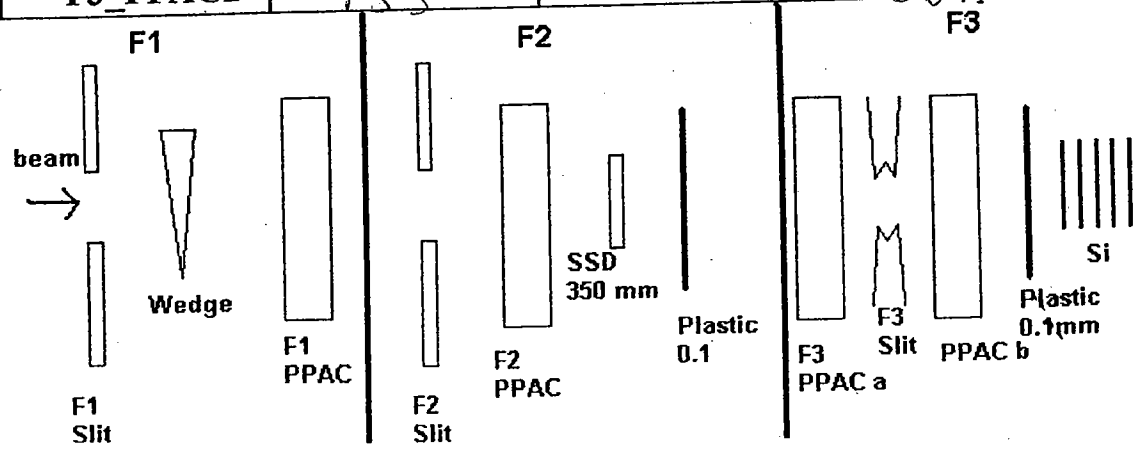


Log Book II
86 Kr Fragmentation
103-204

Run number:	103	Tape: #	8	Name:	M. J. ...
Description:	Ta (0.1)				
Date:	6/5	Time:	17 = 039		
Brho1:	1.97	Brho2:	1.97		
NMR1:	547840	NMR2:	540,200		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5.0 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 1013		

Bias voltage table:

U_dE=	95.5	I_dE=	0.28
U_E1=	95.8	I_E1=	0.55
U_E2=	95.5	I_E2=	0.24
U_E3=	95.3	I_E3=	0.15
U_E4=	95.4	I_E4=	0.21
F1_PPAC=	-749	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPAC1=	-755	NaI(Tl)_3=	
F3_PPAC2=	-755	BaF=	1351.8



RIPS Magnet Control			
	Gal. Curr.	Set Curr.	Read Curr.
Q1	128.25	128.2547	128.254
Q2	102.40	102.4013	100.977
Q3	97.21	97.2093	97.358
SX1	-0.15	0.1469	0.000
D1	304.89	304.8859	306.838
SX2	-0.15	0.1469	0.026
Q4	52.79	52.7908	52.730
Q5	66.13	66.1341	66.225
Q6	58.89	58.8911	59.278
SX3	-0.15	0.1469	0.000
D2	317.08	317.0793	316.508
SX4	-0.15	0.1469	0.000
Q7	81.37	81.3705	82.457
Q8	84.94	84.9357	85.029
Q9	99.34	99.3432	99.445
Q10	114.18	114.1768	115.460
Q11	125.33	125.3343	123.916
Q12	114.14	114.1356	114.459

Mode: Focus
 Parameter:
 Irfc:
 1.9700
 1.9700
 1.9700
 1.9700

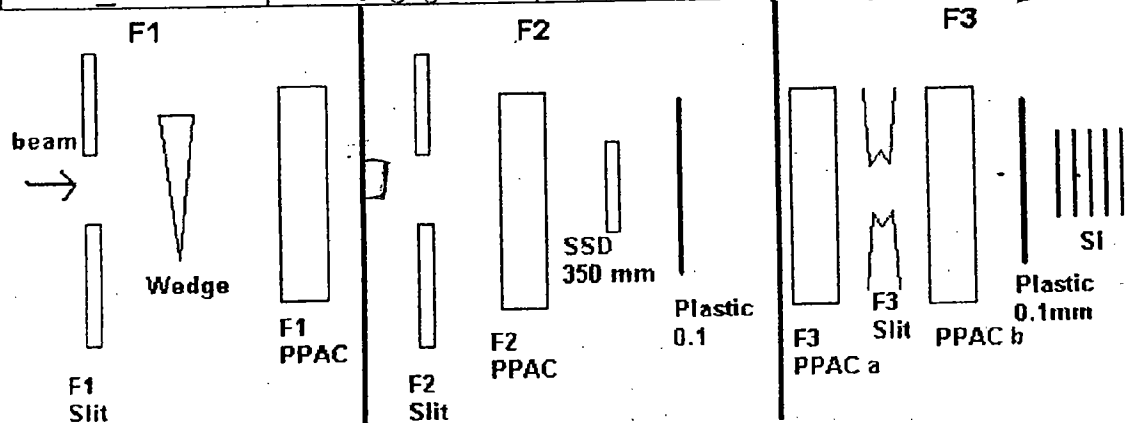
ctrl

6:05:04 18:12		prisca
Run103		
Start -- Sat Jun 5 17:39:14 2004		
Stop -- Sat Jun 5 18:12:05 2004		
Scaler Name :	Total	
UNGATED :	977301	
GATED :	807428	
NONE :	13236	
F1PP T :	61	
F2 SI :	0	
CLEAR S :	807397	
F2PP T :	954860	
F3PPA T :	915018	
E1 :	914887	
PL 2 :	949384	
PL 3 :	953264	
CLOCK :	1968929	
TGT NAI :	2977313	
TGT BAF :	5610	
MOMOTA :	110071	
OKUNO :	9829	
FC :	4391	
MOMOTA1 :	1453680	
MOMOTA2 :	169052692	
MOMOTA3 :	148456894	
OKUNO1 :	167835	
OKUNO2 :	40752	
OKUNO3 :	21004	
F3PPB T :	885219	
LIVE TGT NAI :	2450180	
LIVE TGT BAF :	4656	
LIVE MOMOTA :	90721	
LIVE OKUNO :	8063	
LIVE FC :	3735	
LIVE MOMOTA1 :	1207296	
LIVE MOMOTA2 :	140476464	
LIVE MOMOTA3 :	123402612	
LIVE OKUNO1 :	138408	
LIVE OKUNO2 :	33488	
LIVE OKUNO3 :	17349	
LIVE_CLOCK :	1638094	

Run number:	104	Tape:	7	Name:	R0104
Description:	Be				
Date:	Jan 5, 2004	Time:	18:18:16		
Brho1:	1.92	Brho2:	1.92		
NMR1:	547.24	NMR2:	548.19		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	+ 5.0 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file R0104		
Trigger:	F1 PPAC/F1Plastic(F2 Plastic)				

Bias voltage table (please compare to previous values)

U dE=	95.5	I dE=	0.35
U E1=	95.8	I E1=	0.65
U E2=	95.5	I E2=	0.27
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-749	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1351.8



RIPS Magnet Control

	Cal. Curr.	Set Curr.	Read Curr.
q1	128.25	128.2547	128.142
q2	102.40	102.4013	100.977
q3	97.21	97.2093	97.445
SX1	-0.15	0.1469	0.000
D1	304.89	304.8859	307.102
SX2	-0.15	0.1469	0.000
q4	52.79	52.7908	52.785
q5	66.13	66.1341	66.225
q6	58.89	58.8911	59.169
SX3	-0.15	0.1469	0.000
D2	317.08	317.0793	316.508
SX4	-0.15	0.1469	0.000
q7	81.37	81.3705	82.457
q8	84.94	84.9357	85.029
q9	99.34	99.3432	99.445
q10	114.18	114.1768	115.349
q11	125.33	125.3343	123.645
q12	114.14	114.1356	114.570

Mode:
Focus
Parameter

Info
1.9700 Tm
1.9700 Tm
1.9700 Tm

exit

6* 05, 04 18:48

prisca

Run104

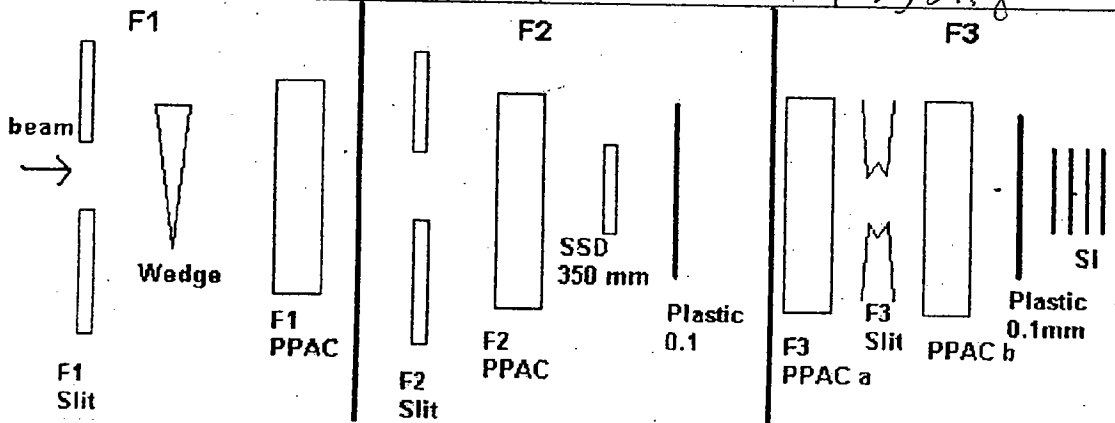
Start -- Sat Jun 5 18:18:16 2004
Stop -- Sat Jun 5 18:48:10 2004

Scaler Name : Total

UNGATED :	2562772
GATED :	1583900
NONE :	25958
F1PP T :	51
F2 SI :	0
CLEARs :	1583439
F2PP T :	2696203
F3PPA T :	2562506
E1 :	2494587
PL_2 :	2580344
PL_3 :	2606598
CLOCK :	1790523
TGT_NAI :	3034275
TGT_BAF :	5701
MOMOTA :	51208
OKUNO :	1126
FC :	3938
MOMOTA1 :	1212359
MOMOTA2 :	153065908
MOMOTA3 :	134342801
OKUNO1 :	38679
OKUNO2 :	8301
OKUNO3 :	6084
F3PPB T :	2556856
LIVE TGT_NAI :	1855864
LIVE TGT_BAF :	3516
LIVE MOMOTA :	31376
LIVE OKUNO :	682
LIVE FC :	2600
LIVE MOMOTA1 :	769019
LIVE MOMOTA2 :	97272401
LIVE MOMOTA3 :	85453210
LIVE OKUNO1 :	23613
LIVE OKUNO2 :	5173
LIVE OKUNO3 :	3750
LIVE_CLOCK :	1141239

