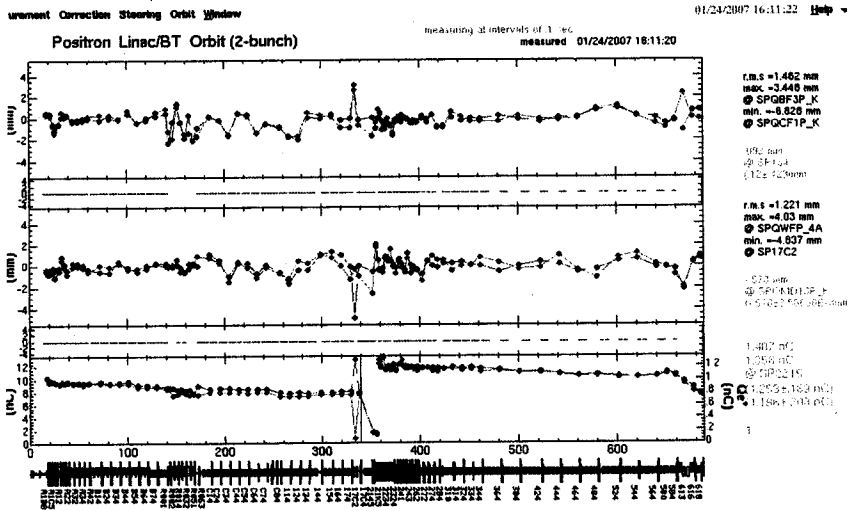


16:06 very - 動通調整後 a X-scan. e^+ intensity 減少 12%.



primary e^- 2.85 nC
 @ SP17C2

range DK Auto + Fix (5) DV Auto + Fix (5) G Auto + Fix (13) e/n° 10 Raprot

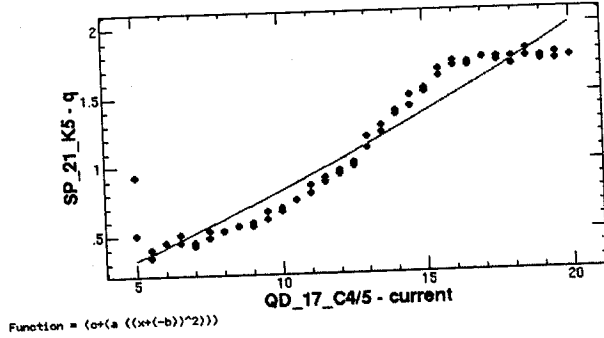
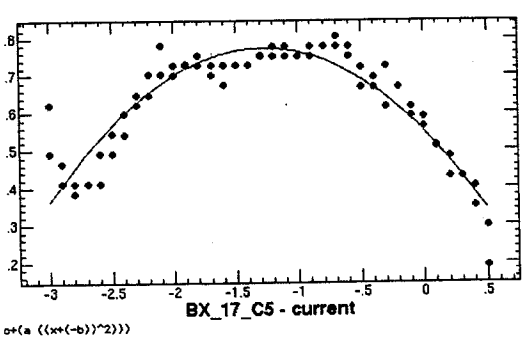
Clear Statistics Standard Size

mess -gold mess -> ref stat -> ref

single double

Window 01/24/2007 16:11:16 Help File Edit Window 01/24/2007 16:25:51 Help

.23101 Goodness = .47736 ChiSquare = 1.29863 Goodness = .47351
 /- .00707 b = -1.2750 +/- .02398 c = 1.77345 +/- .01023 a = .00135 +/- .00105 b = -28.625 +/- 32.1047 c = -1.1988 +/- 1.76651

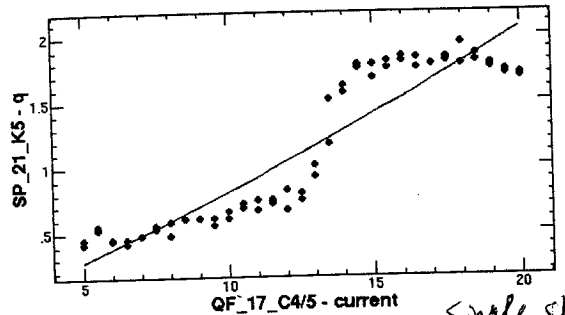


16:25 = 20:30 single shot sp1 = 2.85 5 times Average is 2.85
 single correlation 2.85 2sec interval 2000 5.85 2.85 2.85!
 Mon 2A at 2 single shot 12:00 12.

nominal value
 } QD 17 C4 17.7 A
 QF 17 C4/5 16.962 A

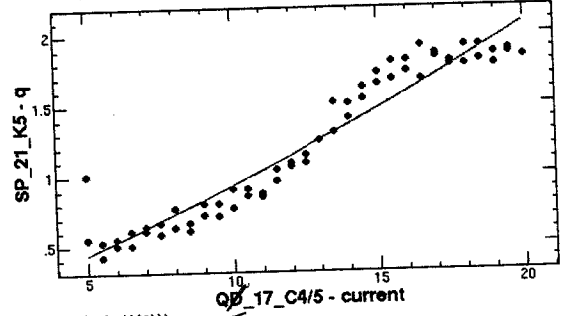
File Edit Window 01/24/2007 16:35:43 Help
 ChiSquare = 2.92336 Goodness = .47551
 a = .00133 +/- .00158 b = -32.005 +/- 52.6216 c = -1.5404 +/- 3.10561

File Edit Window 01/24/2007 16:36:28 Help
 ChiSquare = 1.30870 Goodness = .47551
 a = .00123 +/- .00106 b = -31.797 +/- 36.1078 c = -1.2158 +/- 2.05794



