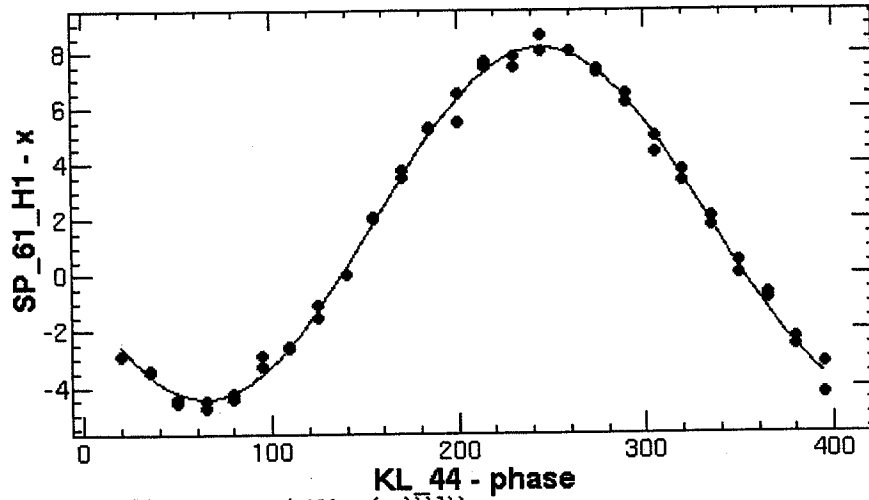


ChiSquare = 4.69005 Goodness = .47313
 a = -6.2912 +/- .06044 c = 244.986 +/- .56055 d = 1.88561 +/- .04314



Function = (d+(a Cos[(.0174532925 (-180+x+(-c))])))

KL_44vsSP_61_H1 on lcg3:0.0

$$E_s = 42.5 \text{ kJ} \quad P_f (\text{WSX-9}) = 48.05 \text{ MW}, \quad P_f = 37.4 \text{ MW}$$

47.9 → 48.2

$$\frac{6.29}{307.5} \times 8000 = 163.6 \text{ MeV/unit}$$

e⁺ e⁻ k⁺

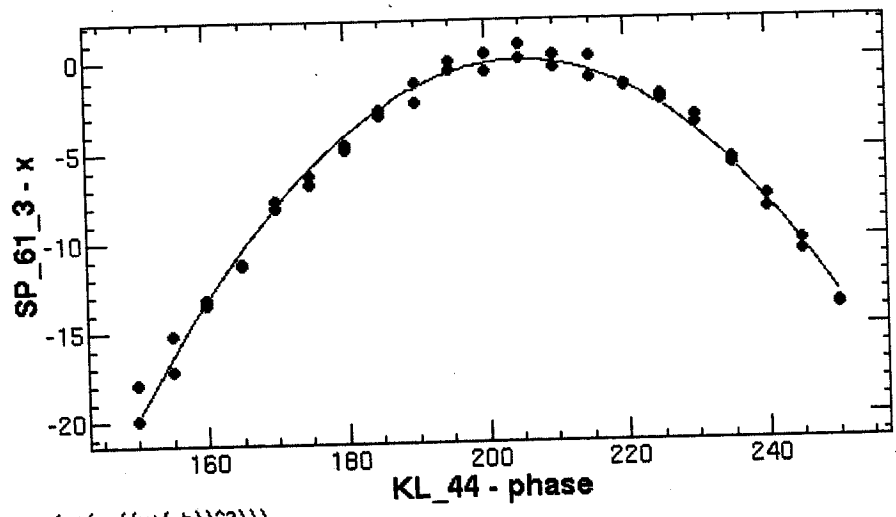
KL_43 e STB に
 KL_44 c-band e Acc に

1st, 2nd bunch 3rd 4th に 2 phase- Egain plot 1/F3

File Edit Window 06/14/2007 19:48:25 Help Help

ChiSquare = 15.2446 Goodness = .46988
a = -.00652 +/- 1.18E-4 b = 205.092 +/- .26107 c = -.02556 +/- .14363