Run number:	105	Tape: #9	Name: 10105
Description:	Be		
Date:	Jun 5, 2007	Time:	18:55
Brho1:	1.99	Brho2:	1.99
NMR1:	553.36	NMR2:	553.81
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	± 5.0 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca	SCA file 0005-14
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE=	95.5	I dE=	0.39
U E1=	95.8	I E1=	0.82
U E2=	95.5	I E2=	0.28
U E3=	95.3	I E3=	0.14
U E4=	95.4	I E4=	0.21
F1_PPAC=	-749	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1351.8



RIPS Magnet Control

	Cal. Curr.	Set Curr.	Read Curr.
Q1	129.57	129.5670	129.591
Q2	103.44	103.4429	102.400
Q3	98.20	98.1975	98.398
SX1	-0.15	0.1469	0.000
D1	307.99	307.9873	309.747
SX2	-0.15	0.1469	0.000
Q4	53.34	53.3429	53.330
Q5	66.82	66.8213	66.968
Q6	59.51	59.5052	59.822
SX3	-0.15	0.1469	0.000
D2	320.30	320.3000	319.416
SX4	-0.15	0.1469	0.000
Im Q7	82.20	82.1979	83.189
Q8	85.80	85.7958	85.820
Im Q9	100.36	100.3620	100.290
Q10	115.34	115.3373	116.684
Im Q11	126.60	126.6039	125.139
Q12	115.30	115.2956	115.683

Mode:
Focus

parameter

Brho

Tm F1

1.9900

Im

Q7

F1-F2

1.9900

Im

Q9

F2-F3

1.9900

Im

Q11

exit

Run105

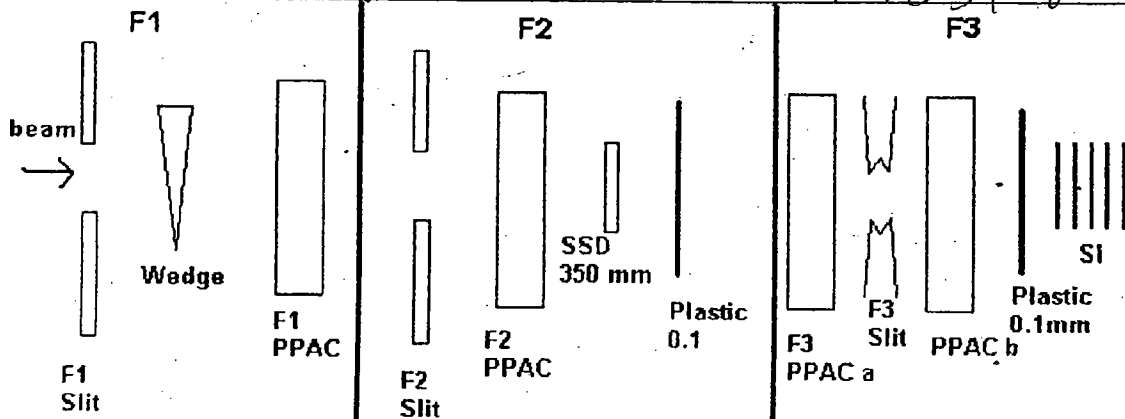
Start -- Sat Jun 5 18:55:38 2004
Stop -- Sat Jun 5 19:22:32 2004

Scaler Name : Total

UNGATED	: 3520431
GATED	: 1787583
NONE	: 29288
F1PP T	: 51
F2 SI	: 0
CLEARs	: 1786569
F2PP T	: 3683795
F3PPA T	: 3539871
E1	: 3363343
PL 2	: 3558556
PL 3	: 3598344
CLOCK	: 1610902
TGT NAI	: 2641934
TGT_BAF	: 4914
MOMOTA	: 44338
OKUNO	: 897
FC	: 3480
MOMOTA1	: 1043031
MOMOTA2	: 137108998
MOMOTA3	: 120247191
OKUNO1	: 33853
OKUNO2	: 7196
OKUNO3	: 5180
F3PPB T	: 3536608
LIVE TGT NAI	: 1320628
LIVE TGT_BAF	: 2485
LIVE MOMOTA	: 22194
LIVE OKUNO	: 424
LIVE FC	: 1914
LIVE MOMOTA1	: 548142
LIVE MOMOTA2	: 72308573
LIVE MOMOTA3	: 63494533
LIVE OKUNO1	: 16895
LIVE OKUNO2	: 3550
LIVE OKUNO3	: 2591
LIVE_CLOCK	: 853239

Run number:	106	Tape: #9	Name: 106
Description:	Ta		
Date:	Jun 5, 2009	Time:	19.20
Brho1:	2.99	Brho2:	2.99
NMR1:	553.38	NMR2:	553.52
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	+5.0 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control:	yes/no	prisca	SCA file 10106:bat
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE=	95.5	I dE=	0.30
U E1=	95.8	I E1=	0.82
U E2=	95.5	I E2=	0.28
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-749	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1351.8



RIPS Magnet Control

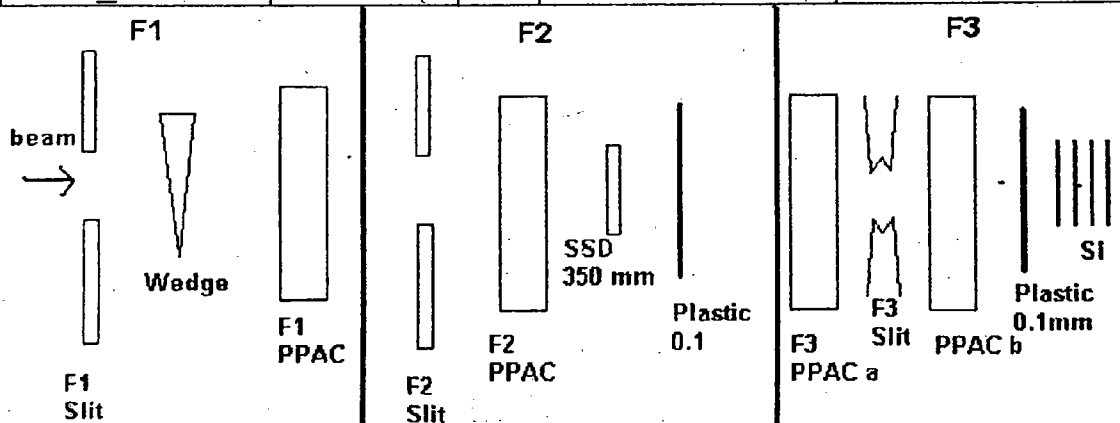
	Cal. Curr.	Set Curr.	Read Curr.
01	129.57	129.5670	129.368
02	103.44	103.4429	102.044
03	98.20	98.1975	98.138
S01	-0.15	0.1469	0.000
04	307.99	307.9877	309.483
S02	-0.15	0.1469	0.000
04	53.34	53.3429	53.330
05	66.82	66.8213	66.968
06	59.51	59.5052	59.767
S03	-0.15	0.1469	0.000
07	320.30	320.3000	319.681
S04	-0.15	0.1469	0.000
07	82.20	82.1979	83.189
08	85.80	85.7958	86.215
09	100.36	100.3620	100.384
010	115.34	115.3373	116.684
011	126.60	126.6039	125.275
012	115.30	115.2956	115.683

exit

6-05, 04 20:02		prisca
Run106		
Start	-- Sat Jun 5 19:28:56 2004	
Stop	-- Sat Jun 5 20:02:46 2004	
Scaler Name : Total		
UNGATED	:	1107737
GATED	:	897587
NONE	:	14714
F1PP T	:	81
F2 SI	:	0
CLEARs	:	897555
F2PP T	:	1093148
F3PPA T	:	1051727
E1	:	1059307
PL 2	:	1085597
PL 3	:	1089286
CLOCK	:	2027392
TGT NAI	:	2815414
TGT BAF	:	5327
MOMOTA	:	104992
OKUNO	:	9445
FC	:	4317
MOMOTA1	:	1418640
MOMOTA2	:	173201897
MOMOTA3	:	152083167
OKUNO1	:	160131
OKUNO2	:	39362
OKUNO3	:	19961
F3PPB T	:	1021979
LIVE TGT NAI	:	2272115
LIVE TGT BAF	:	4329
LIVE MOMOTA	:	84843
LIVE OKUNO	:	7631
LIVE FC	:	3585
LIVE MOMOTA1	:	1158923
LIVE MOMOTA2	:	141596945
LIVE MOMOTA3	:	124382687
LIVE OKUNO1	:	129559
LIVE OKUNO2	:	31869
LIVE OKUNO3	:	16092
LIVE CLOCK	:	1658996

Run number:	1087	Tape:	9	Name:	N. Imel
Description:	Ta target - Brho = 201				
Date:	Jun 5	Time:	20:06		
Brho1:	558.898	Brho2:	559.211		
NMR1:	2.01	NMR2:	2.01		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-	95.5	I dE-	0.51
U E1-	95.8	I E1-	0.81
U E2-	95.5	I E2-	0.27
U E3-	95.3	I E3-	0.15
U E4-	95.4	I E4-	0.21
F1_PPAC=	-755	NaI(Tl)_1=	0.60kV
F2_PPAC=	-755	NaI(Tl)_2=	
F3_PPACA=	-751	NaI(Tl)_3=	
F3_PPACB=	-749	BaF=	1.351



FX: loc.adl

RIPS Control Summary

2004/06/05 20:15:07

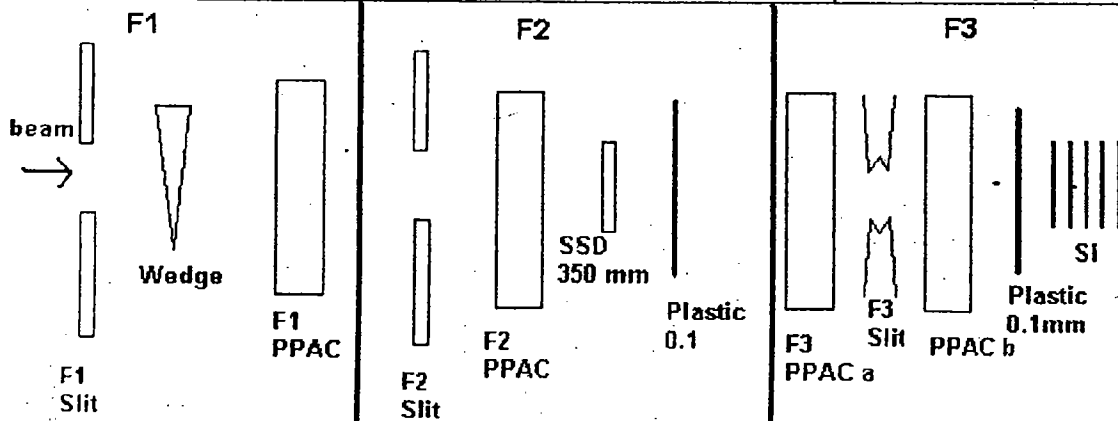
Parameter	Set Curr.	Read Curr.	Target	F2
01	1.3167	130.879	131.151	FG Out
02	1.5337	104.484	103.231	Ret 50.0
03	0.7725	99.1857	99.437	FG Out
04	0.0000	0.1469	0.000	Up 24.0 mm
05	0.2777	311.089	312.922	Down 24.0 mm
06	0.0000	0.1469	0.000	Ret 24.0 mm
07	0.5572	53.8951	53.766	Lft 23.8 mm
08	0.7942	67.5085	67.649	Lgt
09	0.6197	60.1192	60.311	PPAC IN
10	0.0000	0.1469	0.021	F1
11	0.2777	323.520	322.589	F2
12	0.0000	0.1469	0.000	DI 119.8 mm
13	0.6468	83.0253	83.596	PPAC1 IN
14	1.1259	86.6559	86.927	ld -134.9 mm
15	1.0222	101.380	101.418	Ret 5.0 mm
16	1.1110	116.497	117.796	Lft 5.0 mm
17	1.4205	127.873	126.770	PPAC2 IN
18	1.1106	116.455	116.906	Mon Out
19				SSD Out
20				PPAC Out
21				Ret 0 deg
22				Let

