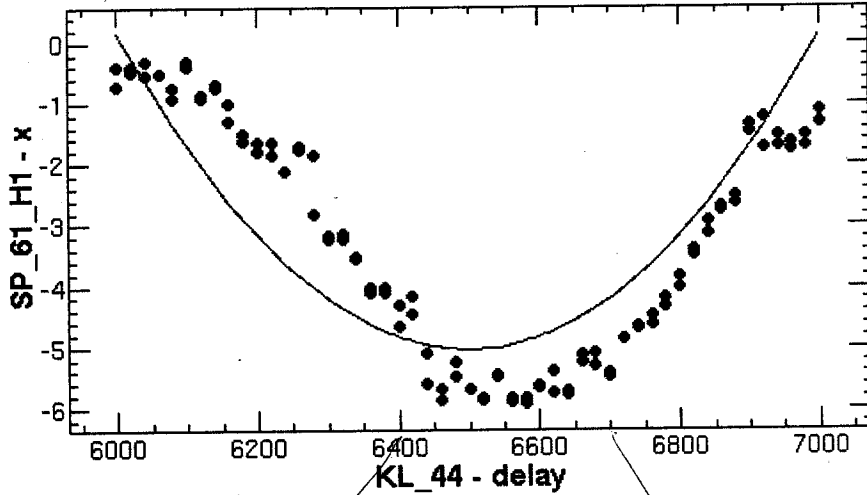


File Edit Window

09/15/2007 19:38:48 Help

ChiSquare = 98.9464 Goodness = .48110  
 a = 2.08E-5 +/- 1.28E-6      b = 6500.26 +/- 8.10002      c = -5.0314 +/- .14853



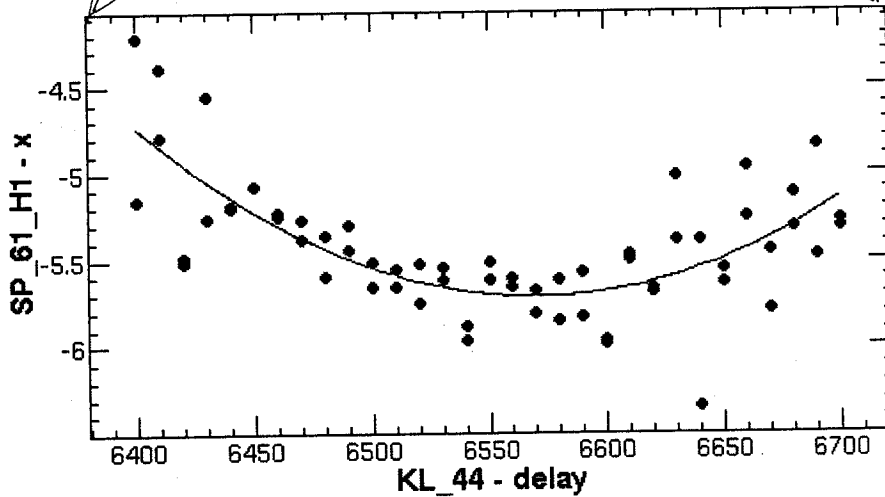
Function = (c+(a ((x+(-b))^2)))

KL\_44vsSP\_61\_H1 on 172.19.66.122:0.0

File Edit Window

09/15/2007 19:48:37 Help

ChiSquare = 4.01378 Goodness = .47551  
 a = 3.37E-5 +/- 4.64E-6      b = 6570.50 +/- 6.16896      c = -5.7133 +/- .04889