1st bunch $KL_{44} = 654 \text{ ns}$



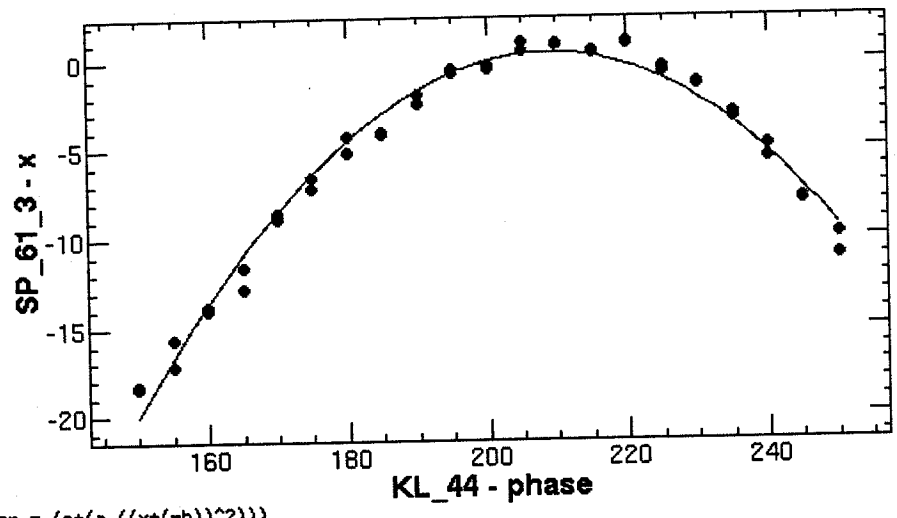
Function = (c+(a ((x+(-b))^2)))

KL_44vsSP_61_3 on lcg3:0.0

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ChiSquare = 26.3806 Goodness = .46988
a = -.00587 +/- 1.55E-4 b = 208.984 +/- .42920 c = .39140 +/- .18542