D1 558.889
D2 559.186

6:05, 04 20:33		prisca
Run107		
Start -- Sat Jun 5 20:06:04 2004		
Stop -- Sat Jun 5 20:33:36 2004		
Scaler Name :	Total	
UNGATED :	1147283	
GATED :	888106	
NONE :	14558	
F1PP T :	68	
F2 SI :	0	
CLEARs :	888039	
F2PP T :	1139063	
F3PPA T :	1099174	
E1 :	1110040	
PL 2 :	1129303	
PL 3 :	1131825	
CLOCK :	1649932	
TGT NAI :	2428951	
TGT BAF :	4457	
MOMOTA :	89809	
OKUNO :	7955	
FC :	3481	
MOMOTA1 :	1186684	
MOMOTA2 :	141269497	
MOMOTA3 :	124056482	
OKUNO1 :	137810	
OKUNO2 :	33487	
OKUNO3 :	16982	
F3PPB T :	1072872	
LIVE TGT NAI :	1870821	
LIVE TGT BAF :	3433	
LIVE MOMOTA :	69096	
LIVE OKUNO :	6189	
LIVE FC :	2772	
LIVE MOMOTA1 :	923201	
LIVE MOMOTA2 :	109918492	
LIVE MOMOTA3 :	96579130	
LIVE OKUNO1 :	106448	
LIVE OKUNO2 :	25890	
LIVE OKUNO3 :	13252	
LIVE_CLOCK :	1285614	

Run number:	108	Tape:	9	Name:	10108
Description:	Be(92)				
Date:	Jun 5, 2002	Time:	20:42		
Brho1:	2.01	Brho2:	2.01		
NMR1:	558.89	NMR2:	559.14		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	mm	F1PPAC:	(IN) OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	yes/no	prisca	SCA file 10108		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic			F2 plastic	

Bias voltage table (please compare to previous values)			
U dE=	95.5	I dE=	0.46
U E1=	95.8	I E1=	1.06
U E2=	95.5	I E2=	0.28
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-749	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1351.8



RIPS Control Summary

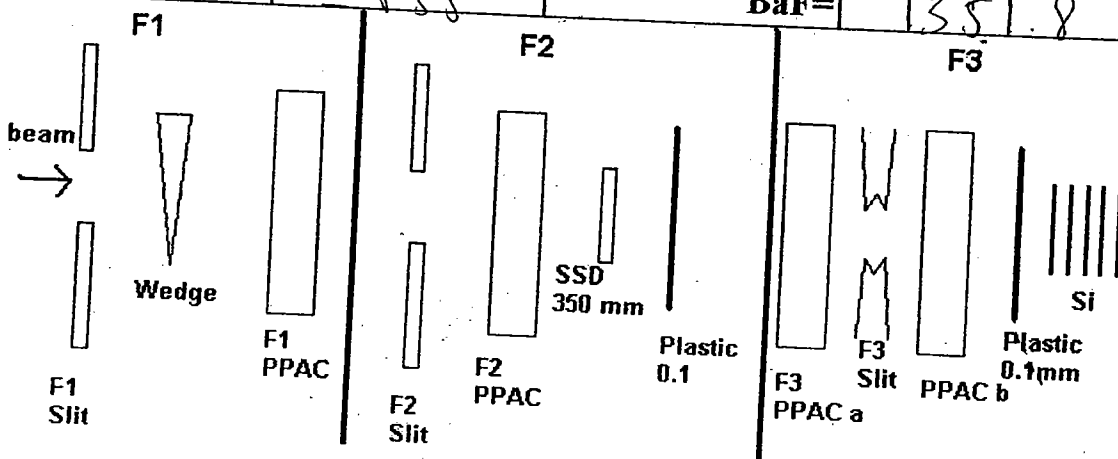
2004/06/05 20:56:13

Parameter	Set Curr.	Read Curr.	Target	FX
1.3167	130.879	130.928		
1.5337	104.484	103.112	Tgt 194.6 mm	FC Out
0.7725	99.1857	99.177	FC Out	Rgt 50.0
0.0000	0.1469	0.000	Up 24.0 mm	Lft 50.0
0.2777	311.089	313.451	Dwn 24.0 mm	PPAG
0.0000	0.1469	0.026	Rgt 24.0 mm	SSD -94.8
0.5572	53.8951	53.875	Lft 23.8 mm	DR
0.7942	67.5085	67.649	Lgt	Pla IN
0.6197	60.1192	60.365		
0.0000	0.1469	0.000		
0.2777	323.456	322.589	F1	F3
0.0000	0.1469	0.000	DR 119.8 mm	PPAG IN
0.6468	83.0253	83.596	Id -134.9 mm	Rgt 49.9
1.1259	86.6559	86.927	Rgt 5.0 mm	Lft 50.0
1.0222	101.380	101.418	Lft 5.0 mm	PPAG IN
1.1110	116.4977	118.019	Mon Out	SSD Out
1.4205	127.873	126.634	Deg Exp	Pla IN
1.1106	116.455	116.906	PPAG Out	Lgt
Focus	Brho	F1 2.0100	Im	Rot 0 deg.
2.0100	Im	F2-F3 2.0100	Im	

6*05, 04 21:12		prisca
Run108		
Start -- Sat Jun 5 20:42:55 2004		
Stop -- Sat Jun 5 21:12:11 2004		
Scaler Name :	Total	
UNGATED :	6016214	
GATED :	2446508	
NONE :	40064	
F1PP T :	60	
F2 SI :	0	
CLEARs :	2443905	
F2PP T :	6293888	
F3PPA T :	6089753	
E1 :	5597636	
PL_2 :	6112371	
PL_3 :	6183441	
CLOCK :	1752282	
TGT NAI :	2806845	
TGT_BAF :	5295	
MOMOTA :	49094	
OKUNO :	1068	
FC :	3745	
MOMOTA1 :	1189289	
MOMOTA2 :	149587662	
MOMOTA3 :	131277435	
OKUNO1 :	37811	
OKUNO2 :	8074	
OKUNO3 :	5758	
F3PPB T :	6089317	
LIVE_TGT_NAI :	1114122	
LIVE_TGT_BAF :	2169	
LIVE_MOMOTA :	19460	
LIVE_OKUNO :	432	
LIVE_FC :	1627	
LIVE_MOMOTA1 :	490583	
LIVE_MOMOTA2 :	61807972	
LIVE_MOMOTA3 :	54326606	
LIVE_OKUNO1 :	15128	
LIVE_OKUNO2 :	3198	
LIVE_OKUNO3 :	2308	
LIVE_CLOCK :	727037	

Run number:	109	Tape:	109	Name:	10109
Description:	Be				
Date:	Jun 05, 2007	Time:	21:21		
Brho1:	2.03	Brho2:	2.03		
NMR1:	564.464	NMR2:	564.410		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5.0 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open	F3PPACs:	IN OUT		
F2PPAC:	IN OUT	F3 Scint:	IN OUT		
F2 Scint:	IN OUT	Rips control	yes/no	prisca	SCA file 10109_10

U dE	95.5	U dE	0.36
U E1	95.8	U E1	1.13
U E2	95.5	U E2	0.72
U E3	95.3	U E3	0.15
U E4	95.4	U E4	0.21
F1_PPAC=	-740	NaI(Tl)_1=	600 600 320 320
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPAC1=	-755	NaI(Tl)_3=	
F3_PPAC2=	755	BaF=	1351.8



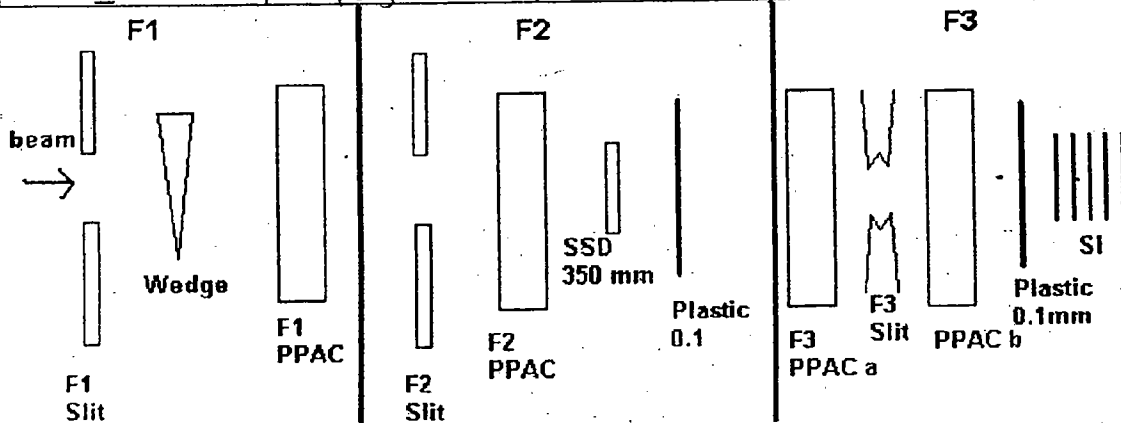
note: beam down

RIPS Control Summary				2004/06/05 21:41:05			
Parameter	Set Curr.	Read Curr.	Target	F1		F2	
Q1	1.3167	132.191	132.488	Tgt 194.5	mm	PC	Out
Q2	1.5337	105.526	104.180	PC	Out	Ret	50.0
Q3	0.7725	100.173	100.476	Up 24.0	mm	Lft	50.0
SX1	0.0000	0.1469	0.000	Dwn 24.0	mm	PPAC	
Q1	0.2777	314.191	316.360	Rgt 24.0	mm	SSD	-94.8
SX2	0.0000	0.1469	0.000	Lft 23.8	mm	Deg	Out
Q4	0.5572	54.4472	54.475	Lgt		Pla	IN
Q5	0.7942	68.1957	68.330				
Q6	0.6197	60.7333	61.018				
SX3	0.0000	0.1469	0.021				
Q2	0.2777	326.741	326.027				
SX4	0.0000	0.1469	0.079	DI 119.8	mm	PPAC1	IN
Q7	0.6468	83.8527	84.327	Id -134.9	mm	Ret	49.9
Q8	1.1259	87.5160	87.718	Ret 5.0	mm	Lft	50.0
Q9	1.0222	102.399	102.452	Lft 5.0	mm	PPAC2	IN
Q10	1.1110	117.658	119.131	Mon	Out	SSD	Out
Q11	1.4205	129.142	127.585	Deg	Exp	Pla	IN
Q12	1.1106	117.615	118.019	PPAC	Out	Lgt	
Focus		Brho	In-F1 2.0300	Ret 0	deg.		
F1-F2	2.0300	In	F2-F3 2.0300				

