.8966	28.1957	31.2127	56.3340
		HU	0.9646	59.8451	0.9849	42.8643	33.8102	35.2597	55.5031
LM1	LM2	LU	1.0048	94.1250	0.9739	96.4321	46.5568	46.5766	107.0913
		HU	1.2251	-72.6361	0.9702	35.4157	60.6876	87.9595	94.8217
LM2	LM1	LU	1.1575	-240.5171	0.8867	-164.9408	117.0315	125.2183	207.0871
		HU	0.9610	-65.9996	0.9925	-84.6976	23.5982	26.0436	88.6113
LU1	LU2	LM	1.1920	-78.0163	0.9882	14.1224	36.8246	65.6034	67.1063
		HM	1.1013	157.4364	0.9710	206.0773	53.8428	60.9963	214.9149
LU2	LU1	LM	2.0193	-1047.1932	0.4636	-557.9056	614.4021	678.6868	878.5638
		HM	0.5496	-563.8264	0.5688	-780.0324	135.3389	185.8697	801.8716
HU1	HU2	LM	1.1547	-143.5170	0.9880	-69.2383	36.0486	56.7031	89.4940
		HM	0.9498	179.5668	0.9691	155.4608	47.9707	50.0295	163.3127
HU2	HU1	LM	0.9701	10.5837	0.9744	-3.7764	44.5025	45.2999	45.4570
		HM	0.9652	-484.4914	0.9170	-501.2000	82.1175	82.7056	507.9780
Full 1	Full 2	HMLU	1.0303	97.0010	0.9715	111.5594	49.8794	50.6117	122.5032
		HMHU	1.0845	105.7881	0.9748	146.3302	49.3021	54.7852	156.2496
		LMLU	1.2389	-125.5215	0.9656	-10.8315	66.1472	94.5661	95.1844
		LMHU	1.5969	-391.5952	0.8268	-105.0910	206.7131	266.8931	286.8380
	280:880	LMHU	0.8875	90.7832	0.9618	25.5354	39.5415	46.8647	53.3700
Full 2	Full 1		0.7865	-139.9327	0.9314	-242.4349	60.3784	85.4032	257.0378
			0.9124	-148.5871	0.9679	-190.6467	46.9980	53.1324	197.9122
			1.1269	-214.8324	0.7918	-153.9237	163.4600	167.3539	227.3759
			0.8204	25.3924	0.8538	-60.8108	96.0316	108.6383	124.4999

$y = Ae^{\alpha t}$

$\ln y = \ln A_0 + \alpha t$

$y = b + mx$

$y = c \ln x + B$

$e^y = e^{c \ln x} e^b$

$y = T_0 e^{\alpha t}$

$\ln y = \ln T_0 + \alpha t_n$

$T = t_0 e^{\alpha T}$

$\ln T = \ln t_0 + \alpha t$

$y = c \ln t + b$

$\alpha = 2.129 \times 10^{-5} (\text{milK conc}) + 1.3498$

X Y $\ln y$

$y = c \ln y + b$

$e^y =$

Calibration	Validation	Subset	Slope	Intercept	R^2	Bias	BSC SEP	BC SEP	SEP
HM1	HM2	LU	1.0093	50.6949	0.9917	55.1521	26.0480	26.1801	61.0504
		HU	1.0546	44.5488	0.9909	70.7582	28.5753	32.4817	77.8574
HM2	HM1	LU	0.9527	-24.1766	0.9892	-46.8966	28.1957	31.2127	56.3340
		HU	0.9646	59.8451	0.9849	42.8643	33.8102	35.2597	55.5031
LM1	LM2	LU	1.0048	94.1250	0.9739	96.4321	46.5568	46.5766	107.0913
		HU	1.2251	-72.6361	0.9702	35.4157	60.6876	87.9595	94.8217
LM2	LM1	LU	1.1575	-240.5171	0.8867	-164.9408	117.0315	125.2183	207.0871
		HU	0.9610	-65.9996	0.9925	-84.6976	23.5982	26.0436	88.6113
LU1	LU2	LM	1.1920	-78.0163	0.9882	14.1224	36.8246	65.6034	67.1063
		HM	1.1013	157.4364	0.9710	206.0773	53.8428	60.9963	214.9149
LU2	LU1	LM	2.0193	-1047.1932	0.4636	-557.9056	614.4021	678.6868	878.5638
		HM	0.5496	-563.8264	0.5688	-780.0324	135.3389	185.8697	801.8716
HU1	HU2	LM	1.1547	-143.5170	0.9880	-69.2383	36.0486	56.7031	89.4940
		HM	0.9498	179.5668	0.9691	155.4608	47.9707	50.0295	163.3127
HU2	HU1	LM	0.9701	10.5837	0.9744	-3.7764	44.5025	45.2999	45.4570
		HM	0.9652	-484.4914	0.9170	-501.2000	82.1175	82.7056	507.9780