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

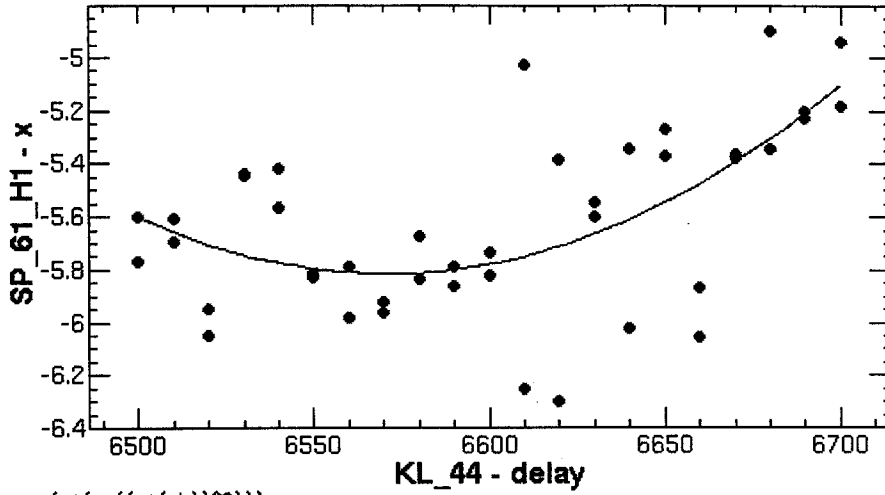
KL\_44vsSP\_61\_H1 on 172.19.66.122:0.0

ChiSquare = 2.94777 Goodness = .46988

a = 4.26E-5 +/- 1.30E-5

b = 6570.65 +/- 12.1560

c = -5.8145 +/- .05957



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

KL\_44vsSP\_61\_H1 on 172.19.66.122:0.0

delay = 6541 → 6570

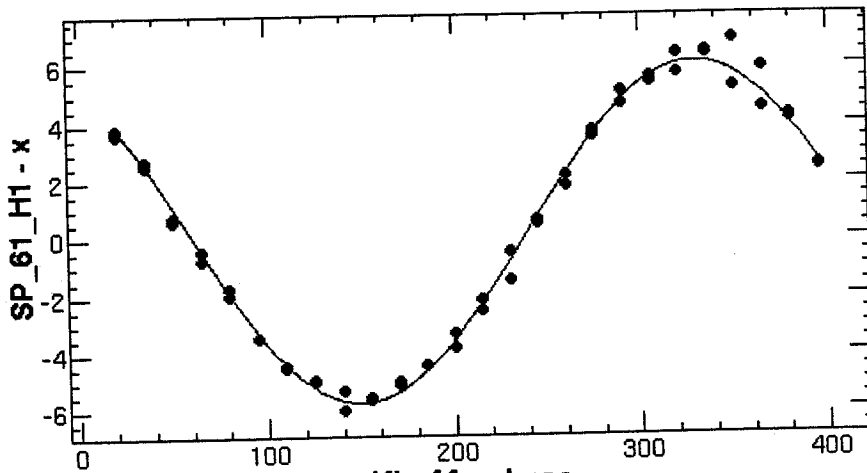
704-x5-夕  
1回欠損

KL 44 6549  
 44\_SB 177  
 44\_delay 2379  
 44\_width 3227  
 44\_phase 2750

File Edit Window 09/15/2007 20:26:03 Help

ChiSquare = 5.97587 Goodness = .47313  
 a = 5.92498 +/- .06990 c = 149.316 +/- .65564 d = .18922 +/- .04869

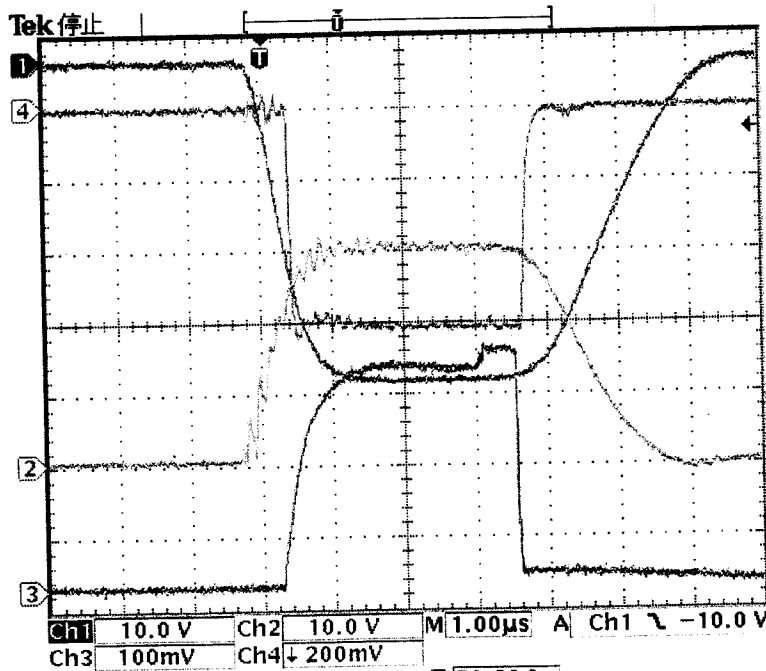
$\frac{5.92 \times 8000}{307.5}$   
 = 154  $\frac{M\Omega}{\text{width}}$



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

∅ KL-44  
 = 150° 误差

KL\_44vsSP\_61\_H1 on 172.19.66.122:0.0



Ch1 振幅 44.6 V  
 Ch2 振幅 29.8 V  
 Ch3 振幅 306mV  
 Ch4 振幅 616mV

Ch1 10.0 V Ch2 10.0 V M 1.00µs A Ch1 10.0 V  
 Ch3 100mV Ch4 200mV

15 Sep 2007 19:57:45

30.60 %

4-3 unic 但  $E_s = 40 \text{ kV}$  (夏前は 41 kV だった)