6/05/04 21:42		prisca
Run109		
Start	-- Sat Jun 5 21:21:02 2004	
Stop	-- Sat Jun 5 21:42:08 2004	
Scaler Name :	Total	
UNGATED :	902039	
GATED :	672051	
NONE :	11016	
F1PP T :	24	
F2 SI :	0	
CLEARs :	671977	
F2PP T :	938500	
F3PPA T :	903063	
E1 :	877633	
PL 2 :	906005	
PL 3 :	917029	
CLOCK :	1198715	
TGT NAI :	253858	
TGT BAF :	544	
MOMOTA :	4892	
OKUNO :	103	
FC :	2725	
MOMOTA1 :	707350	
MOMOTA2 :	101054622	
MOMOTA3 :	88651259	
OKUNO1 :	3750	
OKUNO2 :	775	
OKUNO3 :	630	
F3PPB T :	902678	
LIVE TGT NAI :	186327	
LIVE TGT BAF :	405	
LIVE MOMOTA :	3643	
LIVE OKUNO :	84	
LIVE FC :	2114	
LIVE MOMOTA1 :	537514	
LIVE MOMOTA2 :	76838129	
LIVE MOMOTA3 :	67446674	
LIVE OKUNO1 :	2800	
LIVE OKUNO2 :	593	
LIVE OKUNO3 :	474	
LIVE_CLOCK :	912685	

Run number:	110	Tape:	10	Name:	N. Iwas
Description:	Beam come again.				
Date:	Jun 05, 2004	Time:	21:57		
Brho1:	2.03	Brho2:	2.03		
NMR1:	564.605	NMR2:	564.701		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	25 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.5	L dE=	0.36
U E1=	95.8	L E1=	1.13
U E2=	95.5	L E2=	0.27
U E3=	95.3	L E3=	0.14
U E4=	95.4	L E4=	0.21
F1_PPAC=	748	NaI(Tl)_1=	600V
F2_PPAC=	751	NaI(Tl)_2=	
F3_PPACA=	755	NaI(Tl)_3=	
F3_PPACB=	755	BaF=	1351



Run110
Start -- Sat Jun 5 21:57:20 2004
Stop -- Sat Jun 5 22:03:45 2004

Scaler Name :	Total
UNGATED :	315012
GATED :	234021
NONE :	3836
F1PP T :	9
F2 SI :	0
CLEARs :	233997
F2PP T :	330138
F3PPA T :	315492
E1 :	306089
PL 2 :	316280
PL 3 :	320274
CLOCK :	384382
TGT NAI :	93790
TGT BAF :	177
MOMOTA :	1692
OKUNO :	40
FC :	871
MOMOTA1 :	217421
MOMOTA2 :	32351258
MOMOTA3 :	28325422
OKUNO1 :	1234
OKUNO2 :	306
OKUNO3 :	180
F3PPB T :	315381
LIVE TGT NAI :	68960
LIVE TGT BAF :	123
LIVE MOMOTA :	1276
LIVE OKUNO :	29
LIVE FC :	697
LIVE MOMOTA1 :	163546
LIVE MOMOTA2 :	24238527
LIVE MOMOTA3 :	21236432
LIVE OKUNO1 :	918
LIVE OKUNO2 :	221
LIVE OKUNO3 :	127
LIVE_CLOCK :	288349

Shaping amp ~~of~~ for SE low seems broken
from Run 107, response is strange.
106

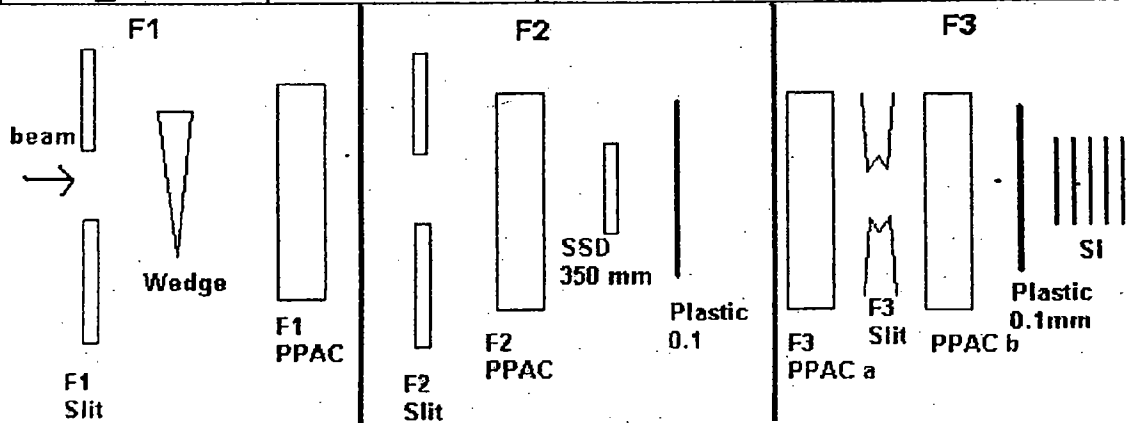
↓
Oscillating

many output even without input

shaping amplifier replaced with new one
gain ~ 20% higher
problem ~~apparently~~ started with RUN # 107

Run number:	111	Tape:	10	Name:	N. J. Smith
Description:	Ta (0.1mm) target				
Date:		Time:			
Brho1:	2.03	Brho2:	2.03		
NMR1:	564.406	NMR2:	564.658		
Target:	Be(92)	<u>Ta(166)</u>	Be(115)	Be(181)	
F1 slit:	± 5 mm	F1PPAC:	IN	<u>OUT</u>	
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	<u>IN</u>	OUT	F3PPACs:	<u>IN</u>	OUT
F2 Scint:	<u>IN</u>	OUT	F3 Scint:	<u>IN</u>	OUT
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-	95.5	I dE-	0.33
U E1-	95.8	I E1-	1.10
U E2-	95.5	I E2-	0.27
U E3-	95.3	I E3-	0.14
U E4-	95.4	I E4-	0.21
F1_PPAC=	749	NaI(Tl)_1=	600
F2_PPAC=	751	NaI(Tl)_2=	
F3_PPACA=	755	NaI(Tl)_3=	
F3_PPACB=	755	BaF=	1352

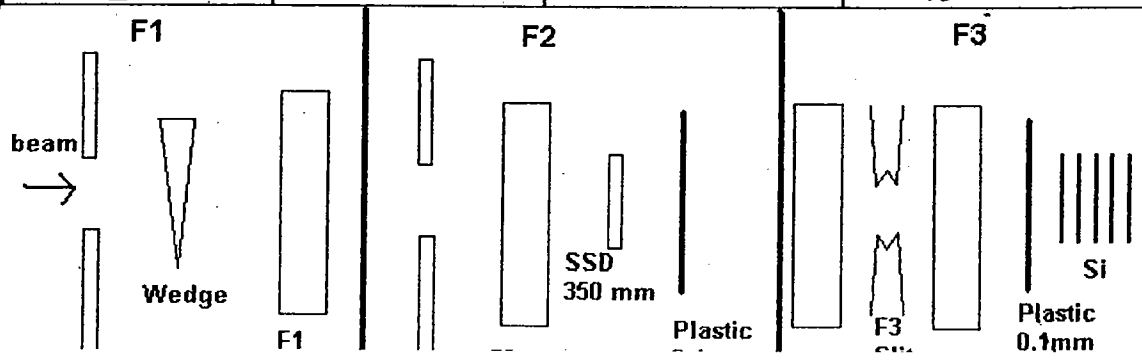


att. (1/2) units.

Run 107 ~ Run 111 are Junk.
 We re-measure $\rho_{rho} = 2.03$, Ta and Be target
 and skip $\rho_{rho} = 2.01$. Tim

Run number:	112	Tape:	10	Name:	R. J. J.
Description:					
Date:	July 5	Time:			
$\rho_{rho}1$:	2.03	$\rho_{rho}2$:	2.03		
NMR1:	564.407	NMR2:	564.760		
Target:	Be(92)	Ta(166)	Be(115)-Be(181)		
F1 slit:	5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisa	SCA file		

U_dE=	95.5	I_dE=	0.33
U_E1=	95.8	I_E1=	1.09
U_E2=	95.5	I_E2=	0.27
U_E3=	95.3	I_E3=	0.14
U_E4=	95.4	I_E4=	0.21
F1_PPAC=		NaI(Tl)_1=	600
F2_PPAC=		NaI(Tl)_2=	
F3_PPAC1=		NaI(Tl)_3=	
F3_PPAC2=		BaF=	1352



6:05, 04 22:30 prisca

Run111

Start -- Sat Jun 5 22:08:00 2004
 Stop -- Sat Jun 5 22:30:03 2004

Scaler Name :	Total
UNGATED :	665125
GATED :	547558
NONE :	8976
F1PP_T :	38
F2_SI :	0
CLEAR_S :	547537
F2PP_T :	660181
F3PPA_T :	644001
E1 :	657339
PL_2 :	656999
PL_3 :	658424
CLOCK :	1321736
TGT_NAI :	1145023
TGT_BAF :	2084
MOMOTA :	42932
OKUNO :	3885
FC :	2930
MOMOTA1 :	825319
MOMOTA2 :	111948329
MOMOTA3 :	98011855
OKUNO1 :	66824
OKUNO2 :	16441
OKUNO3 :	8163
F3PPB_T :	631962
LIVE_TGT_NAI :	938024
LIVE_TGT_BAF :	1705
LIVE_MOMOTA :	35268
LIVE_OKUNO :	3212
LIVE_FC :	2511
LIVE_MOMOTA1 :	683563
LIVE_MOMOTA2 :	92847384
LIVE_MOMOTA3 :	81319304
LIVE_OKUNO1 :	54826
LIVE_OKUNO2 :	13539
LIVE_OKUNO3 :	6742
LIVE_CLOCK :	1097316