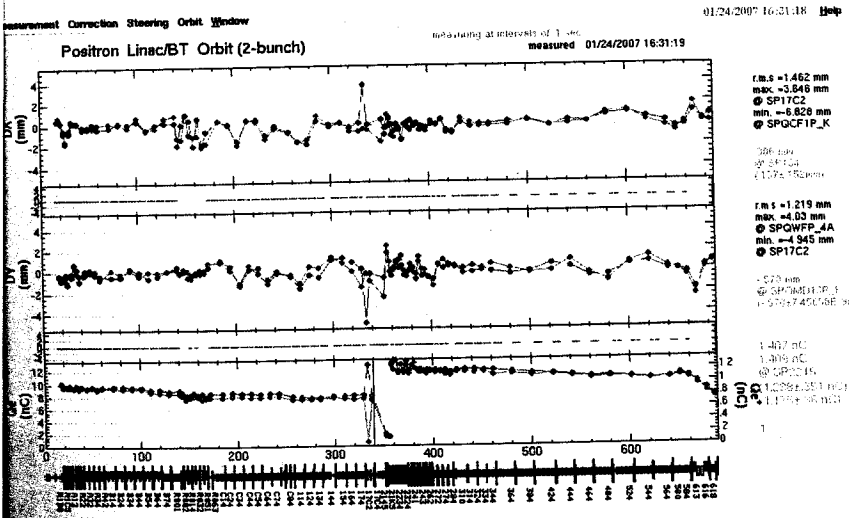
Function = (a*((x-(b))^2))

single shot



Function = (a*((x-(b))^2))

Hard Copy



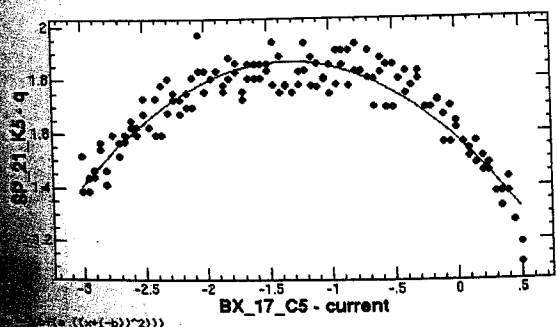
r.m.s = 1.462 mm
 max = 3.846 mm
 @ SP17C2
 min = -6.826 mm
 @ SPOCFIP_K

r.m.s = 1.219 mm
 max = 4.03 mm
 @ SPOWFP_AA
 min = -4.945 mm
 @ SP17C2

1.407 mm
 1.309 mm
 @ SPOCFIP_K
 1.125 mm
 1.176 mm

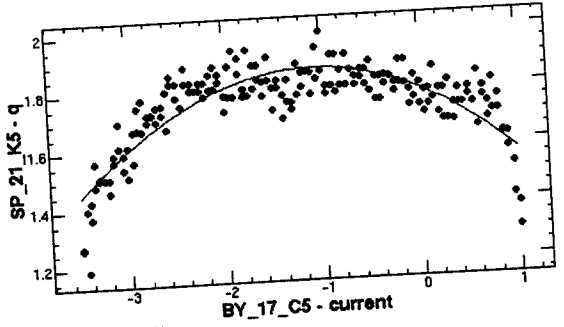
File Edit Window 01/24/2007 16:45:11 Help
 ChiSquare = .59832 Goodness = .48405
 a = -1.6219 +/- .00586 b = -1.3268 +/- .01649 c = 1.86627 +/- .00824

File Edit Window 01/24/2007 16:53:58 Help
 ChiSquare = 1.01015 Goodness = .48594
 a = -.07161 +/- .00361 b = -1.0779 +/- .03085 c = 1.87014 +/- .00831



Function = (a*((x-(b))^2))

Hard Copy

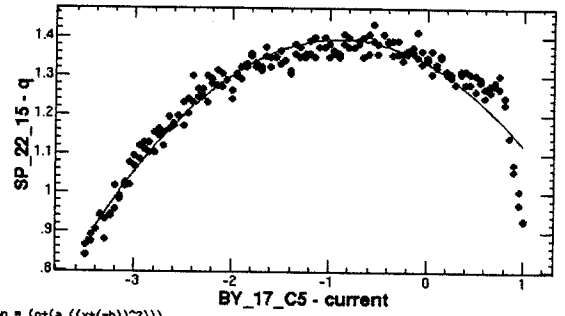
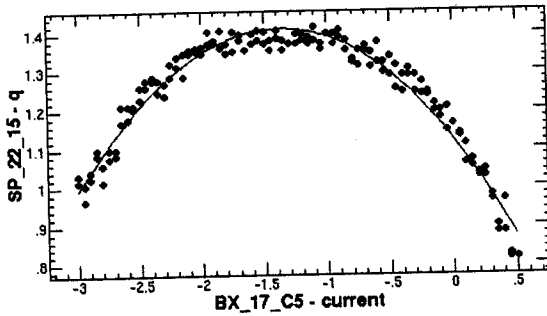


Function = (a*((x-(b))^2))

130

File Edit Window 01/24/2007 17:32:31 Help
 ChiSquare = .29811 Goodness = .48594
 a = -.07626 +/- .00196 b = -.69225 +/- .01768 c = 1.39348 +/- .00443

File Edit Window 01/24/2007 17:19:33 Help
 ChiSquare = .29811 Goodness = .48594
 a = -.07626 +/- .00196 b = -.69225 +/- .01768 c = 1.39348 +/- .00443

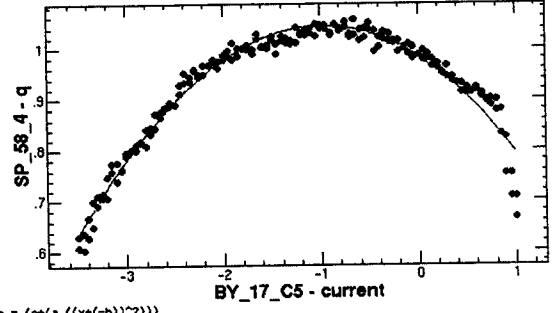
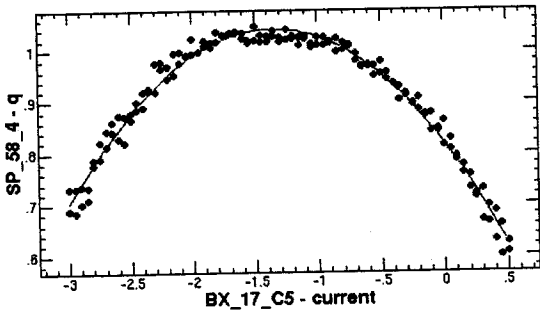


tion = (c+(a*((x+(-b))^2)))