File Edit Window

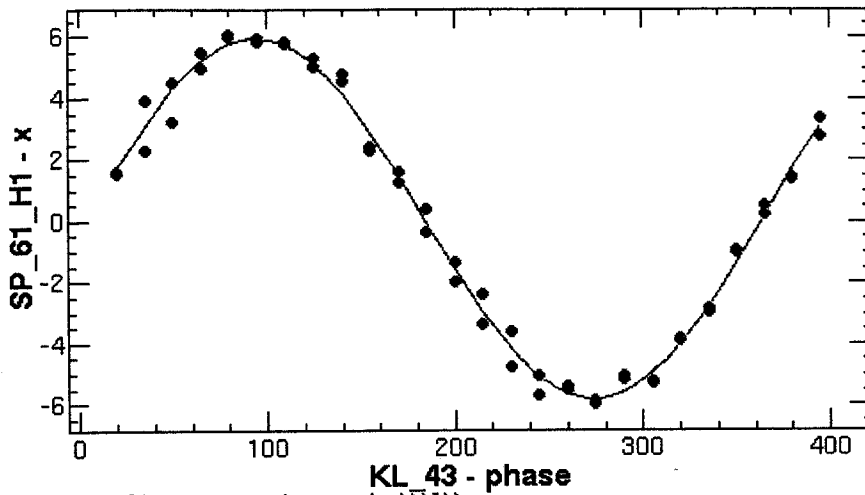
09/15/2007 20:45:14 Help

ChiSquare = 7.71624 Goodness = .47313

a = 5.88556 +/- .08004

c = -446.15 +/- .74364

d = .07332 +/- .05533



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

KL\_43vsSP\_61\_H1 on 172.19.66.122:0.0

$$\frac{5.89}{307.5} \times 8000 = 153 \text{ MeV/unic}$$

$E_s$  の値の差 1kV にお) (27) - は 10% 程度電弱  
と弱と 47 = は 5% くら電弱.

$$153 \times 1.05 = 160.9 \text{ MeV/unic}$$

4/26 の測定値は 158.7 MeV/unic だった consistent.

2007 9/18 (水)  
10:00 ~

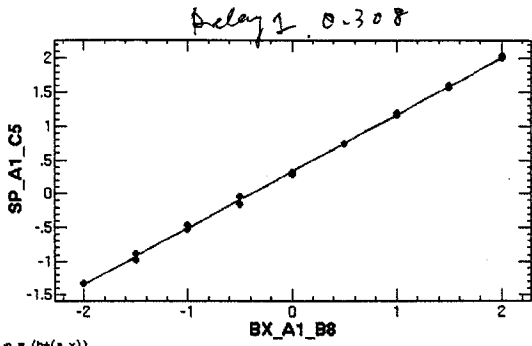
基本 277- 経過

2177 et  
1772 2277- の測定

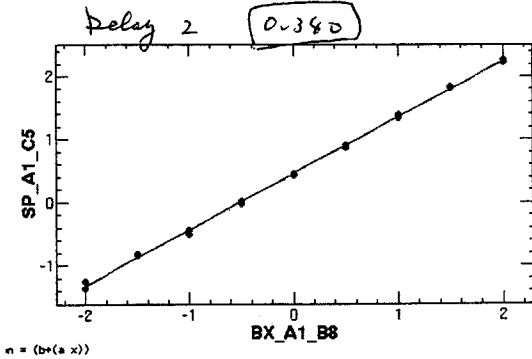
初期値 .6m Delay 1 0.0308  
" 2 0.380

Simple Correlation BX-A1-B8 vs SP-A1-C5

09/18/2007 10:03:17 Help  
r = .02232 Goodness = .45296  
a = 1.013 +/- .00682 b = .32611 +/- .00880

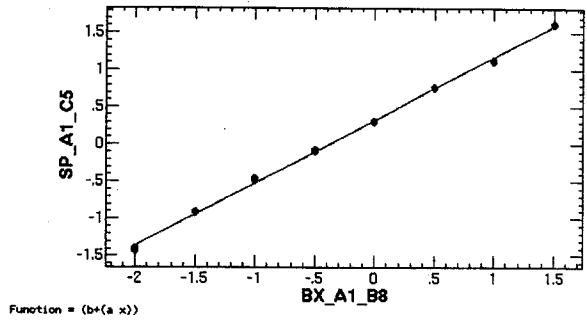


Energy at A1\_B8 : 17.91382320266625 MeV  
r = .02333 Goodness = .45296  
a = 1.0088 +/- .00697 b = .49861 +/- .00900

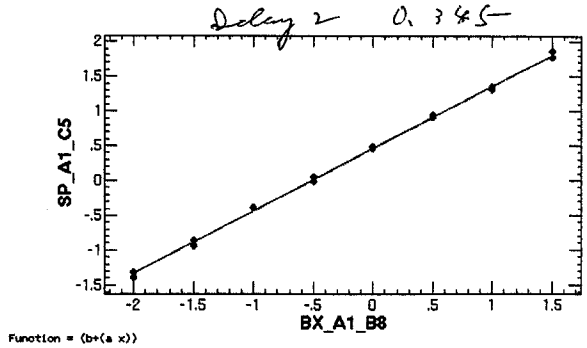


Energy at A1\_B8 : 16.89334555590893 MeV  
\* on lcg2:0.0

09/18/2007 10:08:25 Help  
ChiSquare = .02160 Goodness = .44971  
a = .84360 +/- .00857 b = .32352 +/- .01005