1:620

PG090897-07

LH1	LU2	Lm	1.1920	-79.0163	14.1224	36.8246	67.1063
		Hm	1.1613	157.4364	206.0773	53.8428	214.9148

HU2	LU1	Lm	2.6193	-1047.2	-557.9056	614.4041	878.5638
		Hm	.5496	-563.8	-780.0324	135.3389	861.8716

HU1	HU2	Lm	1.1547	-143.5170	-69.2389	36.0486	89.4940
		Hm	.9498	179.5668	155.4608	42.9201	163.3127

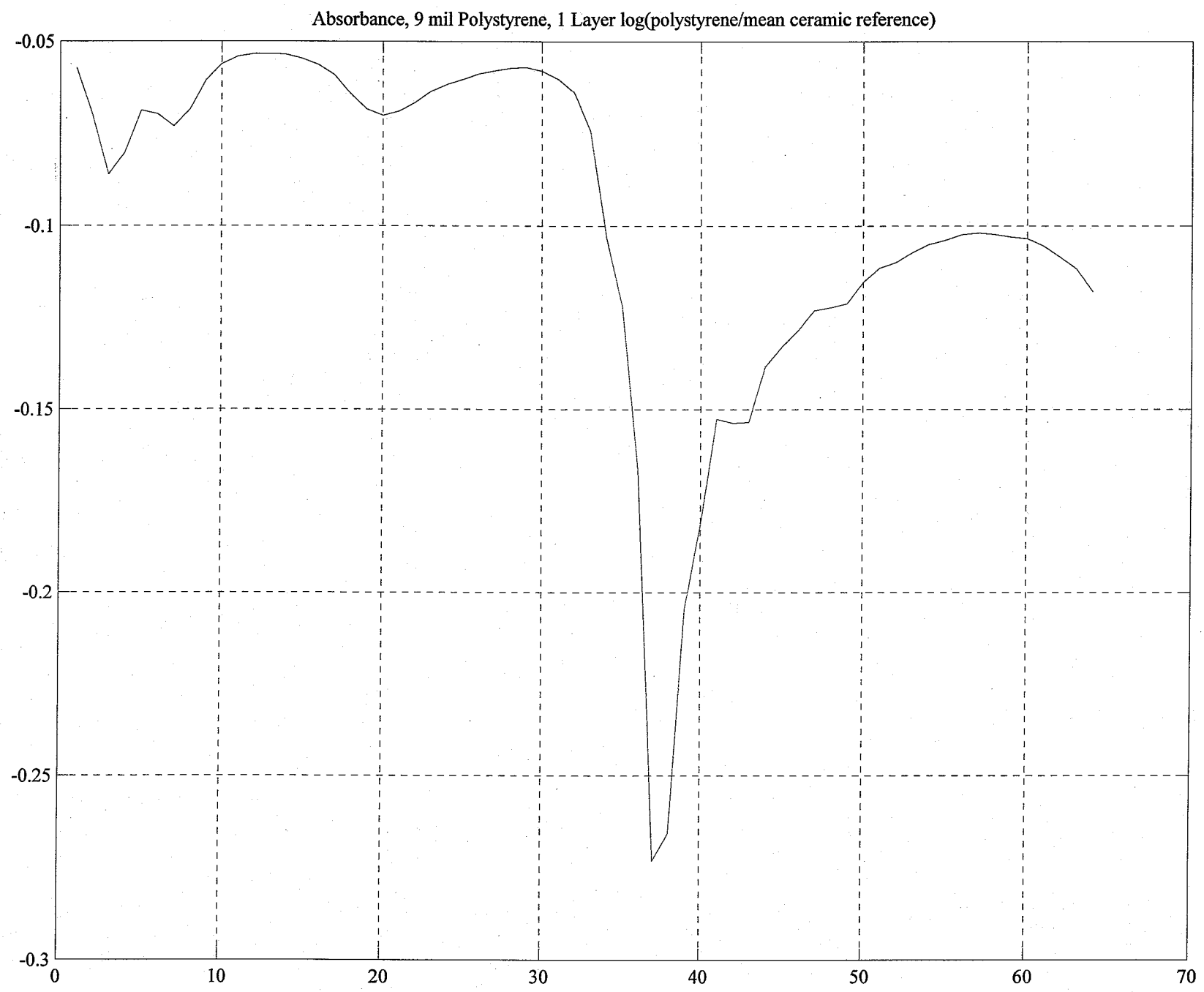
HU2	HU1	Lm	.9201	10.5837	-3.7764	44.5025	45.4570
		Hm	.9652	-484.4914	-501.2000	82.1175	507.7780