(2nd bunch) $KL_{44} = 654 \text{ ns}$



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

KL_44vsSP_61_3 on lcg3:0.0

File Edit Window

06/14/2007 19:58:18 Help

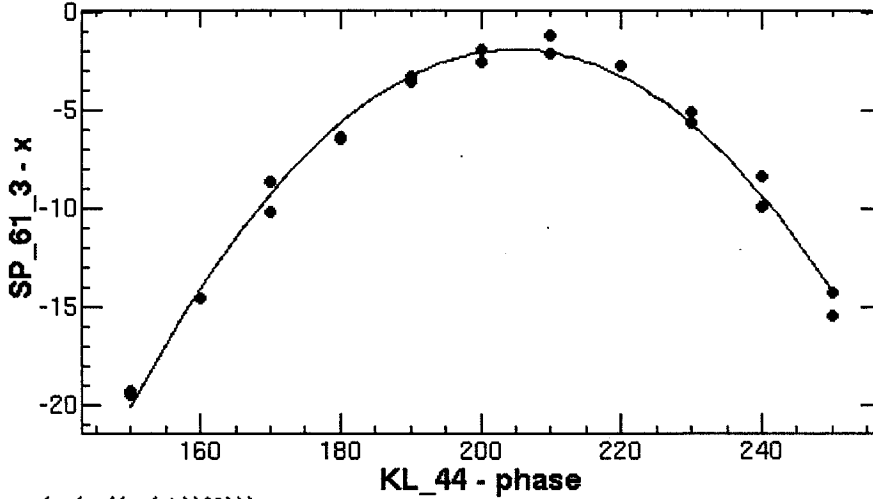
ChiSquare = 9.12171 Goodness = .45684

a = -.00604 +/- 1.67E-4

b = 204.943 +/- .41034

c = -1.9338 +/- .22132

6493
1st



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

KL_44vsSP_61_3 on lcg3:0.0

File Edit Window

06/14/2007 20:02:23 Help

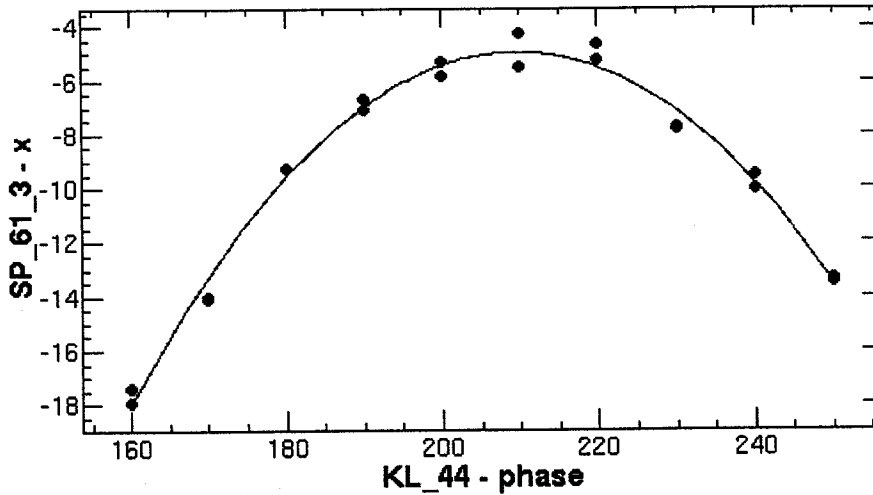
ChiSquare = 4.83285 Goodness = .45437

a = -.00529 +/- 1.64E-4

b = 209.692 +/- .41868

c = -4.9537 +/- .17875

6493
2nd



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

KL_44vsSP_61_3 on lcg3:0.0

File Edit Window