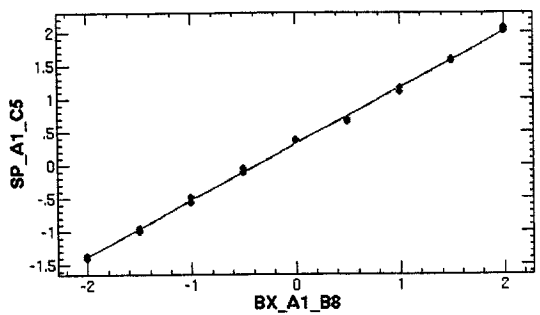
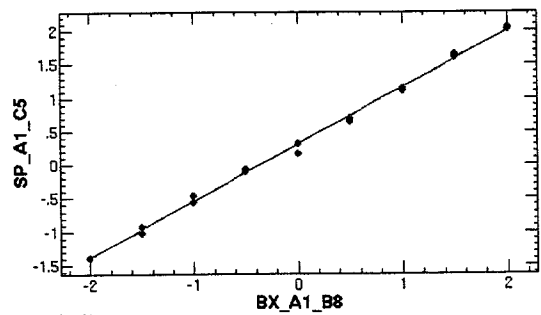
Energy at A1\_B8 : 17.840309333634091 MeV  
ChiSquare = .02434 Goodness = .44971  
a = .89769 +/- .00910 b = .46205 +/- .01067



Energy at A1\_B8 : 16.765244135028251 MeV

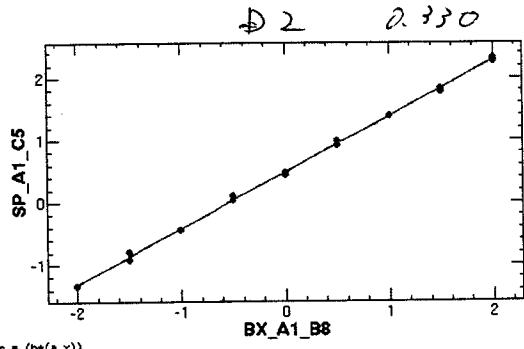
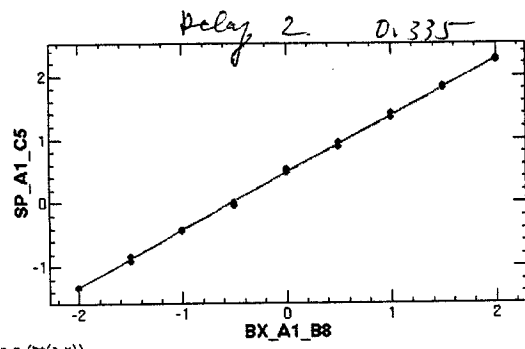
File Edit Window 09/18/2007 10:14:37 Help  
ChiSquare = .05378 Goodness = .45296  
a = .85062 +/- .01038 b = .30878 +/- .01366

File Edit Window 09/18/2007 10:18:15 Help  
ChiSquare = .03548 Goodness = .45296  
a = .84975 +/- .00860 b = .31678 +/- .01110



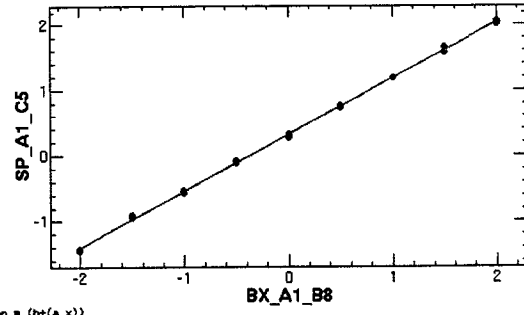
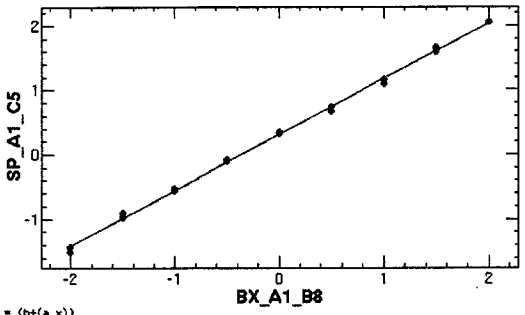
Function = (b+(a x))  
Energy at A1\_B8 : 17.693046221368808 MeV  
ChiSquare = .01723 Goodness = .45296  
a = .89948 +/- .00599 b = .46761 +/- .00774

Function = (b+(a x))  
Energy at A1\_B8 : 17.711091497499263 MeV  
ChiSquare = .02445 Goodness = .45296  
a = .89892 +/- .00714 b = .47994 +/- .00921