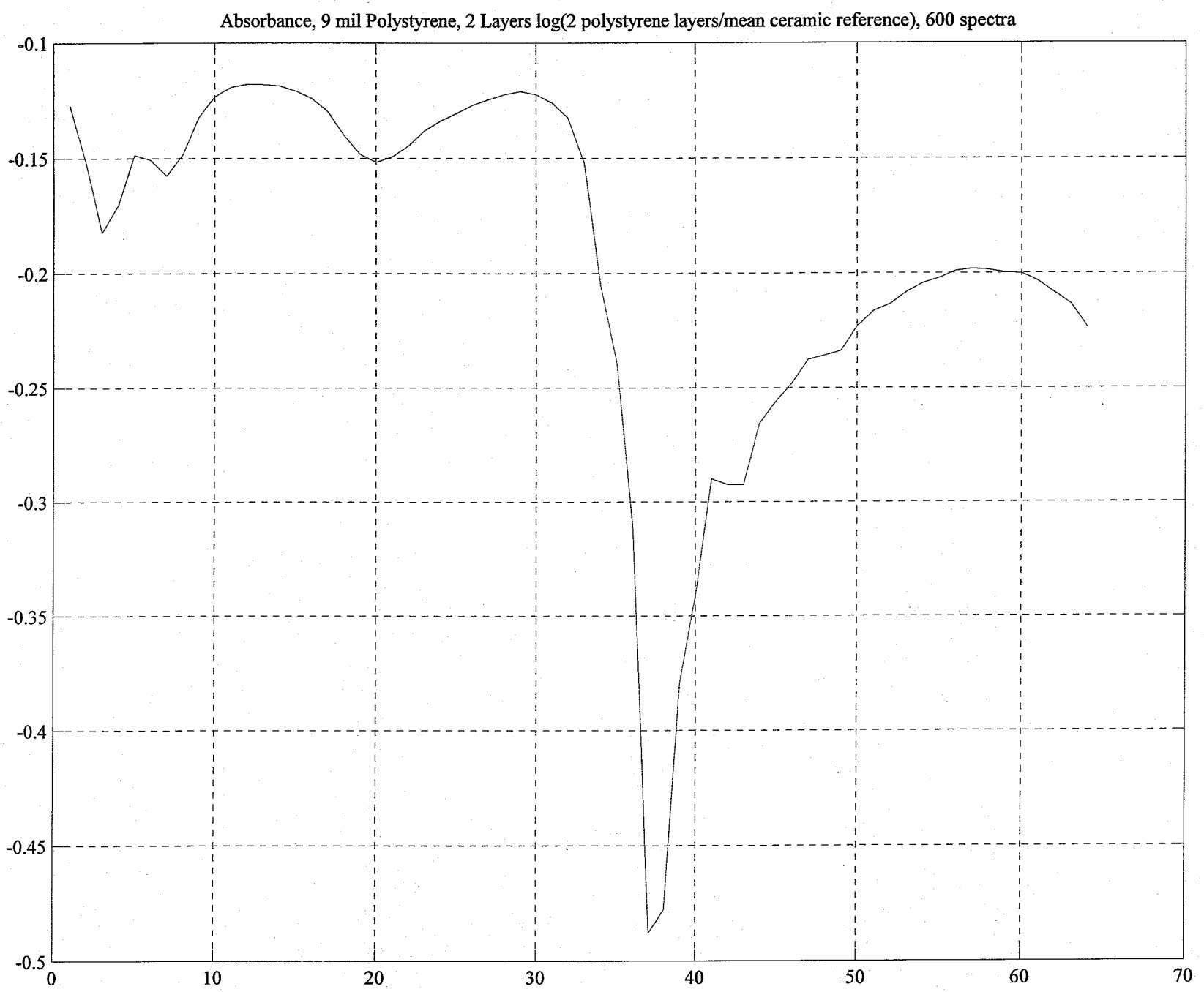
5	5-4	4-3	3-2	2-1
4	5-3	4-2	3-1	
3	5-2	4-1		
2	5-1			
1				