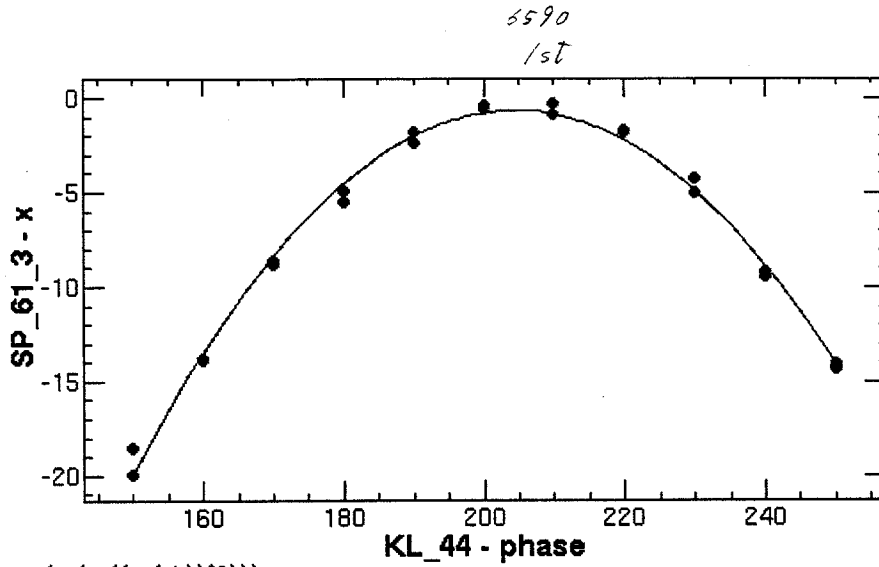
06/14/2007 20:06:26 Help

ChiSquare = 5.44893 Goodness = .45684

a = -.00649 +/- 1.29E-4

b = 204.479 +/- .29210

c = -.64840 +/- .17131



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

KL_44vsSP_61_3 on lcg3:0.0

File Edit Window

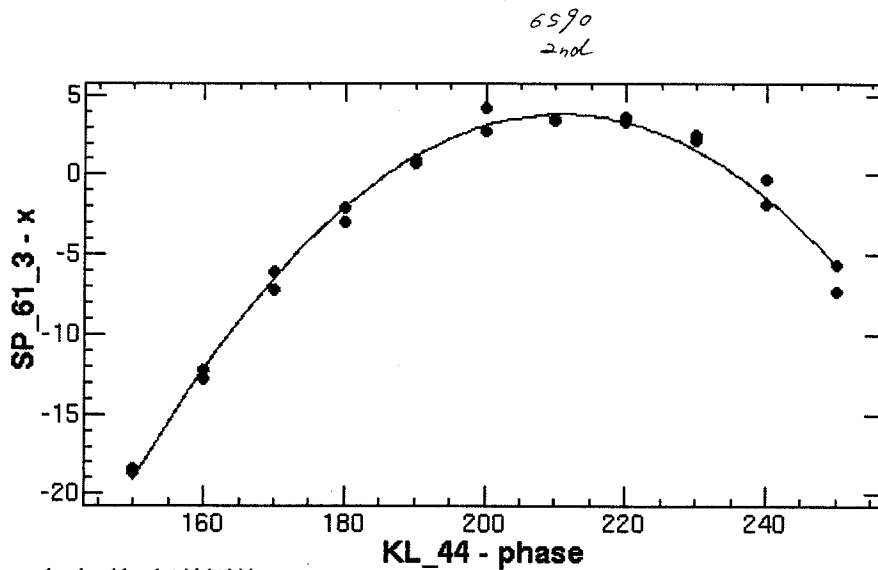
06/14/2007 20:09:54 Help

ChiSquare = 9.67706 Goodness = .45684

a = -.00620 +/- 1.72E-4

b = 210.805 +/- .49047

c = 3.81935 +/- .22138

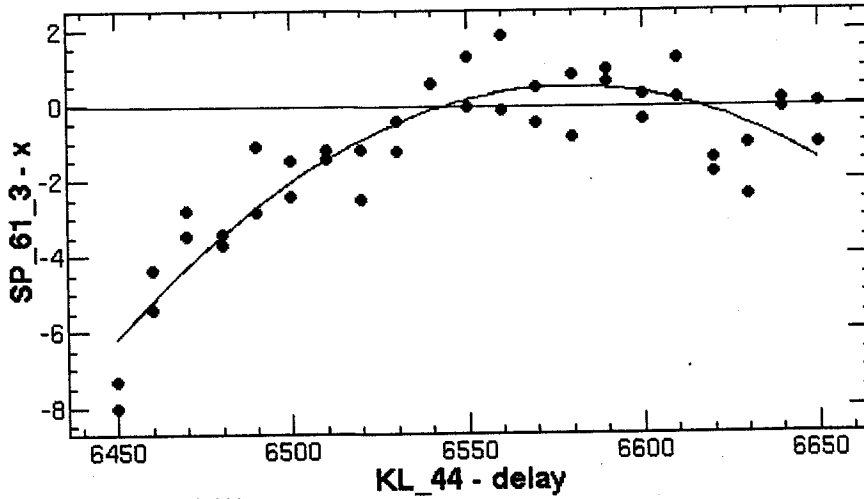


Function = (c+(a ((x+(-b))^2)))

KL_44vsSP_61_3 on lcg3:0.0

ChiSquare = 36.8585 Goodness = .46988
 a = -4.0E-4 +/- 4.59E-5 b = 6579.80 +/- 4.65528 c = .48687 +/- .21027

1st bunch

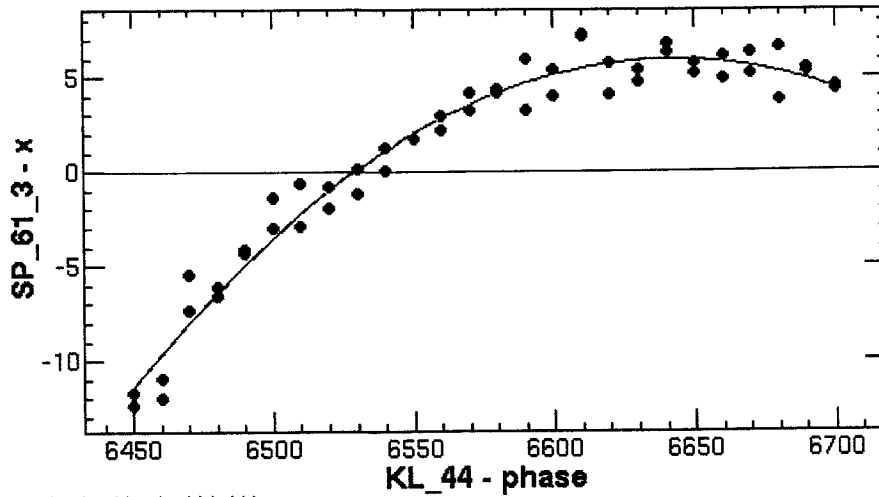


Function = (c+(a ((x+(-b))^2)))