Function = (c+(a*((x+(-b))^2)))

Copy
 File Edit Window 01/24/2007 17:39:52 Help
 ChiSquare = .09352 Goodness = .48594
 a = -.06417 +/- .00110 b = -.97272 +/- .01111 c = 1.04450 +/- .00250

File Edit Window 01/24/2007 17:48:20 Help
 ChiSquare = .09352 Goodness = .48594
 a = -.06417 +/- .00110 b = -.97272 +/- .01111 c = 1.04450 +/- .00250



tion = (c+(a*((x+(-b))^2)))

Function = (c+(a*((x+(-b))^2)))

Copy

Hard Copy

17:50

準夜 2:22 scan

標的 FB offset a 準夜に BX(17-4) a 準夜に
 scan steering 17 PX-17-C5 と PY-17-C5 準夜。

FB Gain -0.5 → -1/2 変更

Xscan.

SP-17-C4 = 5mm

C offset = 0

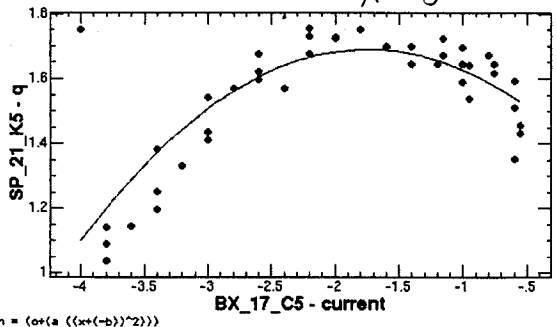
SP-17-C4
y = 0 mm

SP-17-C~~4~~

File Edit Window 01/24/2007 18:09:08 Help
ChiSquare = .67898 Goodness = .47062
a = -.11512 +/- .02027 b = -1.7404 +/- .10673 c = 1.68960 +/- .02879

SP-17-C4-x=0

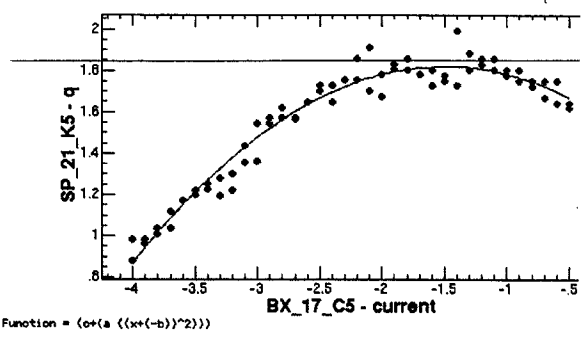
x = 5 mm



File Edit Window 01/24/2007 18:16
ChiSquare = .25290 Goodness = .47736
a = -.15172 +/- .00740 b = -1.4951 +/- .04322 c = 1.82059 +/- .0

17-C4-x=0

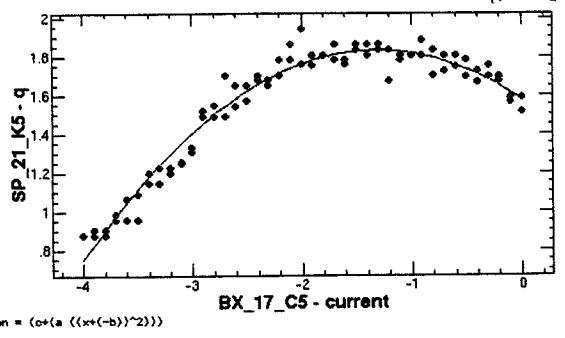
x =



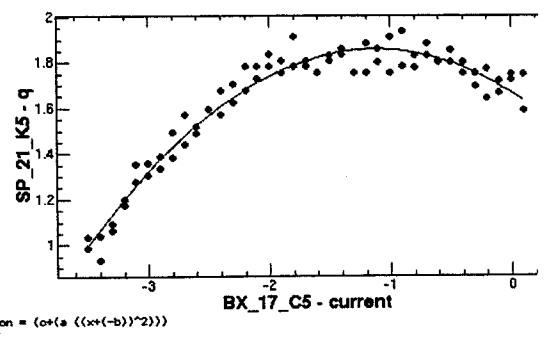
Main Application Area
File Edit Window 01/24/2007 18:23:39 Help
ChiSquare = .32391 Goodness = .47884
a = -.14884 +/- .00565 b = -1.3062 +/- .03312 c = 1.83032 +/- .00970

17-C4-x=0

x = 1 mm



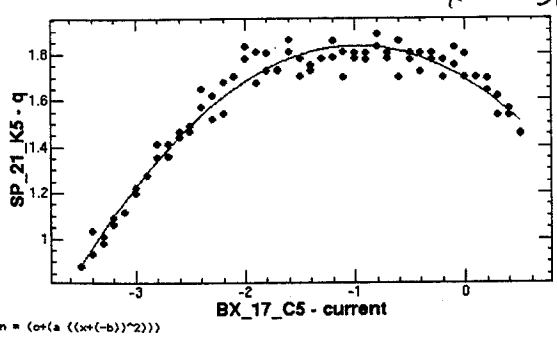
Hard Copy
File Edit Window 01/24/2007 26:06:
ChiSquare = .23568 Goodness = .47768
a = -.15205 +/- .00658 b = -1.1176 +/- .03295 c = 1.85765 +/- .00



Main Application Area
File Edit Window 01/24/2007 18:38:50 Help
ChiSquare = .24056 Goodness = .47884
a = -.14918 +/- .00487 b = -.98228 +/- .02416 c = 1.83490 +/- .00864