6:05, 04 23:06 prisca

Run112

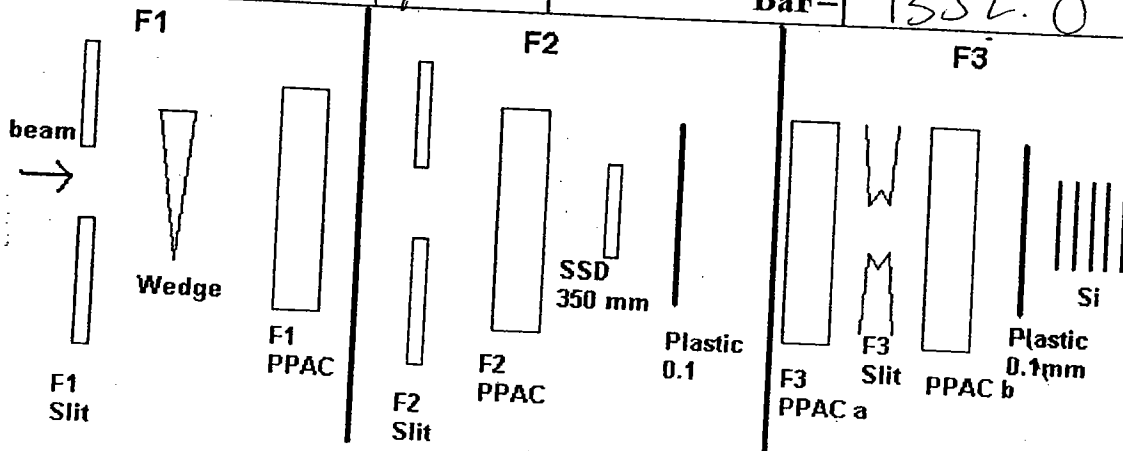
Start -- Sat Jun 5 22:39:42 2004
 Stop -- Sat Jun 5 23:06:16 2004

Scaler Name :	Total
UNGATED :	727014
GATED :	609897
NONE :	9998
F1PP_T :	41
F2_SI :	14663
CLEAR_S :	609879
F2PP_T :	719910
F3PPA_T :	701002
E1 :	717159
PL_2 :	718218
PL_3 :	719251
CLOCK :	1592332
TGT_NAI :	1254787
TGT_BAF :	2272
MOMOTA :	46717
OKUNO :	4263
FC :	3700
MOMOTA1 :	976991
MOMOTA2 :	134545130
MOMOTA3 :	117524682
OKUNO1 :	72946
OKUNO2 :	17882
OKUNO3 :	8985
F3PPB_T :	686878
LIVE_TGT_NAI :	1046498
LIVE_TGT_BAF :	1886
LIVE_MOMOTA :	39077
LIVE_OKUNO :	3592
LIVE_FC :	3212
LIVE_MOMOTA1 :	822918
LIVE_MOMOTA2 :	113323824
LIVE_MOMOTA3 :	99020167
LIVE_OKUNO1 :	60861
LIVE_OKUNO2 :	14920
LIVE_OKUNO3 :	7569
LIVE_CLOCK :	1342366

Run number:	0113	Tape:	10	Name:	0113
Description:	Xe				
Date:	June 5, 2002	Time:	23:12		
Brho1:	2.03	Brho2:	203		
NMR1:	564.408	NMR2:	564.798		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 10. mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 10113		

Bias voltage table:

U_dE=	95.5	I_dE=	0.34
U_E1=	95.8	I_E1=	1.10
U_E2=	95.5	I_E2=	0.28
U_E3=	95.3	I_E3=	0.15
U_E4=	95.4	I_E4=	0.21
F1_PPAC=	-255	NaI(Tl)_1=	600
F2_PPAC=	-255	NaI(Tl)_2=	
F3_PPAC1=	-251	NaI(Tl)_3=	
F3_PPAC2=	-248	BaF=	1352.0



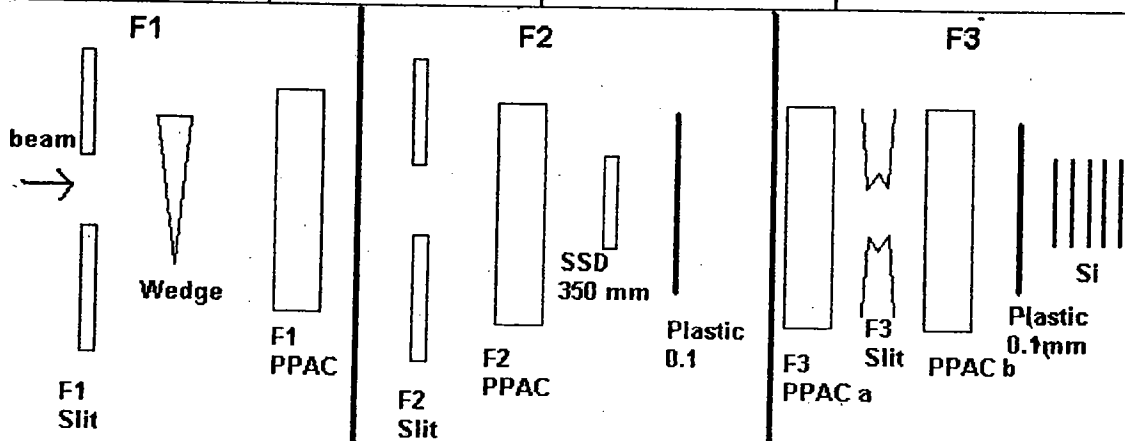
RIPS Control Summary				2004/06/05 23:28:16	
Parameter	Set Curr.	Read Curr.	Target	F2	
01	1.3167	132.1917	132.488		
02	1.5337	105.5260	104.299	Tgt 95.8 mm	FC Out
03	0.7725	100.1739	100.390		Rgt 50.0
04	0.0000	0.1469	0.000	Up 24.0 mm	Lft 50.0
05	0.2777	314.1913	316.360	Down 24.0 mm	PPAG
06	0.0000	0.1469	0.000	Ret 24.0 mm	SSB -94.8
07	0.5572	54.4472	54.421	Lft 23.8 mm	Deg Out
08	0.7942	68.1957	68.330		Pla -4.9
09	0.6197	60.7333	61.018	Let	Pla IN
10	0.0000	0.1469	0.000		
11	0.2777	326.7413	326.027	F1	F3
12	0.0000	0.1469	0.000	D1 119.8 mm	PPAG1 IN
13	0.6468	83.8527	84.490	1d -134.9 mm	Rgt 49.9
14	1.1259	87.5160	87.560	Rgt 10.0 mm	Lft 50.0
15	1.0222	102.3996	102.452	Lft 10.0 mm	PPAG2 IN
16	1.1110	117.6582	119.131	From Out	SSB Out
17	1.4205	129.1429	127.857	Deg Exp	Pla IN
18	1.1106	117.6157	118.019	PPAG Out	Let
Focus	Brho	TA-F1 2.0300	In	Rot 0	deg
F1 F2 2.0300	In	F2-F3 2.0300	In		

D1 = 564.408 D2 = 564.797

6*05, 04 23:38		prisca
Run113		
Start	-- Sat Jun 5 23:12:59 2004	
Stop	-- Sat Jun 5 23:38:24 2004	
Scaler Name :	Total	
UNGATED :	1274283	
GATED :	938163	
NONE :	15378	
F1PP T :	41	
F2 SI :	0	
CLEARs :	938059	
F2PP T :	1256059	
F3PPA T :	1231019	
E1 :	1253445	
PL 2 :	1260514	
PL 3 :	1263606	
CLOCK :	1522954	
TGT_NAI :	1110424	
TGT_BAF :	2042	
MOMOTA :	41684	
OKUNO :	3710	
FC :	3592	
MOMOTA1 :	997103	
MOMOTA2 :	129269531	
MOMOTA3 :	113012303	
OKUNO1 :	63441	
OKUNO2 :	15685	
OKUNO3 :	7975	
F3PPB T :	1206845	
LIVE_TGT_NAI :	810882	
LIVE_TGT_BAF :	1495	
LIVE_MOMOTA :	30550	
LIVE_OKUNO :	2740	
LIVE_FC :	2807	
LIVE_MOMOTA1 :	741628	
LIVE_MOMOTA2 :	96436977	
LIVE_MOMOTA3 :	84362340	
LIVE_OKUNO1 :	46567	
LIVE_OKUNO2 :	11561	
LIVE_OKUNO3 :	5918	

Run number:	114	Tape:	10	Name:	
Description:	Little same configuration as run 113				
Date:		Time:			
Brho1:		Brho2:			
NMR1:		NMR2:			
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 2.8 mm	F1PPAC:	IN	OUT	
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN	OUT	F3PPACs:	IN	OUT
F2 Scint:	IN	OUT	F3 Scint:	IN	OUT
Rips control	yes/no	prisca	SCA file 1014		

Bias voltage table:	
U dE=	I dE=
U E1=	I E1=
U E2=	I E2=
U E3=	I E3=
U E4=	I E4=
F1_PPAC=	NaI(Tl)_1=
F2_PPAC=	NaI(Tl)_2=
F3_PPAC1=	NaI(Tl)_3=
F3_PPAC2=	BaF=



log.adl

RIPS Control Summary

2004/06/05 23:56:56

Parameter	Set Curr	Read Curr	Target	F2
1.3167	132.191	132.042	Tgt 95.8 mm	FC Out
1.5337	105.526	104.180	FC Out	Ret 50.0 mm
0.7725	100.173	100.303	Lft 24.0 mm	Lft 50.0 mm
0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC
0.2777	314.191	316.625	Ret 24.0 mm	SSD -94.8 mm
0.0000	0.1469	0.026	Lft 23.8 mm	Deg Out
0.5572	54.4472	54.366	Lft	Pla IN
0.7942	68.1957	68.268		
0.6197	60.7333	61.018		
0.0000	0.1469	0.021		
0.2777	326.741	325.762		
0.0000	0.1469	0.000	D1 119.8 mm	PPAC1 IN
0.6468	83.8527	84.490	ld -134.9 mm	Ret 49.9 mm
1.1259	87.5160	87.718	Ret 2.1 mm	Lft 50.0 mm
1.0222	102.399	102.358	Lft 2.0 mm	PPAC2 IN
1.1110	117.658	119.020	Flow Out	SSD Out
1.4205	129.142	128.128	Deg Exp	Pla IN
1.1106	117.615	118.130	PPAC Out	Lft

FOCUS Brio F1-F2 2.0300 In Rot 0 Deg

2.0300 In F2-F3 2.0300 In

6:05, 04 23:54 prisca

Run114

Start -- Sat Jun 5 23:43:22 2004
 Stop -- Sat Jun 5 23:54:23 2004

Scaler Name :	Total
UNGATED :	513346
GATED :	385073
NONE :	6312
F1PP T :	47
F2 SI :	0
CLEARs :	385033
F2PP T :	517932
F3PPA T :	492929
E1 :	500176
PL_2 :	506892
PL_3 :	505117
CLOCK :	660138
TGT NAI :	2489300
TGT BAF :	4451
MOMOTA :	93593
OKUNO :	8335
FC :	1480
MOMOTA1 :	556540
MOMOTA2 :	57027763
MOMOTA3 :	49965547
OKUNO1 :	143502
OKUNO2 :	35049
OKUNO3 :	17614
F3PPB T :	482032
LIVE TGT NAI :	1857227
LIVE TGT BAF :	3327
LIVE MOMOTA :	70179
LIVE OKUNO :	6221
LIVE FC :	1156
LIVE MOMOTA1 :	421260
LIVE MOMOTA2 :	43308577
LIVE MOMOTA3 :	37963562
LIVE OKUNO1 :	107131
LIVE OKUNO2 :	26140
LIVE OKUNO3 :	13174
LIVE_CLOCK :	502220

1 slit calib.