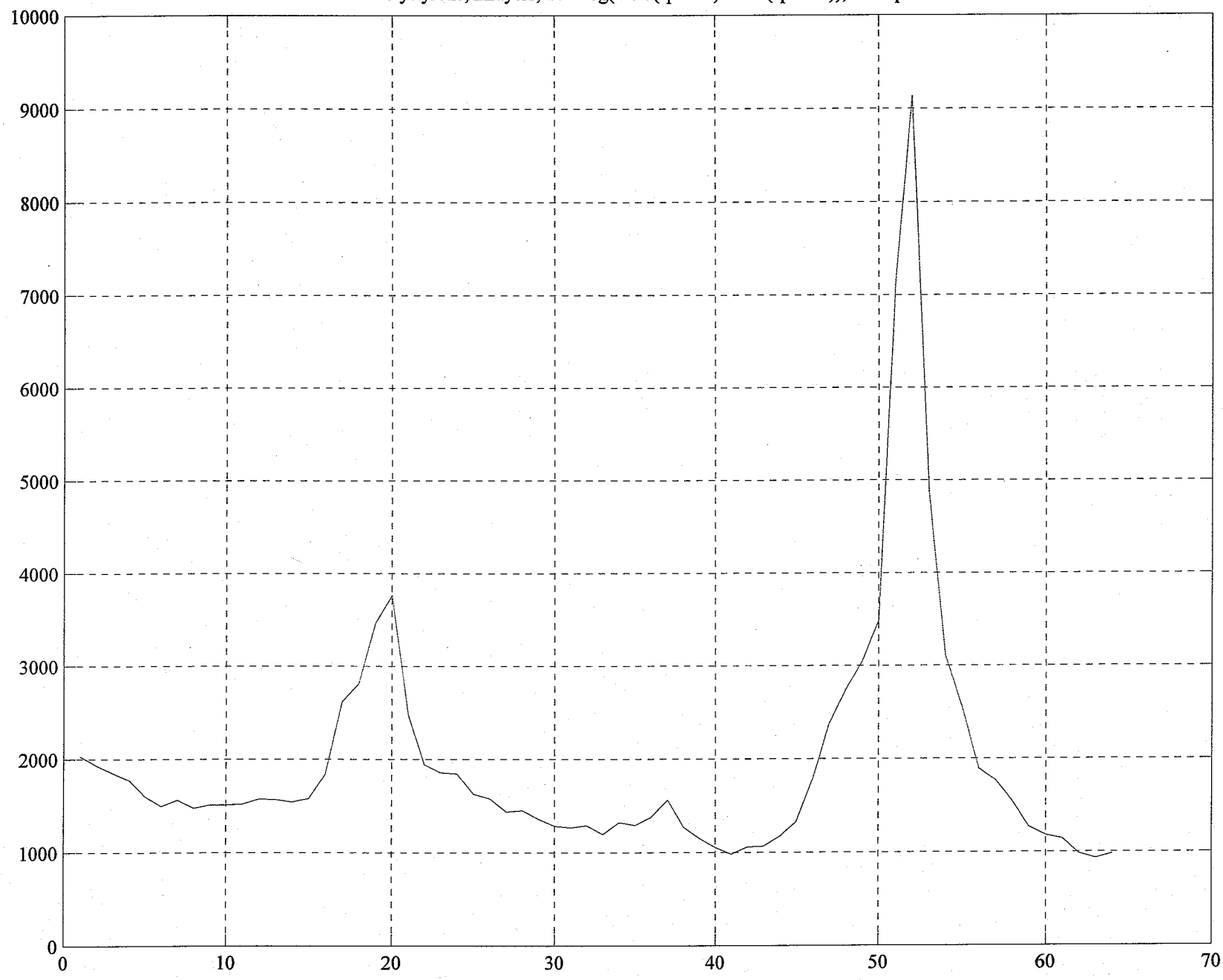
880

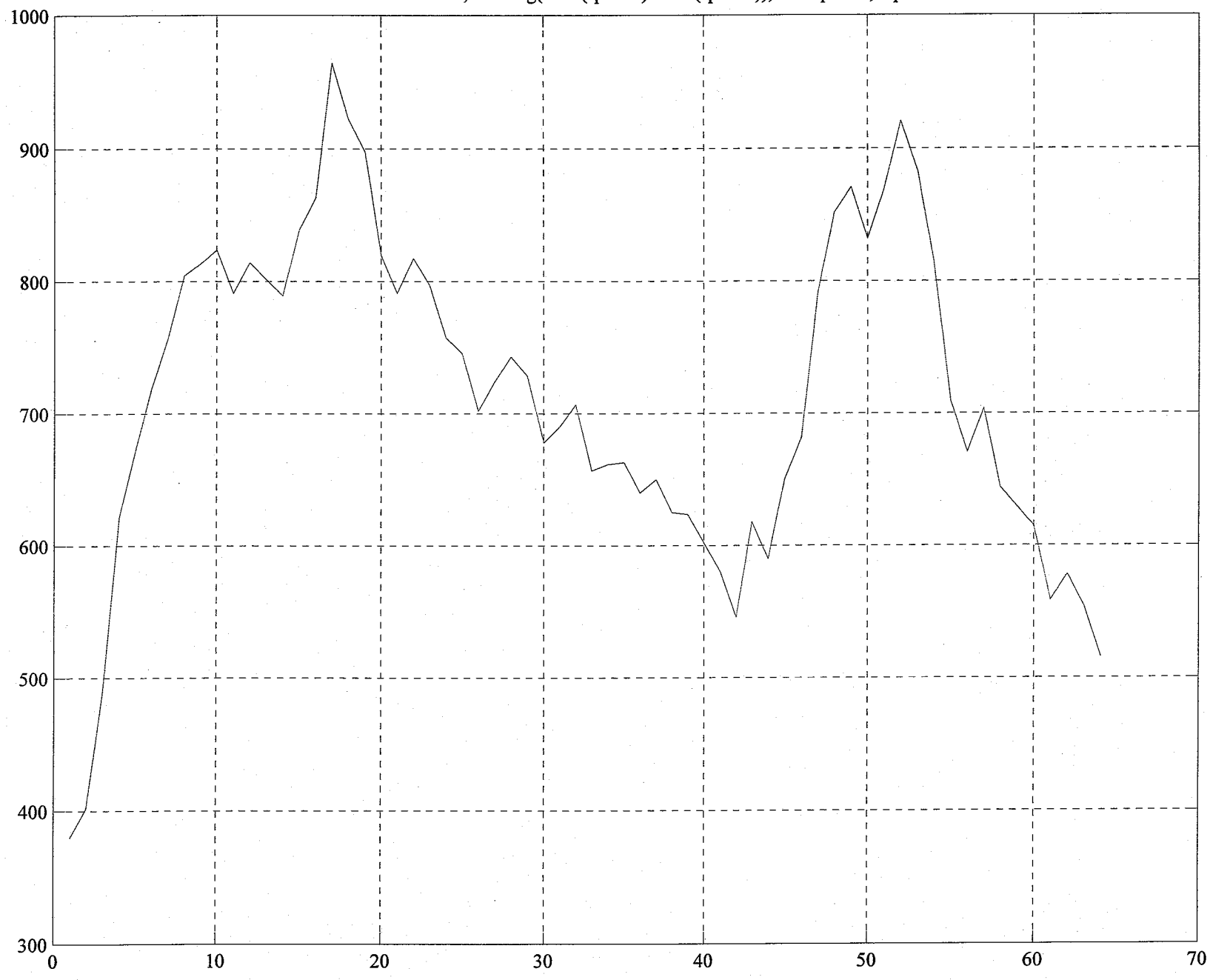
80

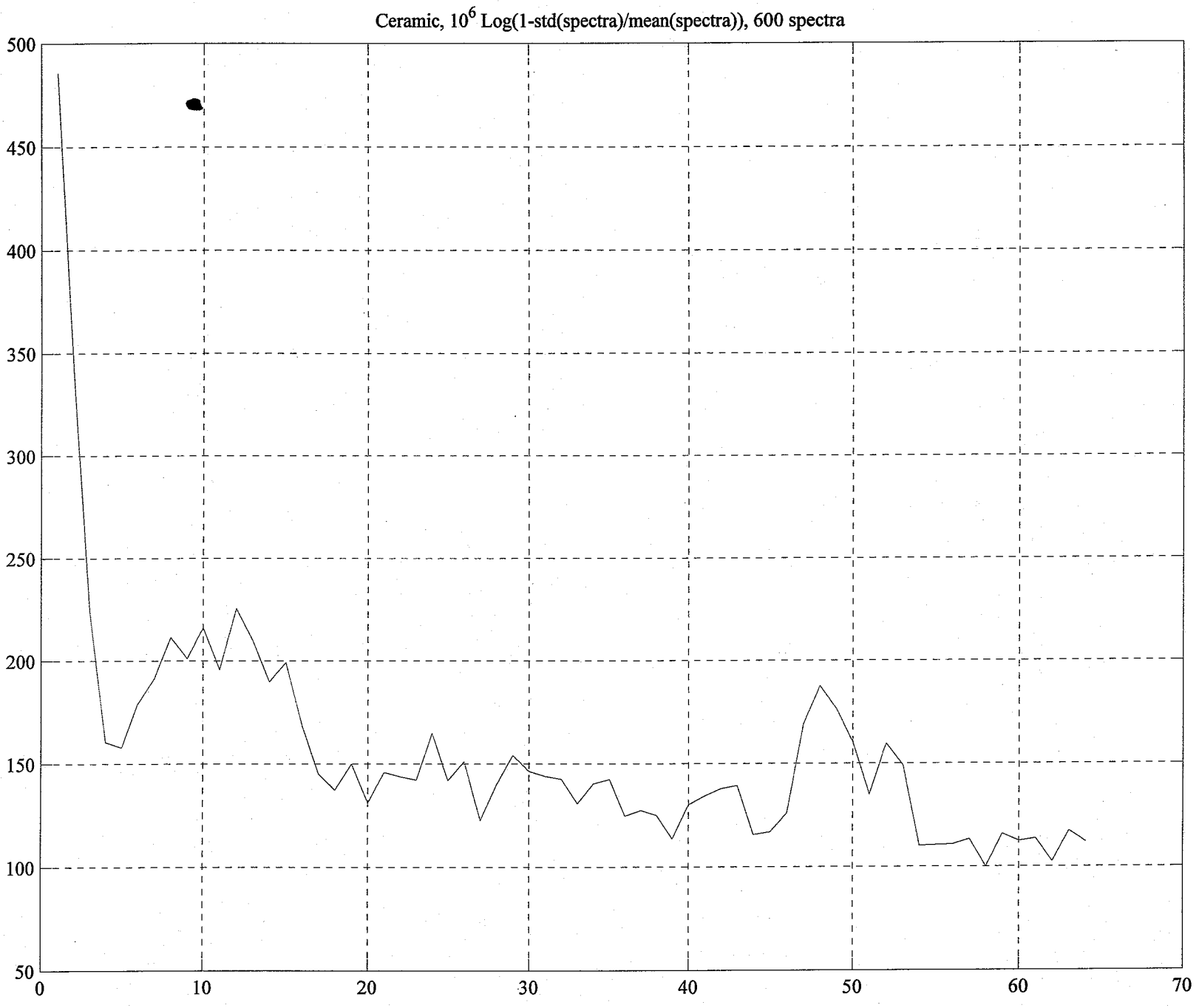
Cal	Val	R25	S	TNT	Bins	BSC	SEP
1hm	2hm	LO	1.0093	50.6949	55.1521	26.0480	61.0504
		HO	1.0546	44.5488	70.7582	28.5753	77.8574
2hm	1hm	LO	.9527	59			
		HO	.9646	-24.1766			
		LO	.9527	-24.1766	-46.8966	28.1957	56.3340
		HO	.9646	59.8451	42.8643	33.8102	55.5031
1Lm	2Lm	LO	1.0048	94.1250	96.4321	46.5568	107.0913
		HO	1.2251	-72.1636	35.4157	60.6876	94.8217
		HO 250-650	1.0253	63.2360	77.9707	15.4909	79.6340
2Lm	1Lm	LO	1.1575	-240.517	-169.9408	117.0315	207.0571
		HO	.9600	-65.9996	-84.6976	23.5982	88.6113