17-C4-x=0

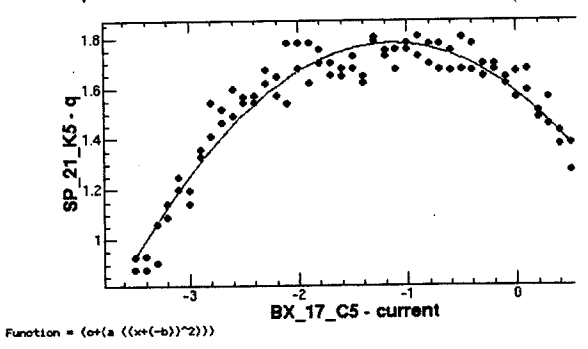
x = -3 mm



Hard Copy
File Edit Window 01/24/2007 18:48
ChiSquare = .39682 Goodness = .47884
a = -.15164 +/- .00626 b = -1.1356 +/- .02649 c = 1.77893 +/- .0

SP-17-C4-x = -1 mm

x =



Hard Copy

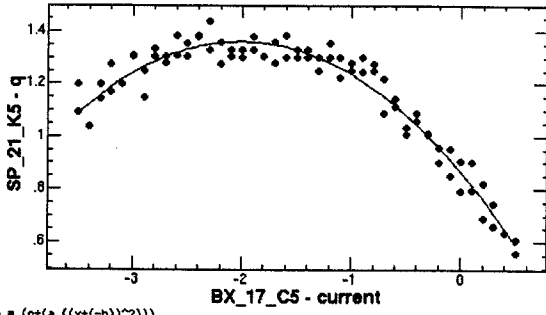
Hard Copy

BX_17_C5 - 0.962 A

$y = 2 \text{ mm}$

File Edit Window 01/24/2007 19:01:00 Help
 ChiSquare = .20348 Goodness = .47884
 a = -.12242 +/- .00450 b = -2.0106 +/- .02703 c = 1.36100 +/- .00800

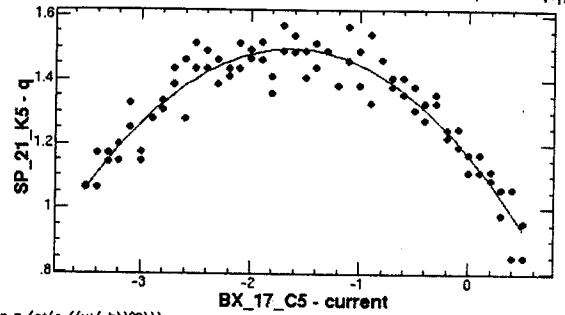
SP-17-4-X=0 mm X=5 mm



Function = (c+(a*((x+(-b))^2)))

File Edit Window 01/24/2007 19:06:15 Help
 ChiSquare = .22981 Goodness = .47884
 a = -.12429 +/- .00506 b = -1.6314 +/- .02219 c = 1.49524 +/- .00947

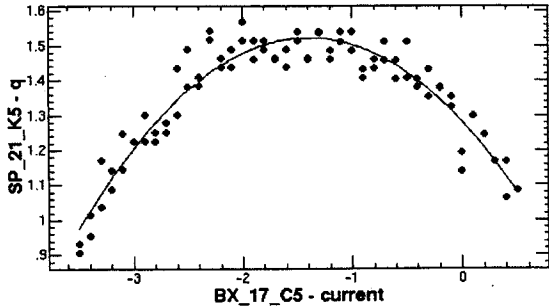
17-4 X=0 mm X=3 mm



Function = (c+(a*((x+(-b))^2)))

rd Copy File Edit Window 01/24/2007 19:12:21 Help
 ChiSquare = .20891 Goodness = .47884
 a = -.12321 +/- .00454 b = -1.3971 +/- .01984 c = 1.52229 +/- .00850

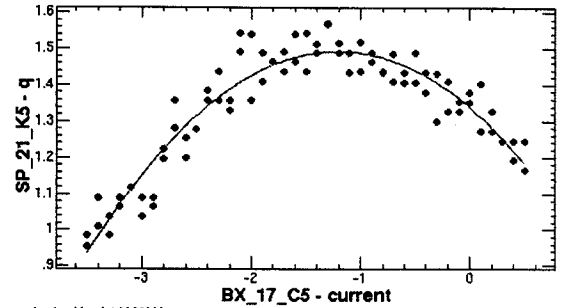
17-4-X=0 mm X=1 mm



Function = (c+(a*((x+(-b))^2)))

Hard Copy File Edit Window 01/24/2007 19:17:36 Help
 ChiSquare = .22413 Goodness = .47884
 a = -.10563 +/- .00470 b = -1.2066 +/- .02691 c = 1.49182 +/- .00865

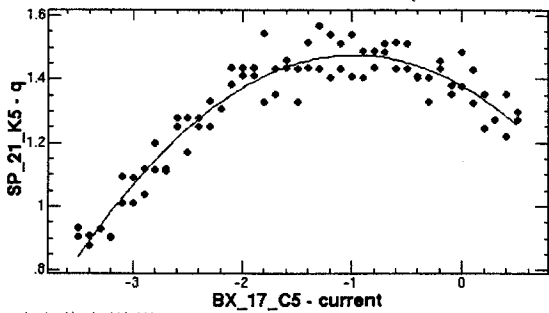
X=-1 mm



Function = (c+(a*((x+(-b))^2)))

File Edit Window 01/24/2007 19:22:50 Help
 ChiSquare = .23927 Goodness = .47884
 a = -.10050 +/- .00496 b = -.98821 +/- .03557 c = 1.47600 +/- .00863

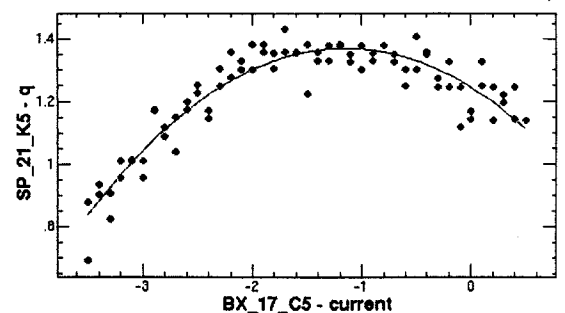
0 mm X=-3 mm



Function = (c+(a*((x+(-b))^2)))