	#Ana (a)	#12c (b)	#gated J(c)	#0pmm (d)	$b \times \frac{L}{a} \times \frac{1}{d}$
Run 113 ($\pm 10\text{mm}$)	779580	4466	938163	3710	1.449
Run 114 ($\pm 2\text{mm}$)	147620	864	207297	4443	0.273

If slit has offset (δ) actual slit width
is $\pm(2\text{mm} + \delta)$ on $\pm(10\text{mm} + \delta)$

$$\underline{1.449 : 0.273 = 10 + \delta = 2 + \delta}$$

$$0.273 \times (10 + \delta) = 1.449 \times (2 + \delta)$$

$$1.176\delta = -0.17$$

$$\underline{\delta = -0.14}$$

we can also use $\pm 5\text{mm}$ setting

$$\frac{1.449}{0.273} = \frac{10 + \delta}{2 + \delta}$$

$$(2 + \delta) \frac{1.449}{0.273} = 10 + \delta$$

$$2 \times \frac{1.449}{0.273} - 10 = \delta - \frac{1.449}{0.273} \delta$$

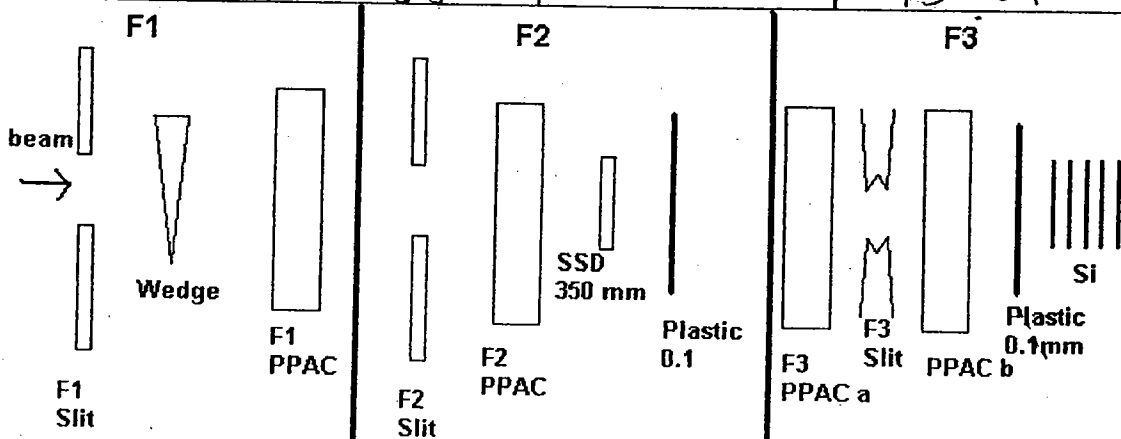
$$10 - 2 \left(\frac{1.449}{0.273} \right) = \delta \left(\frac{1.449}{0.273} - 1 \right)$$

\downarrow
 5.30769

$$\frac{-0.61538}{4.30769} = \delta = \underline{\underline{-0.14}}$$

Run number:	115	Tape:	#10	Name:	115
Description:	Ta				
Date:	Jun, 6, 2024	Time:	00:08		
Brho1:	2.05	Brho2:	2.05		
NMR1:	569.89	NMR2:	520.48		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5.0 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 0.115.101		

Bias voltage table:			
U dE=	95.4	U dE=	0.34
U E1=	95.2	U E1=	1.44
U E2=	95.5	U E2=	0.28
U E3=	95.3	U E3=	0.13
U E4=	95.4	U E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPAC1=	-755	NaI(Tl)_3=	
F3_PPAC2=	-755	BaF=	1352.0



RIPS Control Summary			2004/06/06 00:18:37	
Parameter	Set Curr.	Read Curr.	Target	F2-
01	1.3167	133.5040	133.379	FC Out
02	1.5337	106.5675	104.892	Rgt 50.0
03	0.7725	101.1621	101.516	Lft 50.0
04	0.0000	0.1469	0.000	PPAC
01	0.2777	317.2931	319.534	SSD -94.8
02	0.0000	0.1469	0.000	Rgt 24.0
03	0.5572	54.9994	54.966	Lft 23.8
05	0.7942	68.8829	68.948	Let
06	0.6197	61.3474	61.616	Pla IN
07	0.0000	0.1469	0.000	F1
02	0.2777	329.9615	329.464	PPAC1 IN
04	0.0000	0.1469	0.079	Rgt 49.9
07	0.6468	84.6801	85.222	Lft 50.0
08	1.1259	88.3760	88.430	PPAC2 IN
09	1.0222	103.4180	103.768	SSD Out
10	1.1110	118.8180	119.910	Pla IN
11	1.4205	130.4120	128.808	Let
12	1.1106	118.7750	119.131	Rot 0

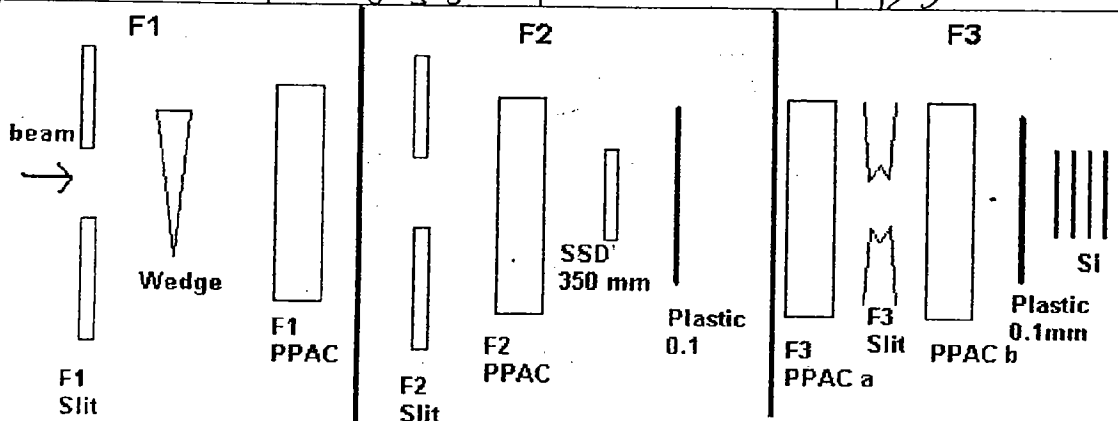
6:06,04 0:36 prisca

Run115
 Start -- Sun Jun 6 00:07:25 2004
 Stop -- Sun Jun 6 00:36:02 2004

Scaler Name :	Total
UNGATED :	1487519
GATED :	1086523
NONE :	17810
F1PP T :	52
F2 SI :	0
CLEARs :	1086411
F2PP T :	1484568
F3PPA T :	1444837
E1 :	1477928
PL 2 :	1475861
PL 3 :	1477578
CLOCK :	1715221
TGT NAI :	2284857
TGT BAF :	3867
MOMOTA :	80402
OKUNO :	7158
FC :	3968
MOMOTA1 :	1224704
MOMOTA2 :	146539013
MOMOTA3 :	128097531
OKUNO1 :	122652
OKUNO2 :	29791
OKUNO3 :	15107
F3PPB T :	1419799
LIVE TGT NAI :	1657747
LIVE TGT BAF :	2782
LIVE MOMOTA :	58496
LIVE OKUNO :	5150
LIVE FC :	3091
LIVE MOMOTA1 :	903321
LIVE MOMOTA2 :	108298221
LIVE MOMOTA3 :	94730154
LIVE OKUNO1 :	89214
LIVE OKUNO2 :	21663
LIVE OKUNO3 :	10990
LIVE_CLOCK :	1270402

Run number:	116	Tape:	10	Name:	116
Description:	Be				
Date:	June 6, 2007	Time:	00:41:		
Brho1:	2.05	Brho2:	2.05		
NMR1:	569.89	NMR2:	570.108		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 00116.tex		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.4	I dE=	0.35
U E1=	95.8	I E1=	1.16
U E2=	95.5	I E2=	0.28
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.24 (0.21)
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1352

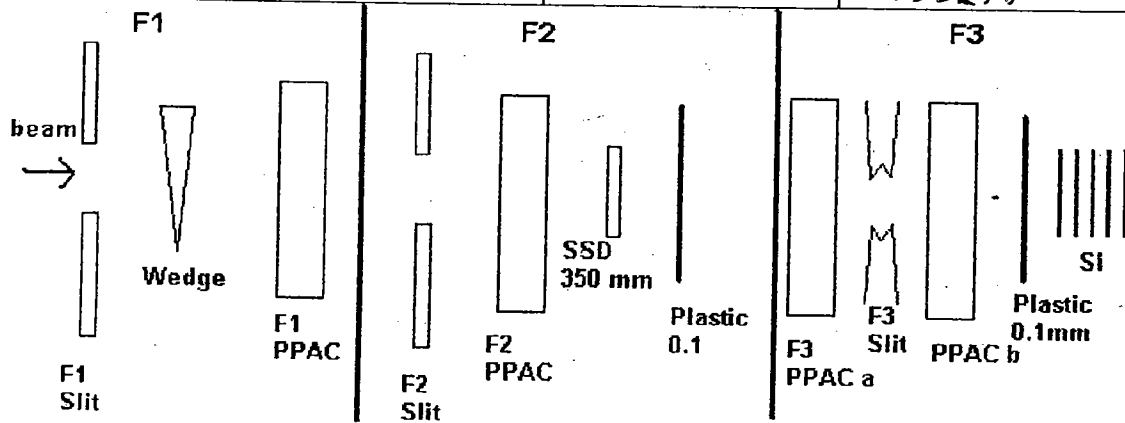


RIPS Control Summary			2004/06/06 00:57:35	
Parameter	Set Curr.	Read Curr.	Target	F2
1.3167	133.5040	133.491	Tgt 194.6 mm	FC Out
1.5337	106.5675	105.011	FC Out	Rgt 50.1 mm
0.7725	101.1621	101.516	Up 24.0 mm	Lft 50.0 mm
0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC
0.2777	317.2931	319.534	Rgt 24.0 mm	SSD -94.8 mm
0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
0.5572	54.9994	54.966	Lgt	Pla IN
0.7942	68.8829	68.948		
0.6197	61.3474	61.508		
0.0000	0.1469	0.000		
0.2777	329.9619	329.200	F1	F3
0.0000	0.1469	0.000	DI 119.8 mm	PPAC1 IN
0.6468	84.6801	85.466	ld -134.9 mm	Rgt 49.9 mm
1.1259	88.3760	88.588	Rgt 5.0 mm	Lft 50.0 mm
1.0222	103.4184	103.392	Lft 5.0 mm	PPAC2 IN
1.1110	118.8186	120.466	Mon Out	SSD Out
1.4205	130.4124	128.400	Deg Exp	Pla IN
1.1106	118.7757	119.131	PPAC Out	Lgt
Focus	Brho	TA-F1 2.0500 Im	Rot 0	deg.
2.0500 Im		F2-F3 2.0500 Im		