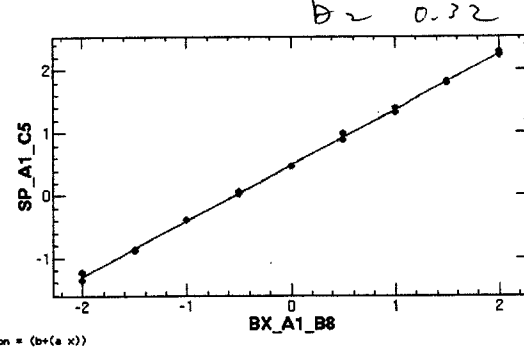
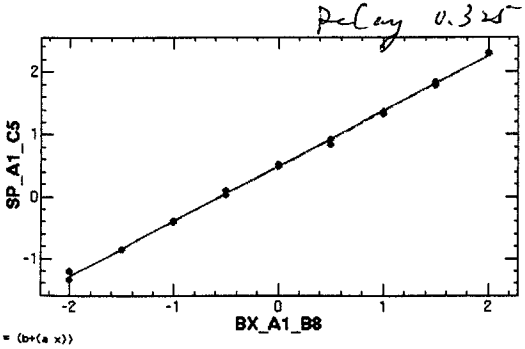
Function = (b+(a x))  
Energy at A1\_B8 : 16.731827530619431 MeV  
ChiSquare = .03391 Goodness = .45296  
a = .86320 +/- .00840 b = .30767 +/- .01085

Function = (b+(a x))  
Energy at A1\_B8 : 16.742375081116158 MeV  
ChiSquare = .01874 Goodness = .45296  
a = .86095 +/- .00625 b = .31467 +/- .00807



Function = (b+(a x))  
Energy at A1\_B8 : 17.435125115848008 MeV  
ChiSquare = .03092 Goodness = .45296  
a = .88398 +/- .00803 b = .48444 +/- .01036

Function = (b+(a x))  
Energy at A1\_B8 : 17.480689335536325 MeV  
ChiSquare = .02042 Goodness = .45296  
a = .88805 +/- .00652 b = .47439 +/- .00842

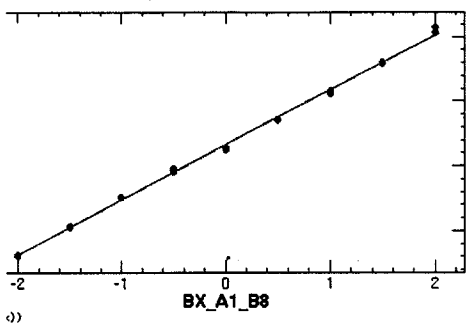


Function = (b+(a x))  
Energy at A1\_B8 : 17.032915212675658 MeV

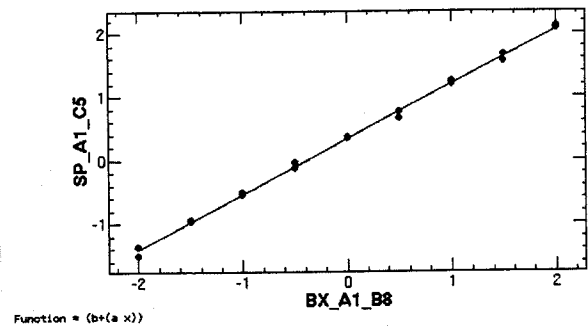
Function = (b+(a x))  
Energy at A1\_B8 : 16.947243961480658 MeV

10 Goodness = .45296  
00892 b = .32061 +/- .01182

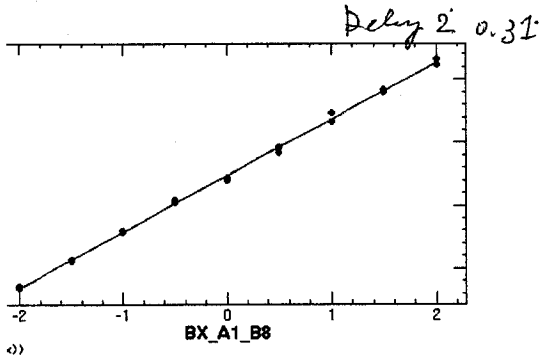
ChiSquare = .03990 Goodness = .45296  
a = .86883 +/- .00912 b = .32906 +/- .01177



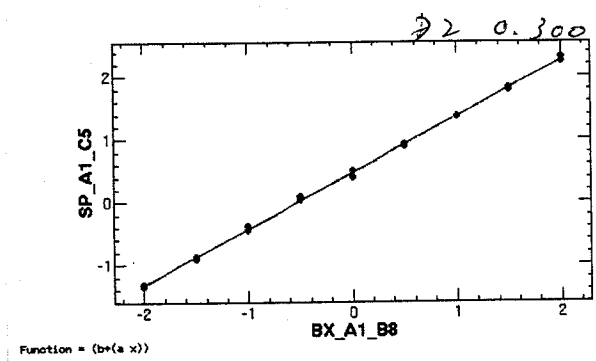
12 Goodness = .45296  
00842 b = .47139 +/- .01087



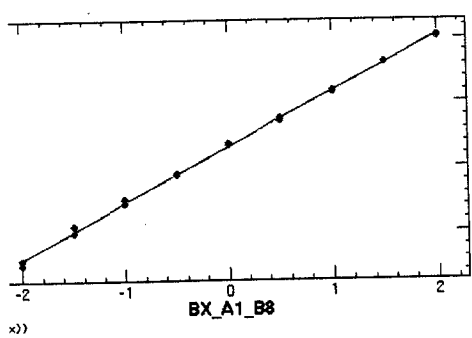
Function = (b\*(a x))  
Energy at A1\_B8 : 17.321747137020201 MeV  
ChiSquare = .01965 Goodness = .45296  
a = .89650 +/- .00640 b = .46322 +/- .00826