File Edit Window 01/24/2007 19:29:07 Help
 ChiSquare = .25781 Goodness = .47884
 a = -.09591 +/- .00504 b = -1.1504 +/- .03332 c = 1.37040 +/- .00921

-1 mm X=-5 mm

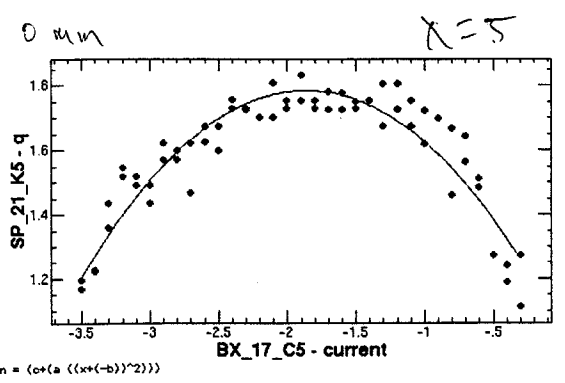


Function = (c+(a*((x+(-b))^2)))

$BX-17_C5 = -0.962A$

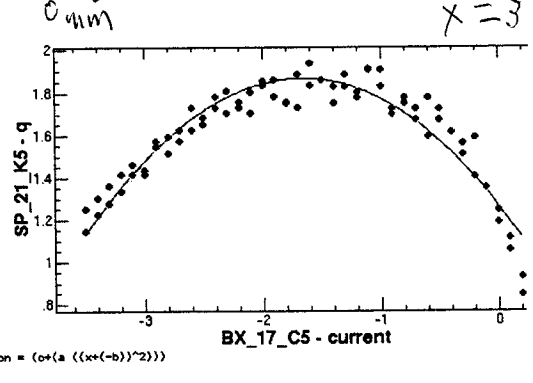
$$y = -2 \frac{(SP-17-C4)}{mm}$$

File Edit Window 01/24/2007 20:01:32 Help
 ChiSquare = .33535 Goodness = .47630
 a = -.21519 +/- .01109 b = -1.8621 +/- .02200 c = 1.78376 +/- .01347



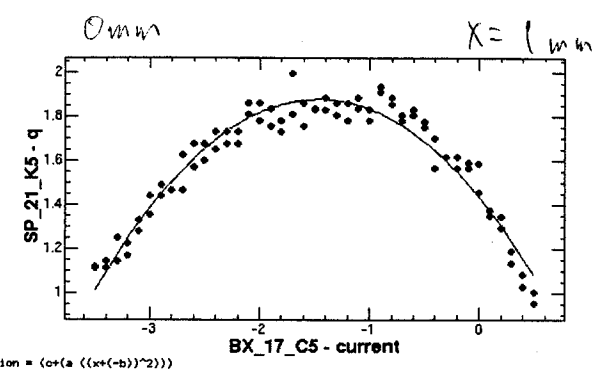
Hard Copy

File Edit Window 01/24/2007 19:56
 ChiSquare = .48623 Goodness = .47799
 a = -.21758 +/- .00871 b = -1.6630 +/- .01963 c = 1.86689 +/- .01122



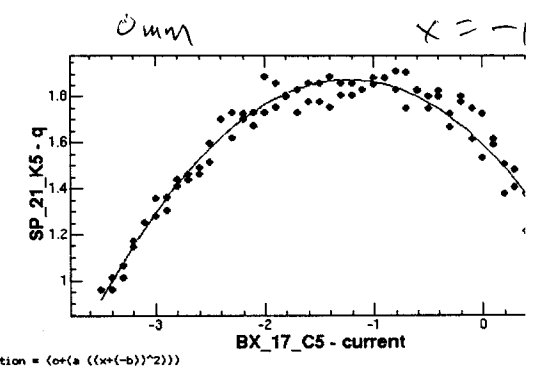
Hard Copy

File Edit Window 01/24/2007 19:50:03 Help
 ChiSquare = .36242 Goodness = .47894
 a = -.20717 +/- .00598 b = -1.4613 +/- .01530 c = 1.87716 +/- .01122

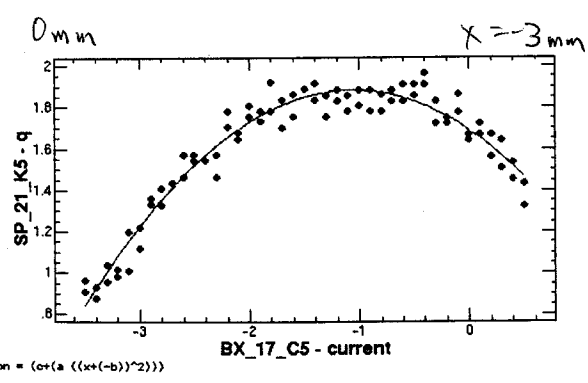


Hard Copy

File Edit Window 01/24/2007 19
 ChiSquare = .28611 Goodness = .47884
 a = -.19620 +/- .00531 b = -1.2308 +/- .01692 c = 1.87449 +/- .01122

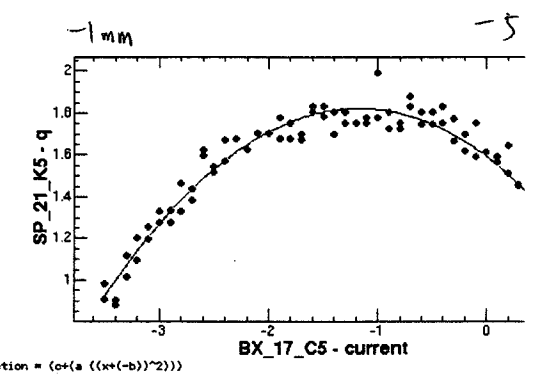


File Edit Window 01/24/2007 19
 ChiSquare = .36772 Goodness = .47884
 a = -.17392 +/- .00602 b = -1.0557 +/- .02391 c = 1.88236 +/- .01083