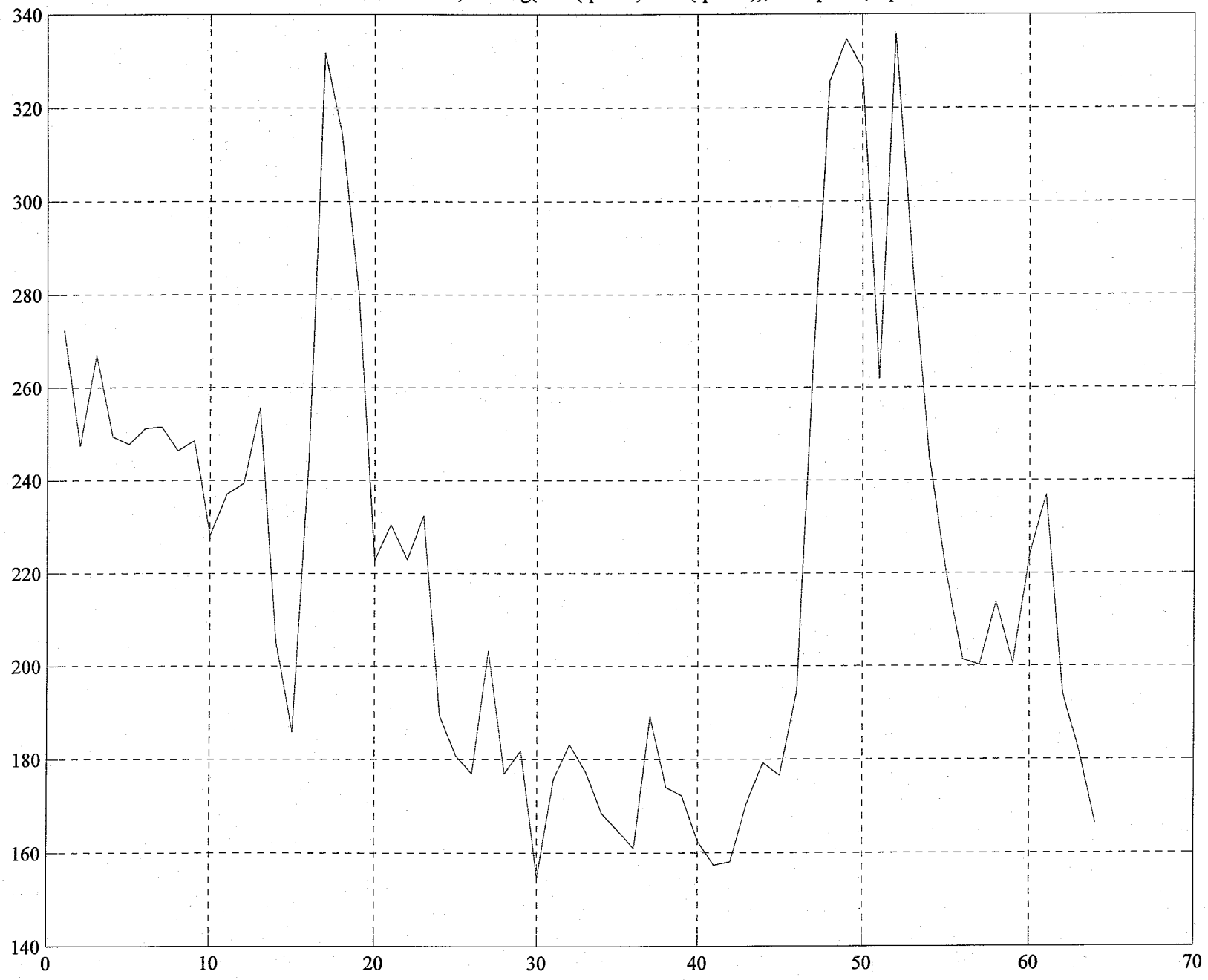

Absorbance, 9 mil Polystyrene, 1 Layer log(polystyrene/mean ceramic reference)
-0.05
-0.1
-0.15
-0.2
-0.25
-0.3
0
10
20
30
40
50
60
70