KL 44vsSP 61 3 on lca3:0.0

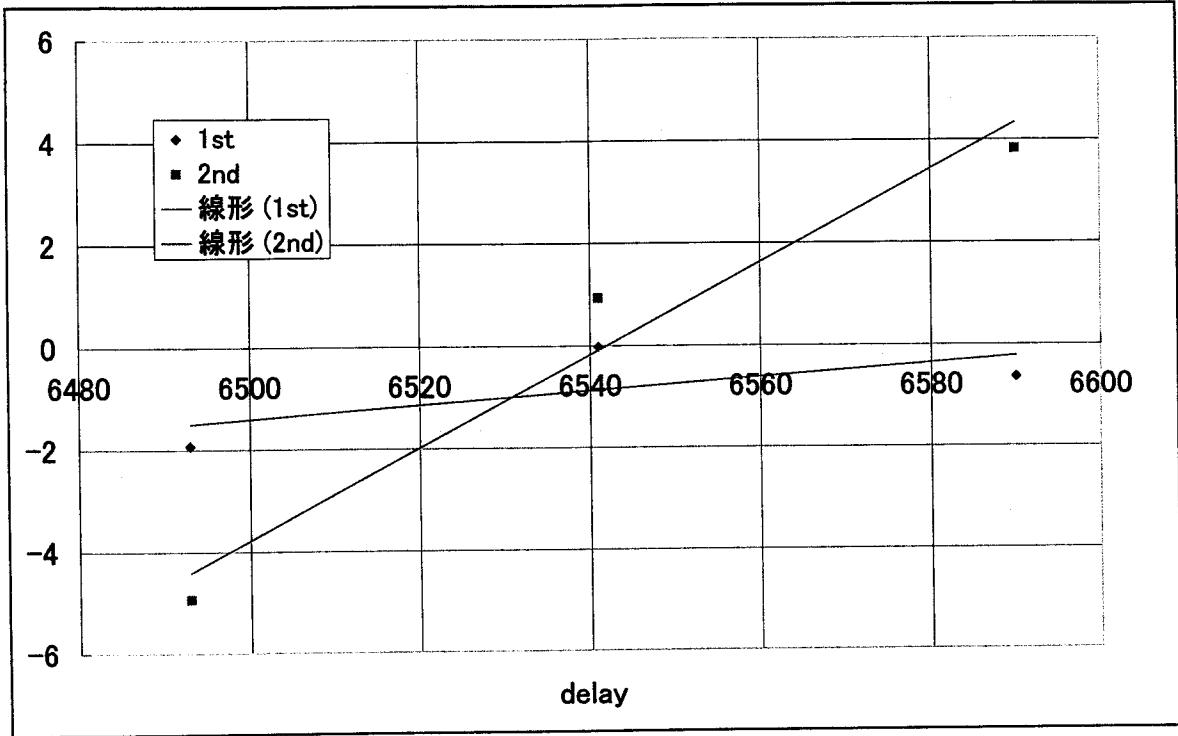
ChiSquare = 51.6055 Goodness = .47313
 a = -4.7E-4 +/- 2.63E-5 b = 6642.03 +/- 4.49385 c = 5.98880 +/- .19355