Hard Copy

File Edit Window 01/24/2007 19
 ChiSquare = .33406 Goodness = .47884
 a = -.16637 +/- .00574 b = -1.1763 +/- .02139 c = 1.82239 +/- .01122



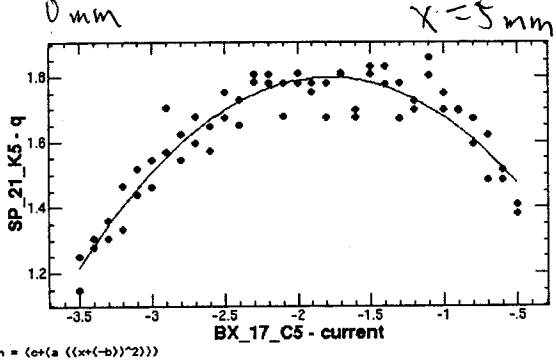
Hard Copy

$$BY-17-C5 = -0.962A$$

p=17-4 A2-1 SP-17-C4

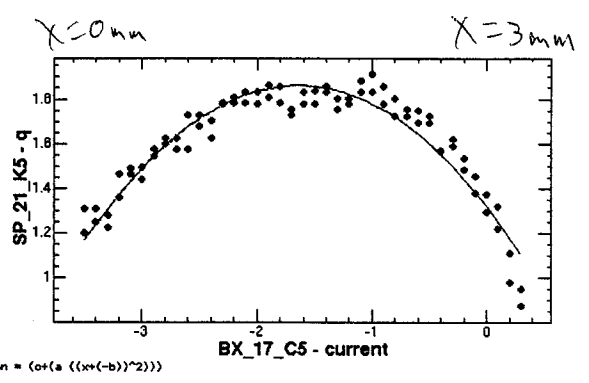
01/24/2007 20:11:13 Help

ChiSquare = .21805 Goodness = .47351
 a = -.19629 +/- .01081 b = -1.7846 +/- .02489 c = 1.79734 +/- .01138



01/24/2007 20:15:39 Help

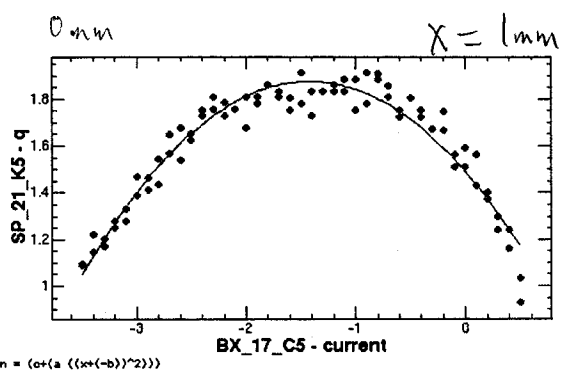
ChiSquare = .41395 Goodness = .47828
 a = -.20049 +/- .00743 b = -1.6401 +/- .01870 c = 1.86095 +/- .01262



Hard Copy

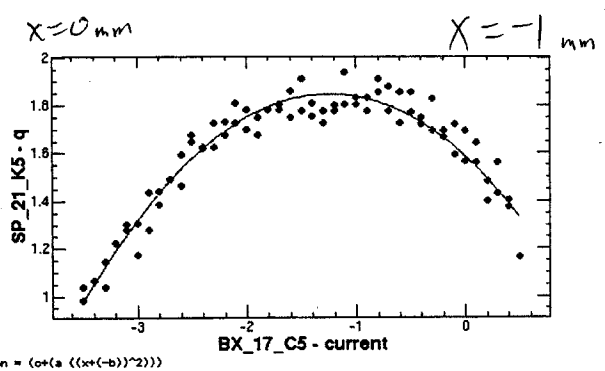
01/24/2007 20:19:56 Help

ChiSquare = .36908 Goodness = .47884
 a = -.19829 +/- .00604 b = -1.4219 +/- .01696 c = 1.87473 +/- .01132



01/24/2007 20:24:22 Help

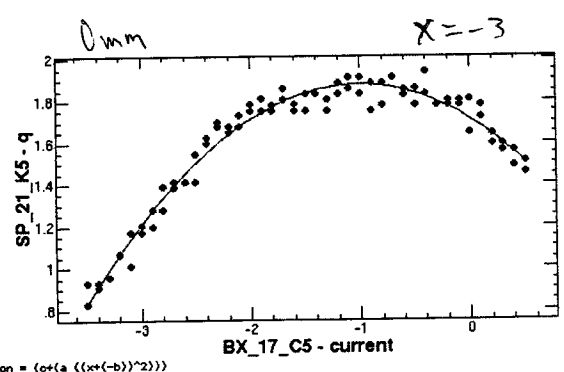
ChiSquare = .34514 Goodness = .47884
 a = -.17060 +/- .00583 b = -1.2401 +/- .02015 c = 1.84864 +/- .01078



Hard Copy

01/24/2007 20:29:51 Help

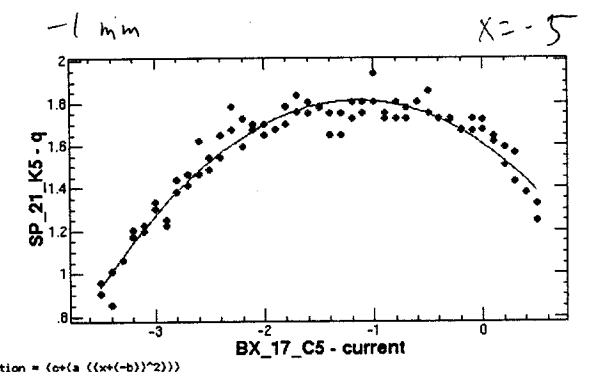
ChiSquare = .22683 Goodness = .47884
 a = -.16773 +/- .00473 b = -1.0006 +/- .02051 c = 1.87895 +/- .00842