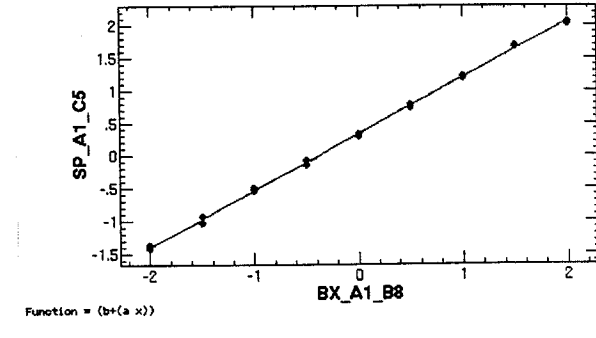
0 Goodness = .45296  
00713 b = .31428 +/- .00921



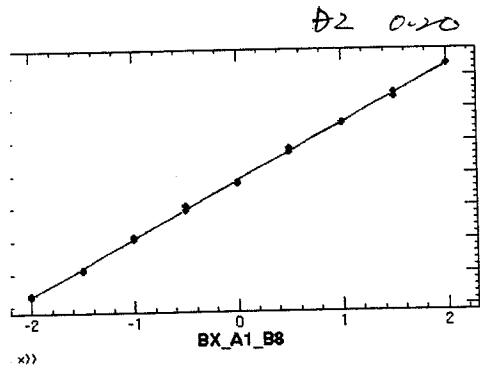
Function = (b\*(a x))  
Energy at A1\_B8 : 16.767506371556853 MeV  
ChiSquare = .01958 Goodness = .45296  
a = .86375 +/- .00637 b = .32806 +/- .00823



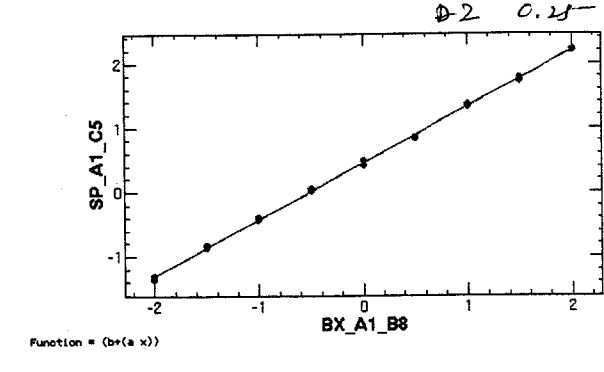
12 Goodness = .45296  
00542 b = .40117 +/- .00708



Function = (b\*(a x))  
Energy at A1\_B8 : 17.424023154848051 MeV  
ChiSquare = .01666 Goodness = .45296  
a = .87320 +/- .00589 b = .44494 +/- .00761



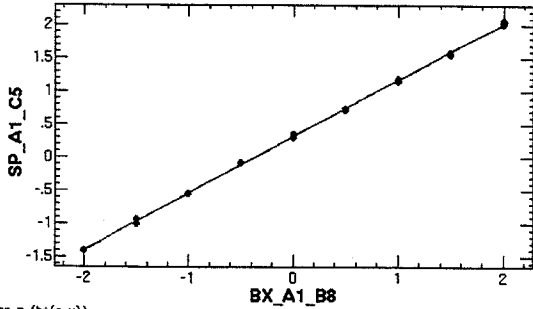
12 Goodness = .45296  
00542 b = .40117 +/- .00708



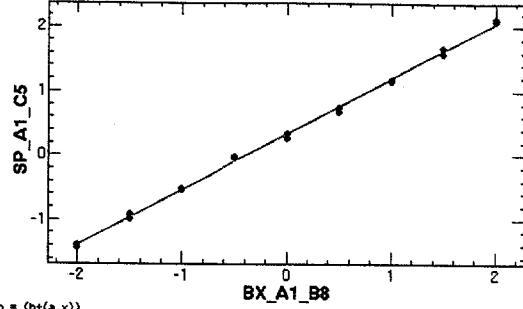
Function = (b\*(a x))  
Energy at A1\_B8 : 17.19606946935466 MeV

ChiSquare = .01177 Goodness = .45296  
a = .85832 +/- .00495 b = .31506 +/- .00639

ChiSquare = .03834 Goodness = .45296  
a = .86647 +/- .00894 b = .32928 +/- .01154



Function = (b+(a x))



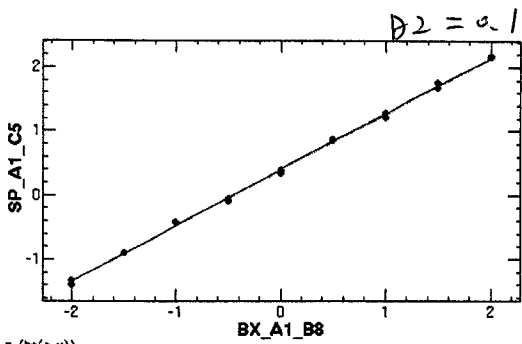
Function = (b+(a x))