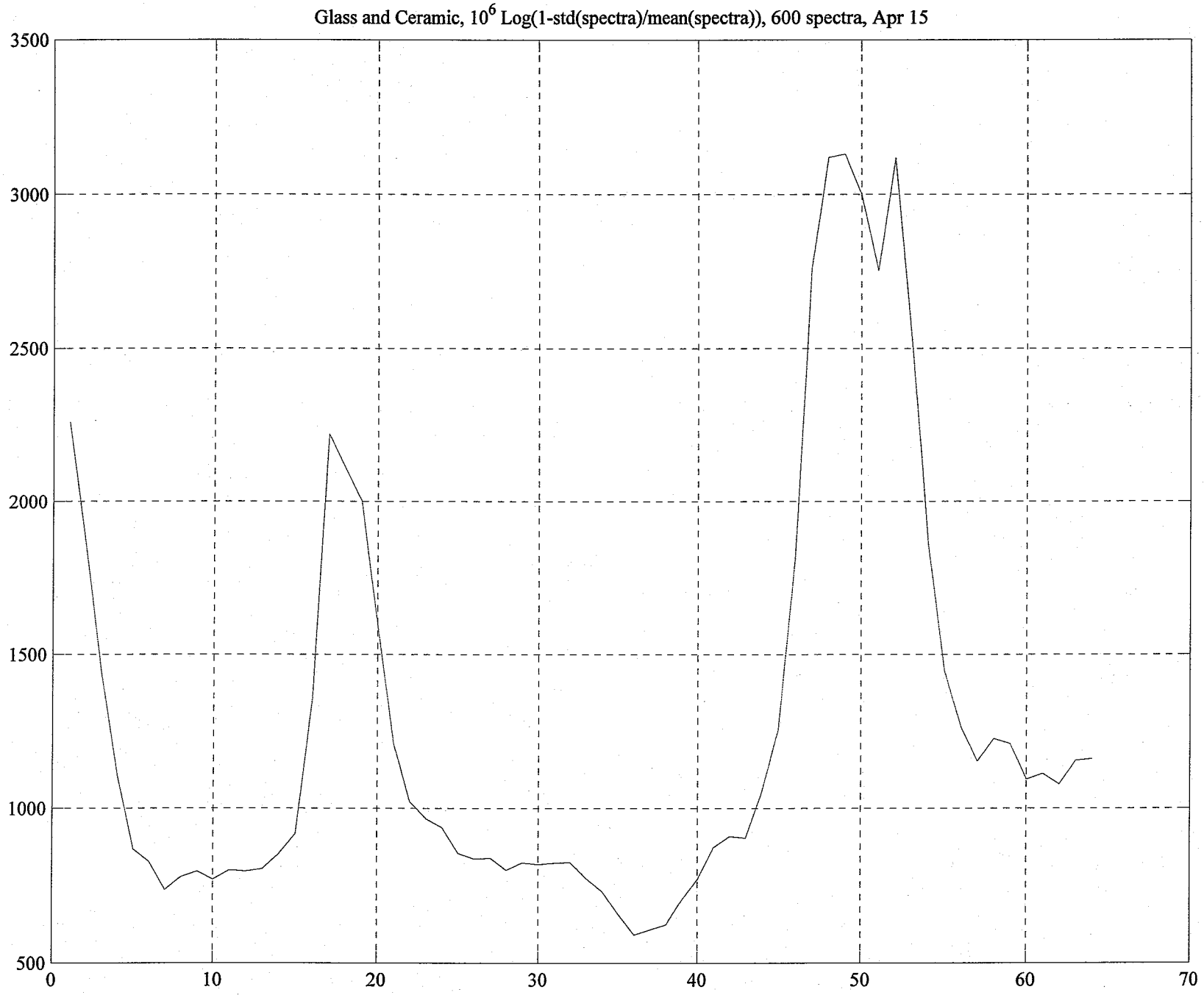

Absorbance, 9 mil Polystyrene, 2 Layers log(2 polystyrene layers/mean ceramic reference), 600 spectra
-0.1
-0.15
-0.2
-0.25
-0.3
-0.35
-0.4
-0.45
-0.5
0
10
20
30
40
50
60
70


9 mil Polystyrene, 2Layers, 10^6 Log(1-std(spectra)/mean(spectra)), 600 spectra
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
10
20
30
40
50
60
70


Glass anc Ceramic, 10^6 Log(1-std(spectra)/mean(spectra)), 600 spectra, Apr11
1000
900
800
700
600
500
400
300
0
10
20
30
40
50
60
70


Ceramic, 10^6 Log(1-std(spectra)/mean(spectra)), 600 spectra
500
450
400
350
300
250
200
150
100
50
0
10
20
30
40
50
60
70


Glass anc Ceramic, 10^6 Log(1-std(spectra)/mean(spectra)), 600 spectra, Apr14
340
320
300
280
260
240
220
200
180
160
140
0
10
20
30
40
50
60
70


Glass and Ceramic, 10^6 Log(1-std(spectra)/mean(spectra)), 600 spectra, Apr 15
3500
3000
2500
2000
1500
1000
500
0
10
20
30
40
50
60
70