2nd bunch

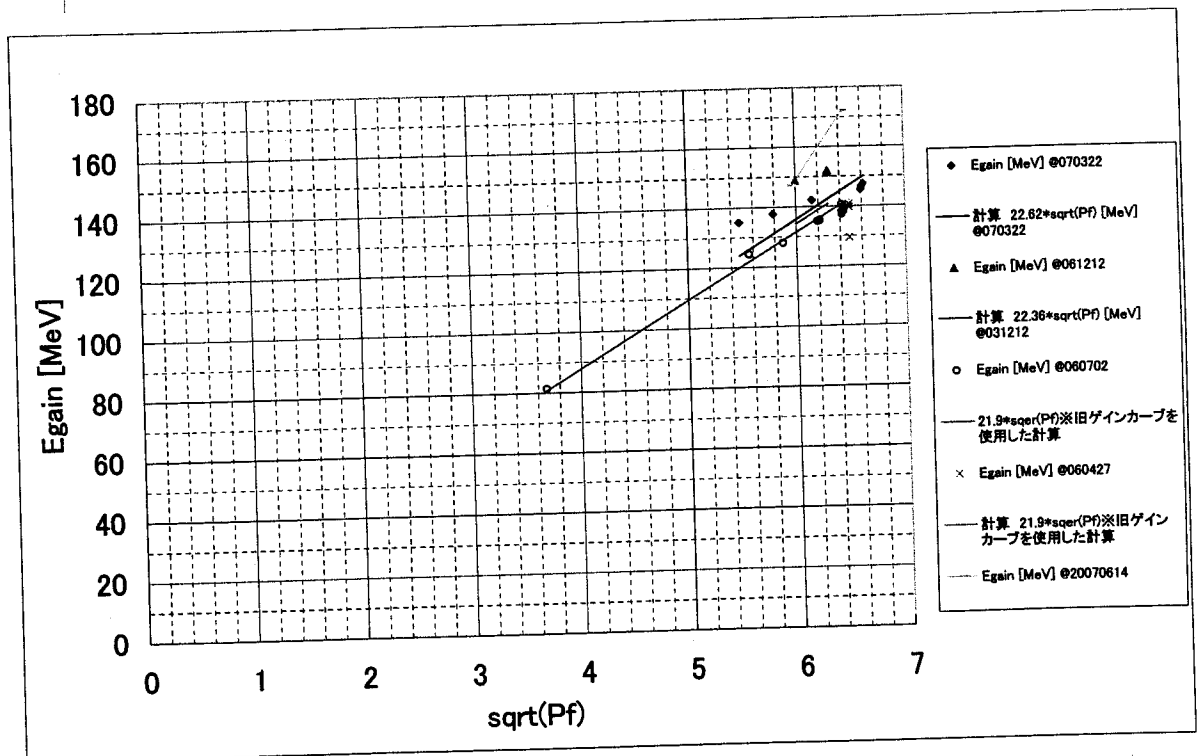
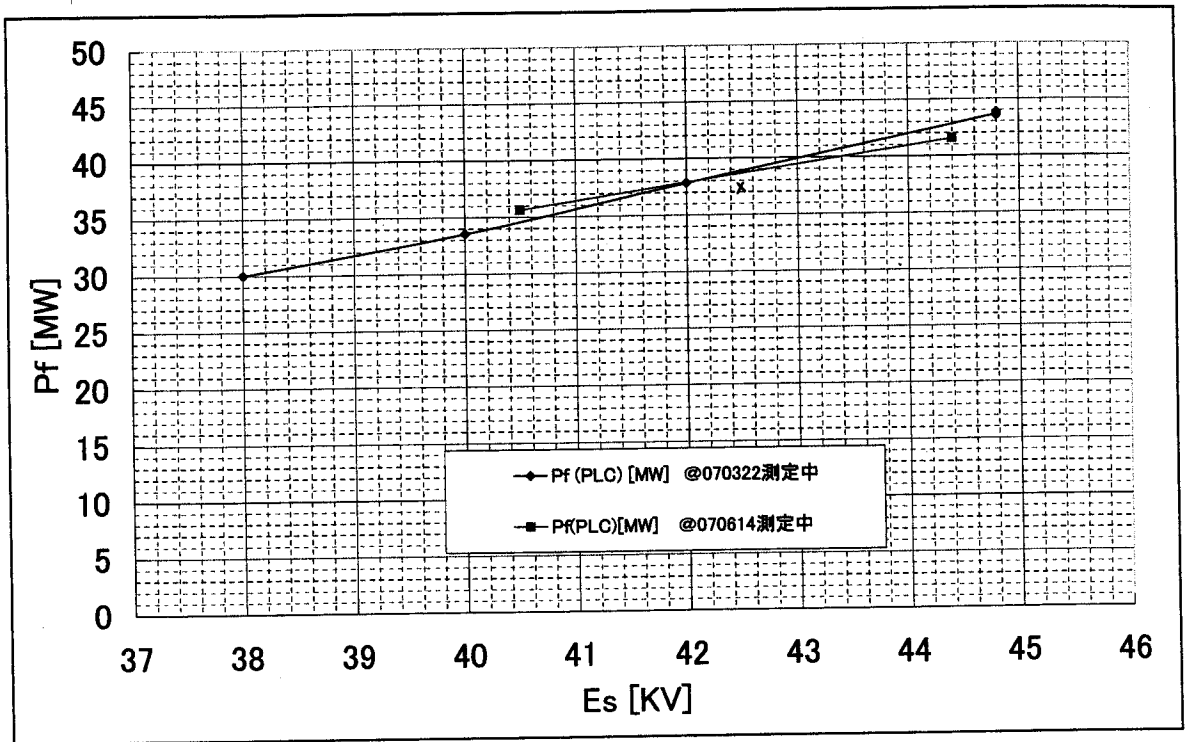