Energy at A1\_B8 : 17.534321054777765 MeV

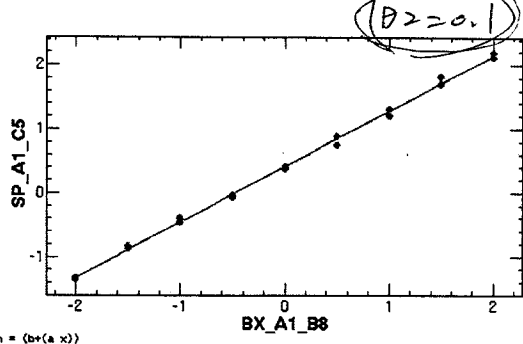
Energy at A1\_B8 : 17.369392936831576 MeV

ChiSquare = .02488 Goodness = .45296  
a = .87288 +/- .00720 b = .39750 +/- .00929

ChiSquare = .03908 Goodness = .45296  
a = .86687 +/- .00902 b = .40883 +/- .01165



Function = (b+(a x))



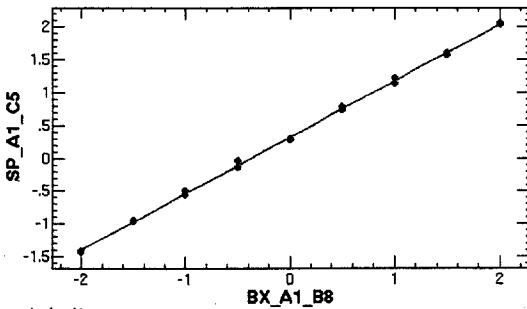
Function = (b+(a x))

Energy at A1\_B8 : 17.241708513928932 MeV

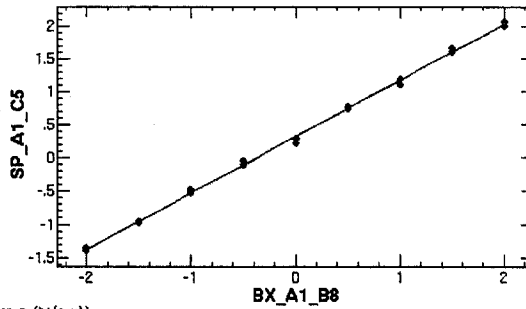
Energy at A1\_B8 : 17.361378143505347 MeV

ChiSquare = .01737 Goodness = .45296  
a = .85760 +/- .00601 b = .31450 +/- .00777

ChiSquare = .03139 Goodness = .45296  
a = .85145 +/- .00809 b = .31933 +/- .01044



Function = (b+(a x))



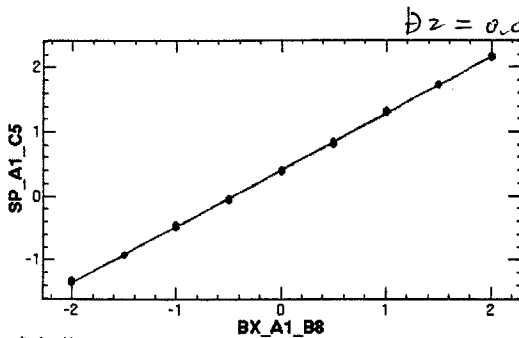
Function = (b+(a x))

Energy at A1\_B8 : 17.548973880597019 MeV

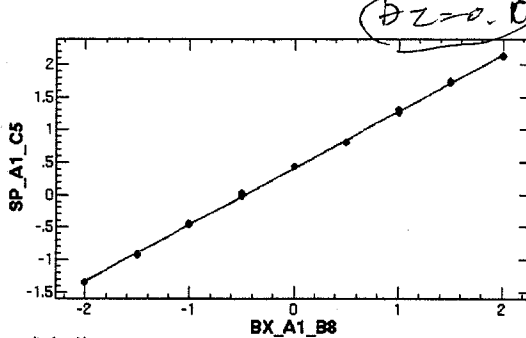
Energy at A1\_B8 : 17.675729637676901 MeV

ChiSquare = .01036 Goodness = .45296  
a = .87975 +/- .00465 b = .39906 +/- .00600

ChiSquare = .01359 Goodness = .45296  
a = .87068 +/- .00570 b = .40378 +/- .00736



Function = (b+(a x))