Hard Copy

01/24/2007 20:37:15 Help

ChiSquare = .34452 Goodness = .47884
 a = -.15814 +/- .00583 b = -1.1471 +/- .02343 c = 1.81266 +/- .01064



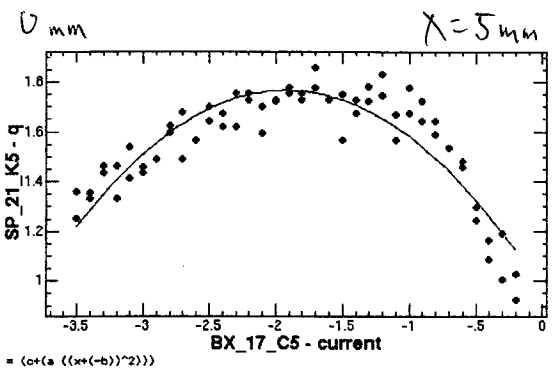
Copy

Hard Copy

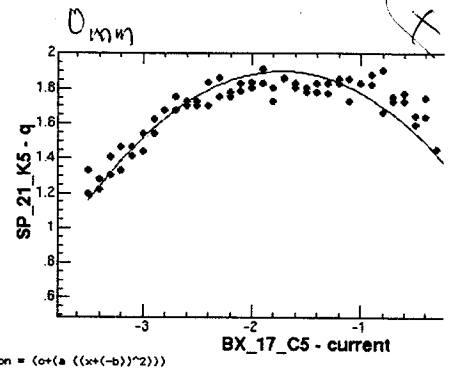
BX_17_C5 = -0.962 A

$A = -3$

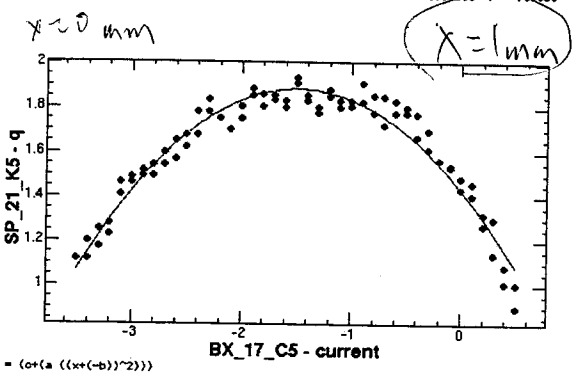
File Edit Window 01/24/2007 21:12:02 Help
 ChiSquare = .56888 Goodness = .47667
 a = -.21868 +/- .01320 b = -1.9183 +/- .02676 c = 1.76644 +/- .01700



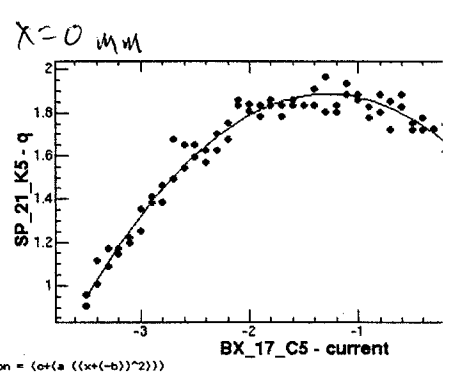
File Edit Window 01/24/2007 21:12:02
 ChiSquare = .65377 Goodness = .47884
 a = -.23544 +/- .00803 b = -1.7260 +/- .01961 c = 1.



Hard Copy File Edit Window 01/24/2007 21:01:00 Help
 ChiSquare = .32347 Goodness = .47884
 a = -.20300 +/- .00565 b = -1.4939 +/- .01471 c = 1.89533 +/- .01060

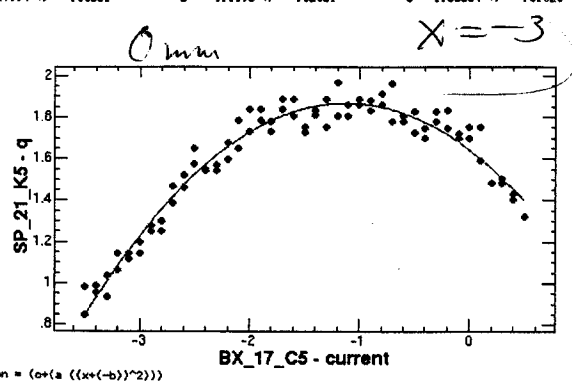


Hard Copy File Edit Window 01/24/2007 21:01:00
 ChiSquare = .26163 Goodness = .47884
 a = -.18963 +/- .00508 b = -1.2780 +/- .01536 c = 1.

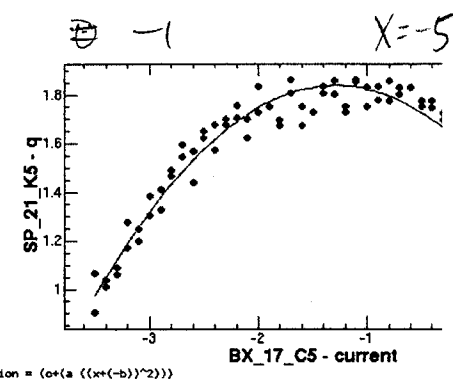


Δ
 $\rightarrow d_i E$
 $\rightarrow \Delta E$

Hard Copy File Edit Window 01/24/2007 20:56:53 Help
 ChiSquare = .31921 Goodness = .47884
 a = -.17994 +/- .00561 b = -1.1195 +/- .02031 c = 1.86684 +/- .01020

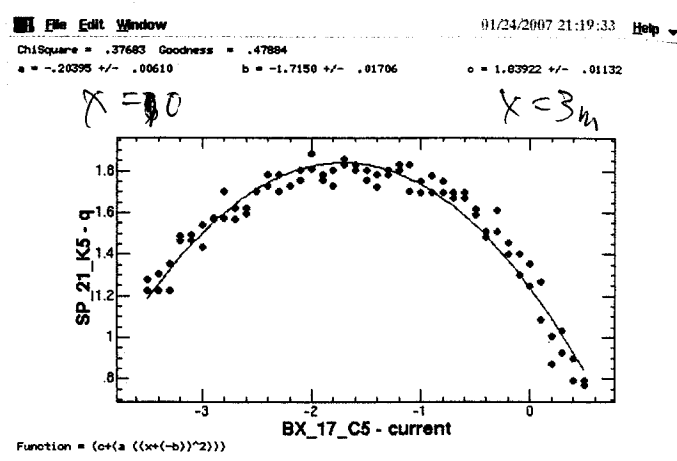


Hard Copy File Edit Window 01/24/2007 20:56:53
 ChiSquare = .30561 Goodness = .47884
 a = -.17712 +/- .00549 b = -1.2906 +/- .01762 c = 1.