6:06:04 1:10		prisca	
Run116			
Start -- Sun Jun 6 00:41:48 2004			
Stop -- Sun Jun 6 01:10:07 2004			
Scaler Name :		Total	
UNGATED :		1076846	
GATED :		849540	
NONE :		13926	
F1PP T :		34	
F2_SI :		0	
CLEARs :		849487	
F2PP T :		1125052	
F3PPA T :		1077720	
E1 :		1049664	
PL 2 :		1083380	
PL 3 :		1093974	
CLOCK :		1697068	
TGT NAI :		221761	
TGT BAF :		465	
MOMOTA :		4087	
OKUNO :		82	
FC :		4105	
MOMOTA1 :		1063003	
MOMOTA2 :		143569070	
MOMOTA3 :		125450465	
OKUNO1 :		3026	
OKUNO2 :		640	
OKUNO3 :		552	
F3PPB T :		1077420	
LIVE TGT NAI :		171954	
LIVE TGT BAF :		372	
LIVE MOMOTA :		3231	
LIVE OKUNO :		69	
LIVE FC :		3394	
LIVE MOMOTA1 :		843650	
LIVE MOMOTA2 :		113978243	
LIVE MOMOTA3 :		99641705	
LIVE OKUNO1 :		2360	
LIVE OKUNO2 :		508	
LIVE OKUNO3 :		445	
LIVE_CLOCK :		1349326	

Run number:	117	Tape:	11	Name:	AK
Description:					
Date:	6/6/04	Time:	1:24 a.m.		
Brho1:	2.0300	Brho2:	2.0300		
NMR1:	564.500	NMR2:	564.800		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	yes	SCA file: 09/7.txt	
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9 V	I dE=	0.36 μ A
U E1=	95.8	I E1=	1.22
U E2=	95.5	I E2=	0.28
U E3=	95.3	I E3=	0.14
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748 V	NaI(Tl)_1=	600 V
F2_PPAC=	-751	NaI(Tl)_2=	600 V
F3_PPACA=	-755	NaI(Tl)_3=	600 V
F3_PPACB=	-755	BaF=	1352.0



RIPS Control Summary

2004/06/06 01:34:05

Parameter	Set Curr.	Read Curr.	Target	F2
Q1	1.3167	132.1917	132.154	FC Out
Q2	1.5337	105.5260	104.180	Rgt 50.1
Q3	0.7725	100.1739	100.303	FC Out
SX1	0.0000	0.1469	0.000	Up 24.0 mm
D1	0.2777	314.1913	316.360	Down 24.0 mm
SX2	0.0000	0.1469	0.000	Rgt 24.0 mm
Q4	0.5572	54.4472	54.421	Lft 23.8 mm
Q5	0.7942	68.1957	68.330	Lgt
Q6	0.6197	60.7333	60.964	PPAC
SX3	0.0000	0.1469	0.000	SSD -94.8
D2	0.2777	326.7413	325.762	FC
SX4	0.0000	0.1469	0.000	D1 119.8 mm
Q7	0.6468	83.8527	84.490	Id -134.9 mm
Q8	1.1259	87.5160	87.797	Rgt 5.0 mm
Q9	1.0222	102.3996	102.452	Lft 5.0 mm
Q10	1.1110	117.6582	119.242	Mem Out
Q11	1.4205	129.1429	127.857	Deg Exp
Q12	1.1106	117.6157	118.019	PPAC Out
Focus	Rho	Ta	F1 2.0300 In	Rot 0 deg
F1	F2	F3	2.0300 In	F2-F3 2.0300 In

6:06, 04 1:54 **prisca**

Run117

Start -- Sun Jun 6 01:24:16 2004
 Stop -- Sun Jun 6 01:54:02 2004

Scaler Name	Total
UNGATED	1306626
GATED	990379
NONE	16234
F1PP T	32
F2 SI	0
CLEARs	990275
F2PP T	1368597
F3PPA T	1307567
E1	1272636
PL_2	1315015
PL_3	1327890
CLOCK	1783444
TGT_NAI	387715
TGT_BAF	765
MOMOTA	6957
OKUNO	137
FC	4588
MOMOTA1	1113656
MOMOTA2	151021386
MOMOTA3	132184843
OKUNO1	5283
OKUNO2	1150
OKUNO3	860
F3PPB T	1307045
LIVE_TGT_NAI	289620
LIVE_TGT_BAF	592
LIVE_MOMOTA	5198
LIVE_OKUNO	102
LIVE_FC	3598
LIVE_MOMOTA1	851005
LIVE_MOMOTA2	115385632
LIVE_MOMOTA3	101055526
LIVE_OKUNO1	3947
LIVE_OKUNO2	885
LIVE_OKUNO3	668
LIVE_CLOCK	1363747

* Si Bias voltages have not been compensated for increasing current.

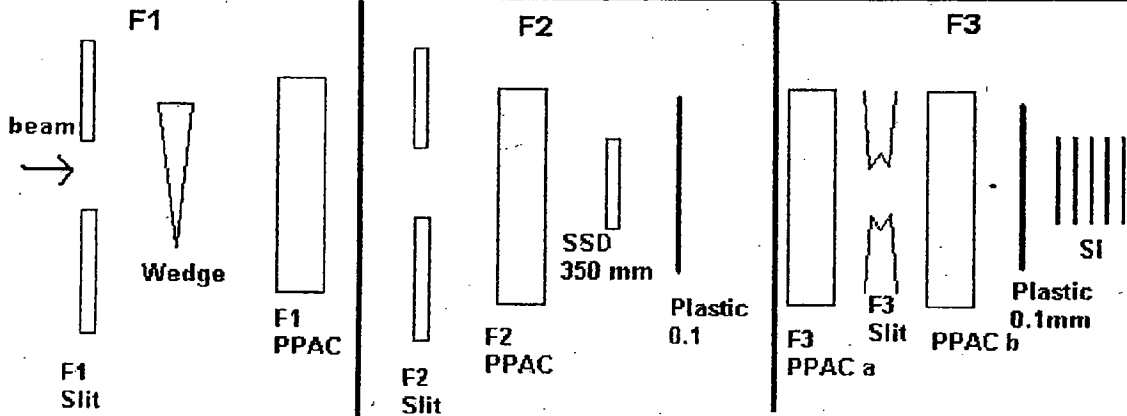
Values are now adjusted to,

V_{dE}	95.7 V	I_{dE}	0.35 μA
V_{E1}	97.5	I_{E1}	1.22
V_{E2}	95.6	I_{E2}	0.29
V_{E3}	95.3	I_{E3}	0.15
V_{E4}	95.4	I_{E4}	0.21

Att. 1/100

Run number:	118	Tape:	11	Name:	AK
Description:	Same as run 117, Ta(166) target.			hysteresis check	
Date:	6/6/04	Time:	1:50 a.m.		
Brho1:	2.0300	Brho2:	2.0300		
NMR1:	564.460	NMR2:	564.810		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT		F3PPACs: IN OUT		
F2 Scint:	IN OUT		F3 Scint: IN OUT		
Rips control	yes/no	prisca	yes	SCA file run 011814	
Trigger:	F1 PPAC/F1Plastic(F2 Plastic)				

Bias voltage table (please compare to previous values)			
U dE-	95.7 V	I dE-	0.35 μ A
U E1-	97.5	I E1-	1.22
U E2-	95.6	I E2-	0.29
U E3-	95.3	I E3-	0.15
U E4-	95.4	I E4-	0.21
F1_PPAC=	- 748 V	NaI(Tl)_1=	600 V
F2_PPAC=	- 751	NaI(Tl)_2=	600 V
F3_PPACA=	- 755	NaI(Tl)_3=	600 V
F3_PPACB=	- 755	BaF=	1352.0

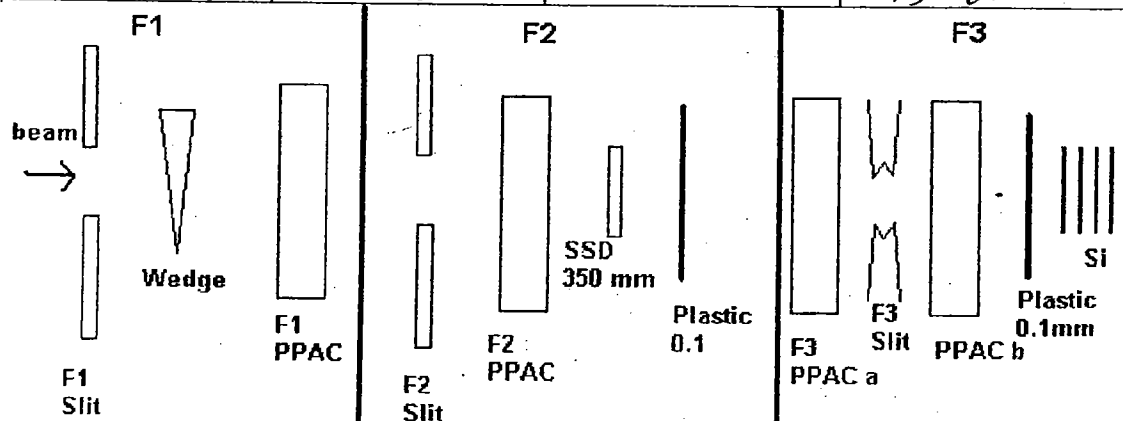


RIPS Control Summary				2004/06/06 02:09:32			
Parameter	Set Curr.	Read Curr.	Target	F2			
Q1	1.3167	132.1917	132.154	Tgt 95.8	mm	FC	Out
Q2	1.5337	105.5260	104.062	FC	Out	Rgt	50.1 mm
Q3	0.7725	100.1739	100.130	Up	24.0 mm	Lft	50.0 mm
SX1	0.0000	0.1469	0.000	Dwn	24.0 mm	PPAC	
D1	0.2777	314.1913	316.360	Rgt	24.0 mm	SSD	-94.8 mm
SX2	0.0000	0.1469	0.000	Lft	23.8 mm	Deg	Out
Q4	0.5572	54.4472	54.421	Lgt		Pla	-4.9 deg
Q5	0.7942	68.1957	68.391				
Q6	0.6197	60.7333	61.072				
SX3	0.0000	0.1469	0.000				
D2	0.2777	326.7413	325.762	F1		F3	
SX4	0.0000	0.1469	0.000	D1	119.8 mm	PPAC1	IN
Q7	0.6468	83.8527	84.490	ld	-134.9 mm	Rgt	49.9 mm
Q8	1.1259	87.5160	87.639	Rgt	5.0 mm	Lft	50.0 mm
Q9	1.0222	102.3996	102.546	Lft	5.0 mm	PPAC2	IN
Q10	1.1110	117.6582	119.020	Mon	Out	SSD	Out
Q11	1.4205	129.1429	127.313	Deg	Exp	Pla	IN
Q12	1.1106	117.6157	118.019	PPAC	Out	Lgt	
Focus	Brho	TR-F1	2.0300 Tm	Rot	0 deg		
F1-F2	2.0300 Tm	F2-F3	2.0300 Tm				