Function = (c+(a ((x+(-b))^2)))

KL 44vsSP 61 3 on lca3:0.0



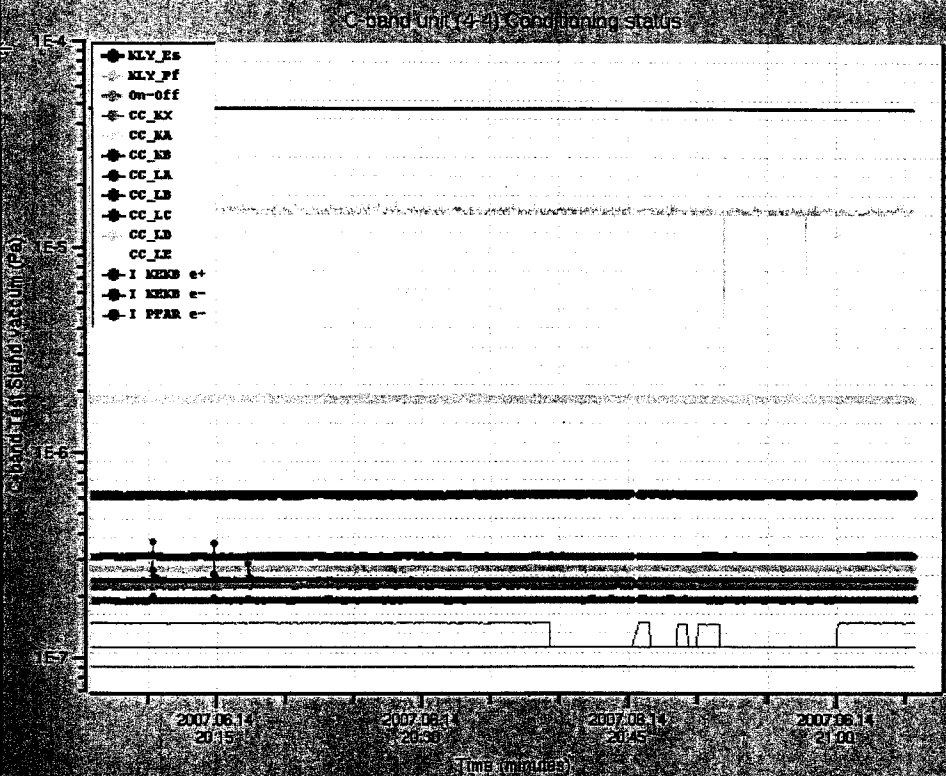
Delay	1st	2nd
6541	-0.025	0.391
6493	-1.934	-4.954
6590	-0.648	3.819



2007.06.14-21:05:42 Taking data !! PlotSpan: 10mins 1hour 8hours 1day

Es: 42.500 Power: 38.0 Pf: 37.4 Pb: 0.0 VSWR: 1.00 FCS: Normal Es-max: 44.420 history