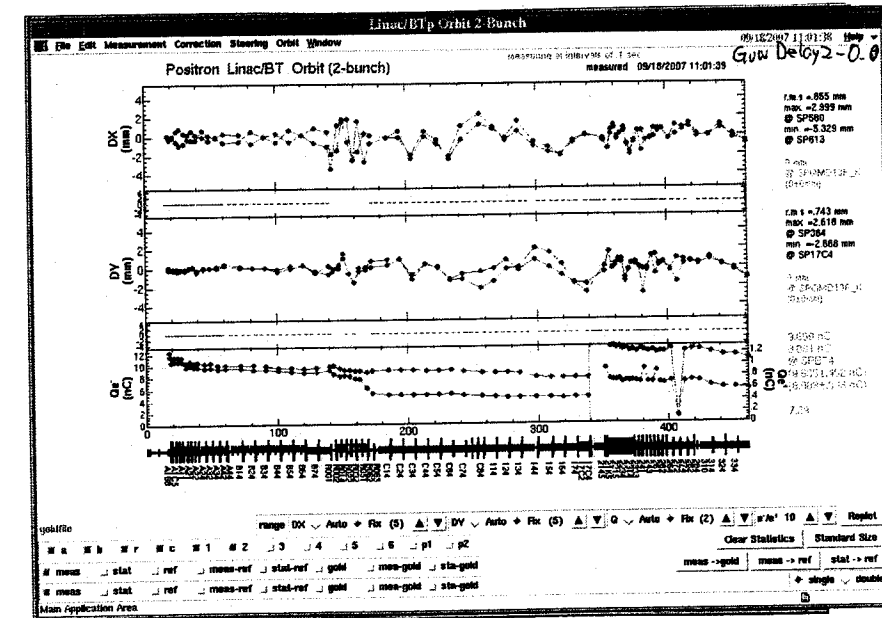
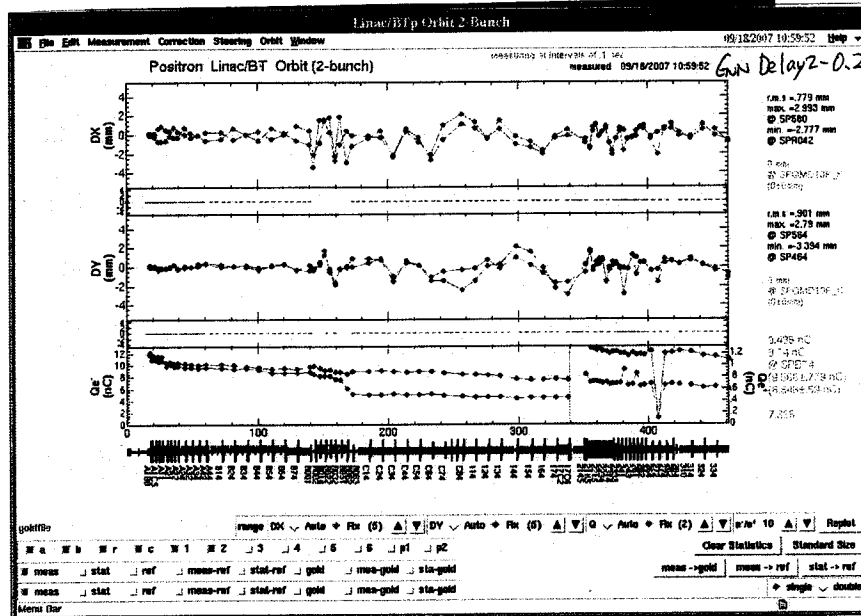


Function = (b+(a x))

Energy at A1\_B8 : 17.107132708155724 MeV

Energy at A1\_B8 : 17.285274018491224 MeV





11=08

矢野君 sub の調整完了。 Main Master Oscillator の調整  
 4分ほど調整が完了して 13分ごろに完了。

13=20

矢野氏 連絡 sub の 2nd bunch の調整完了。  
 待機中 2nd bunch の調整が完了。

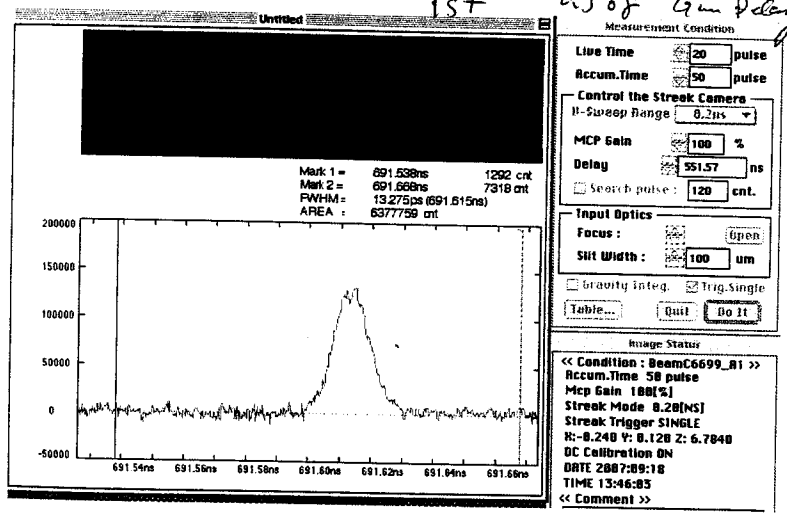
13=30  
 ~14=30

PT ~~調整~~ 5分ほど 総合動作試験 (Ready on 13=30 注意)

13=30

2nd bunch Gun Delay 2 0.1 = Set 12 Search 調整 OKと終了

1st 0.1 of Gun Delay



2nd Bunch

0.1 Gun Delay