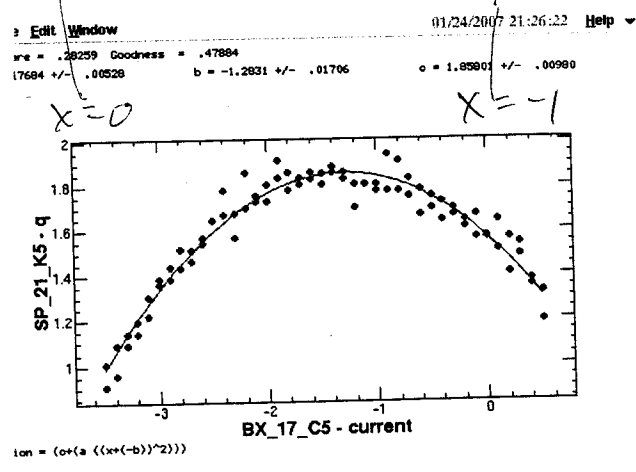
$BX_{17,C5} = -0.962A$

A2-4



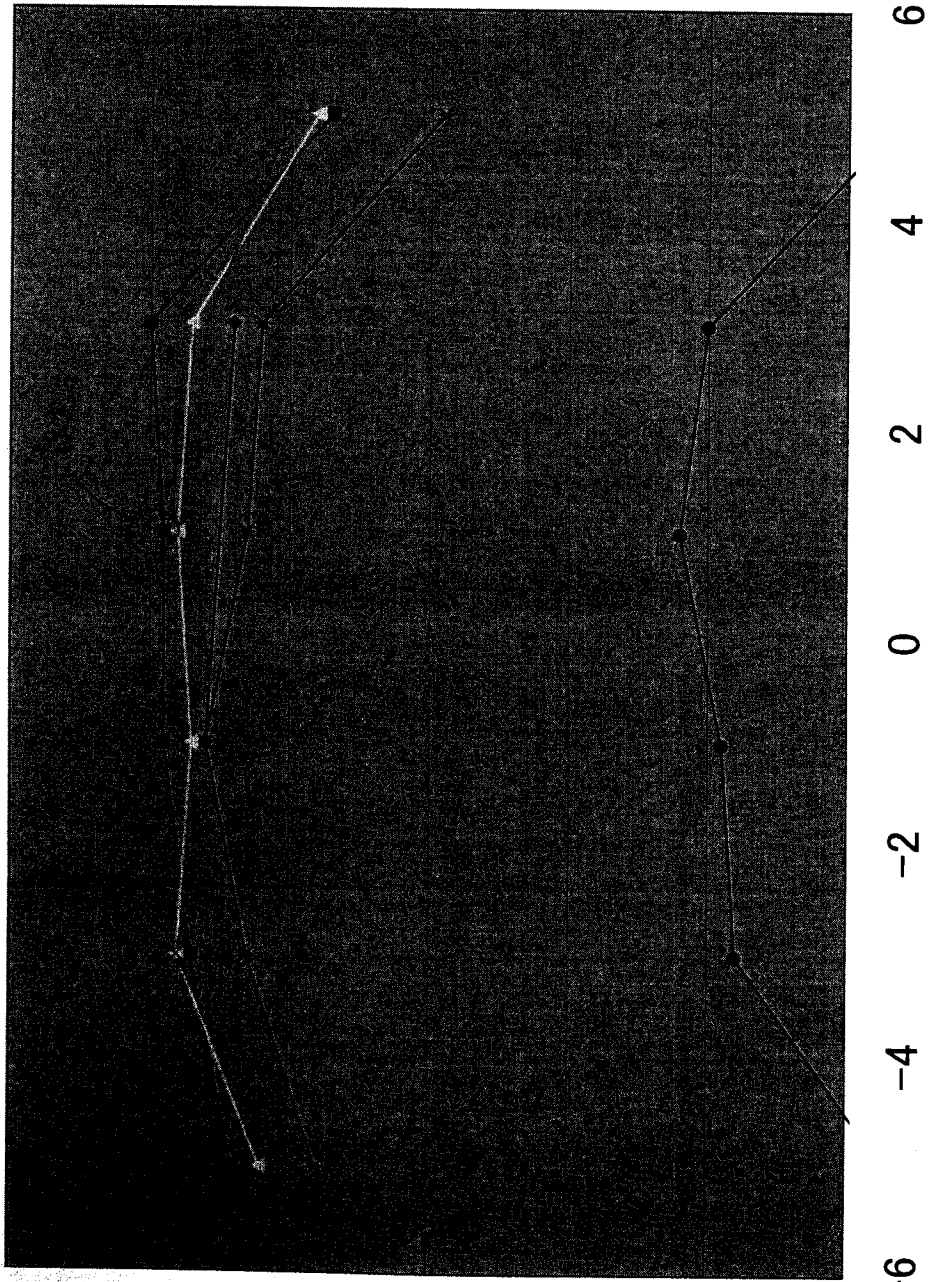
SP-17-4-X

SP-17-4-X



BX-17-C5 = 0.962A

SP_17_C4_



2

1.9

SP_21_K5_q (nC)

1.7

1.6

1.5

1.4

-6

-4

-2

0

2

4

6

SP_17_C4 X (mm)