LV: OK OH	Auto-Es-Up OFF	IP_KX 5.79e-07	CC_KX 2.22e-07	Recent Trips
HV: OK OK OH	Auto-RF-ON ON	IP_XA 2.42e-06	CC_XA 1.81e-06	06/12-11:14 VSWR= 1.76 :Pf=36.7 :Pb= 4.4 (Es=41.400
TG: OK OH	FailCount 2	IP_XB 6.64e-07	CC_XB 6.23e-07	06/12-11:32 VSWR= 1.69 :Pf= 0.0 :Pb= 0.0 (Es=40.940
RF: OK OH	HalfTime(sec) 60	IP_XA 3.21e-07	CC_XA 1.93e-07	06/12-11:44 VSWR= 2.13 :Pf=38.3 :Pb= 6.2 (Es=42.200
Beam Status	KeepTime(min) 15	IP_XB 9.55e-07	CC_XB 9.13e-07	06/12-12:00 VSWR= 1.86 :Pf=35.8 :Pb= 5.3 (Es=44.060
KEKB e+ UN(A)	StepUp(sec) 300	IP_XC 3.37e-07	CC_XC 2.98e-07	06/12-12:45 VSWR= 2.89 :Pf= 0.0 :Pb= 0.0 (Es=44.400
1.126 1.085 nC	-dV(volt) 50	IP_XB 3.56e-07	CC_XB 2.73e-07	06/12-14:17 VSWR= 1.76 :Pf= 0.0 :Pb= 0.0 (Es=44.400
	Goal-Es(kV) 44060	IP_XC 4.16e-07	CC_XC 3.09e-07	06/12-14:21 VSWR= 1.60 :Pf= 0.0 :Pb= 0.0 (Es=44.400
				06/13-07:46 InvOCF (Es=40.500
				06/14-09:18 Bischofsl (Es=40.500



MIN Trip Statistics

hr	min	Es	Pf	Pb	VSWR	IP	CC	etc
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
00	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0

scale-limits

ymin	7.0e-8
ymax	1.0e-4
y2min	12.0
y2max	-6.0

MIN PF

2007.9.15 4-4 Energy Gain 測定

19:00

KEKB e^- 8.0 GeV E^-4 .

SP-6L-H1 之間 0 mm 付近:

OE/E 調整 SC-6L-H, SC-R0-31

吉田 global orbit correction 運転中 8秒間隔

BPM 5回平均 中

$E_s = 44.410$ kV

$P_{F-PLC} = 42.6$ MW

Power (vs motor) = 55.7 MN

File Edit Window

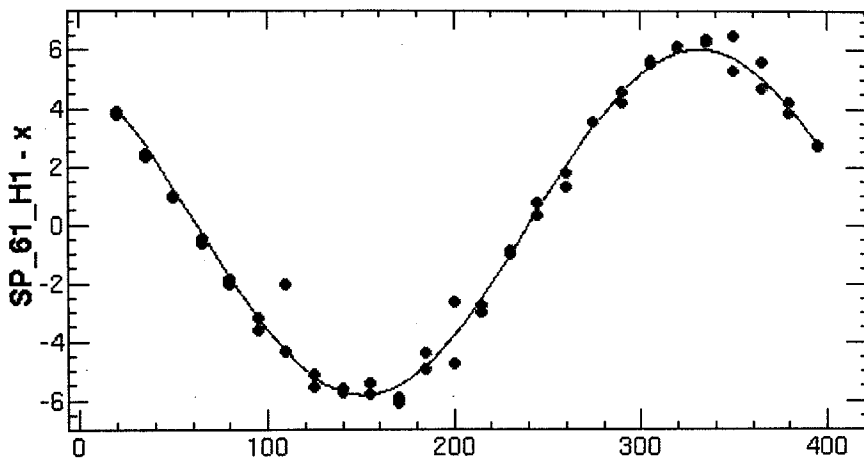
09/15/2007 19:27:40 Help

ChiSquare = 12.4899 Goodness = .47313

a = 5.92511 +/- .10084

c = 151.296 +/- .94991

d = .11466 +/- .07040



KL_44 - phase

Function = (d+(a Cos[(.0174532925 (-180+x+(-c))])))

KL_44vsSP_61_H1 on 172.19.66.122:0.0

$$\frac{5.925}{307.5} \times 8000 = 154 \text{ MeV/turn}$$

$$\frac{6.15}{307.5} \times 8000 =$$