6:06, 04:2:15		prisca	
Run118			
Start	--	Sun Jun 6 01:58:38 2004	
Stop	--	Sun Jun 6 02:15:45 2004	
Scaler Name	:	Total	
UNGATED	:	769180	
GATED	:	583573	
NONE	:	9566	
F1PP T	:	39	
F2 SI	:	0	
CLEARs	:	583527	
F2PP T	:	761754	
F3PPA T	:	741471	
E1	:	747778	
PL 2	:	759790	
PL 3	:	760942	
CLOCK	:	1025506	
TGT NAI	:	1323426	
TGT BAF	:	2398	
MOMOTA	:	50241	
OKUNO	:	4494	
FC	:	2572	
MOMOTA1	:	714732	
MOMOTA2	:	87508208	
MOMOTA3	:	76760541	
OKUNO1	:	76355	
OKUNO2	:	18649	
OKUNO3	:	9440	
F3PPB T	:	726385	
LIVE TGT NAI	:	999611	
LIVE TGT BAF	:	1799	
LIVE MOMOTA	:	38130	
LIVE OKUNO	:	3484	
LIVE FC	:	2083	
LIVE MOMOTA1	:	545689	
LIVE MOMOTA2	:	66988200	
LIVE MOMOTA3	:	58794550	
LIVE OKUNO1	:	57802	
LIVE OKUNO2	:	14140	
LIVE OKUNO3	:	7253	
LIVE_CLOCK	:	786322	

Run number:	119	Tape: //	Name: AK
Description:	New Brho.		
Date:	6/6/04	Time:	
Brho1:	2.0700	Brho2:	2.0700
NMR1:	575.477	NMR2:	575.800
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	± 5 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca yes	SCA file r0119.kit
Trigger:	F1 PPAC/F1Plastic/ F2 Plastic		

U dE=	95.7	I dE=	0.35
U E1=	97.4	I E1=	1.23
U E2=	95.6	I E2=	0.29
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	- 748 V	NaI(Tl) 1=	600 V
F2_PPAC=	- 751 V	NaI(Tl) 2=	600
F3_PPACA=	- 755 V	NaI(Tl) 3=	600
F3_PPACB=	- 755 V	BaF=	1352.0

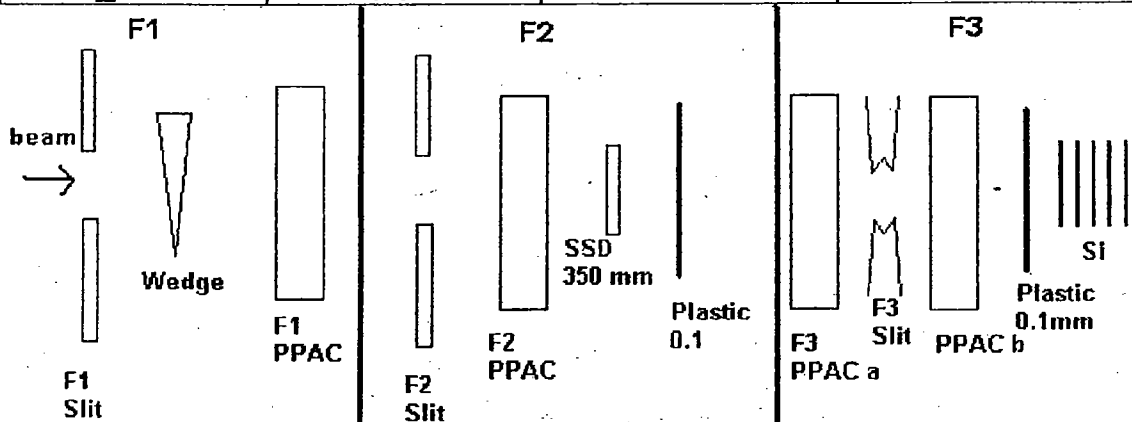


RIPS Control Summary			2004/06/06 02:34:12		
Parameter	Set Curr.	Read Curr.	Target	F2	
01	1.3167	134.8163	134.717	Tgt 95.8	mm
02	1.5337	107.6091	106.079	FC Out	mm
03	0.7725	102.1503	102.295	Up 24.0	mm
04	0.0000	0.1469	0.000	Dwn 24.0	mm
05	0.2777	320.3948	322.444	Rgt 24.0	mm
06	0.0000	0.1469	0.000	Lft 23.8	mm
07	0.5572	55.5515	55.511	Lgt	mm
08	0.7942	69.5701	69.691		
09	0.6197	61.9614	62.214		
10	0.0000	0.1469	0.021		
11	0.2777	333.1826	332.637		
12	0.0000	0.1469	0.000		
13	0.6468	85.5075	85.873		
14	1.1259	89.2361	89.458		
15	1.0222	104.4372	104.520		
16	1.1110	119.9791	121.356		
17	1.4205	131.6820	130.031		
18	1.1106	119.9358	120.355		
Focus			Brho	TA-F1	2.0700 Im
2.0700 Im			F2-F3	2.0700 Im	

Fri 06, 04 2:53		prisca
Run119		
Start -- Sun Jun 6 02:23:28 2004		
Stop -- Sun Jun 6 02:52:58 2004		
Scaler Name :	Total	
UNGATED :	1258526	
GATED :	968392	
NONE :	15874	
F1PP T :	52	
F2 SI :	0	
CLEARs :	968315	
F2PP T :	1258841	
F3PPA T :	1227975	
E1 :	1237875	
PL 2 :	1250857	
PL 3 :	1251883	
CLOCK :	1767687	
TGT NAI :	1496002	
TGT BAF :	2578	
MOMOTA :	55997	
OKUNO :	4945	
FC :	4342	
MOMOTA1 :	1197148	
MOMOTA2 :	150652332	
MOMOTA3 :	132155136	
OKUNO1 :	86065	
OKUNO2 :	21042	
OKUNO3 :	10531	
F3PPB T :	1209891	
LIVE TGT NAI :	1143403	
LIVE TGT BAF :	1946	
LIVE MOMOTA :	42984	
LIVE OKUNO :	3822	
LIVE FC :	3402	
LIVE MOMOTA1 :	927107	
LIVE MOMOTA2 :	116565264	
LIVE MOMOTA3 :	102308995	
LIVE OKUNO1 :	65885	
LIVE OKUNO2 :	16141	
LIVE OKUNO3 :	8123	
LIVE_CLOCK :	1370303	

Run number:	120	Tape:	11	Name:	ARC
Description:	Be(92) target				
Date:	6/6/04	Time:	2:58 a.m.		
Brho1:	2.0700	Brho2:	2.0700		
NMR1:	575.460	NMR2:	575.810		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	yes	SCA file 1-0/120.txt	
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-	95.7	I dE-	0.37
U E1-	97.4	I E1-	1.28
U E2-	95.6	I E2-	0.29
U E3-	95.3	I E3-	0.15
U E4-	95.4	I E4-	0.21
F1_PPAC=	- 748	NaI(Tl)_1=	600 ✓
F2_PPAC=	- 751	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0



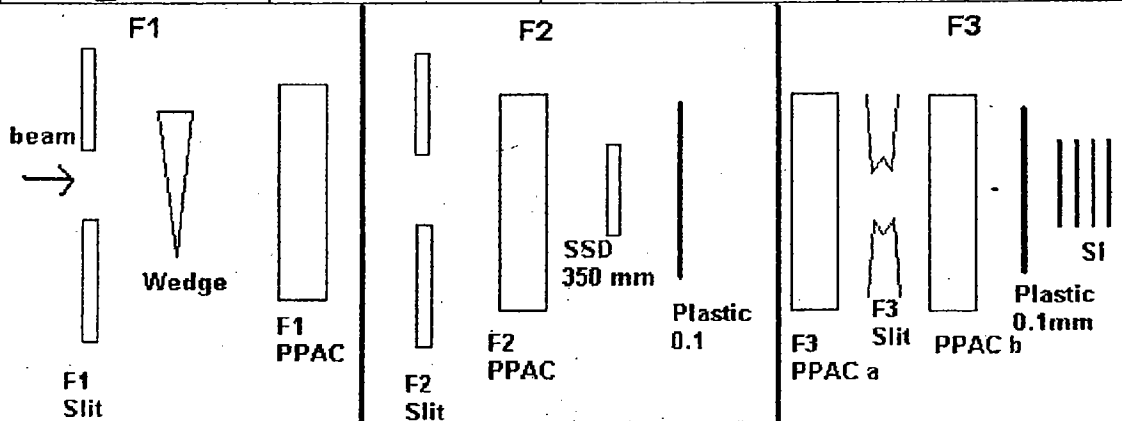
RIPS Control Summary				2004/06/06 03:09:19			
Parameter	Set	Curr.	Read	Target		F2	
Q1	1.3167	134.8163	134.828	Tgt	194.6	FC	Out
Q2	1.5337	107.6091	106.197	FC	Out	Rgt	50.1
Q3	0.7725	102.1503	101.949	Up	24.0	Lft	50.0
SX1	0.0000	0.1469	0.000	Dwn	24.0	PPAC	
D1	0.2777	320.3948	322.709	Rgt	24.0	SSD	-94.8
SX2	0.0000	0.1469	0.000	Lft	23.8	Out	
Q4	0.5572	55.5515	55.511	Lgt		Deg	-4.9
Q5	0.7942	69.5701	69.691			Pla	IN
Q6	0.6197	61.9614	62.214				
SX3	0.0000	0.1469	0.000				
D2	0.2777	333.1826	332.373	F1		F3	
SX4	0.0000	0.1469	0.000	Dl	119.8	PPAC1	IN
Q7	0.6468	85.5075	85.873	ld	-134.9	Rgt	49.9
Q8	1.1259	89.2361	89.458	Rgt	5.0	Lft	50.0
Q9	1.0222	104.4372	104.426	Lft	5.0	PPAC2	IN
Q10	1.1110	119.9791	121.689	Mom	Out	SSD	Out
Q11	1.4205	131.6820	130.167	Deg	Emp	Pla	IN
Q12	1.1106	119.9358	120.466	PPAC	Out	Lgt	
Focus		Brho	TA-F1 2.0700	Im	Rot	0	deg.
	F2 2.0700	Im	F2-F3 2.0700	Im			

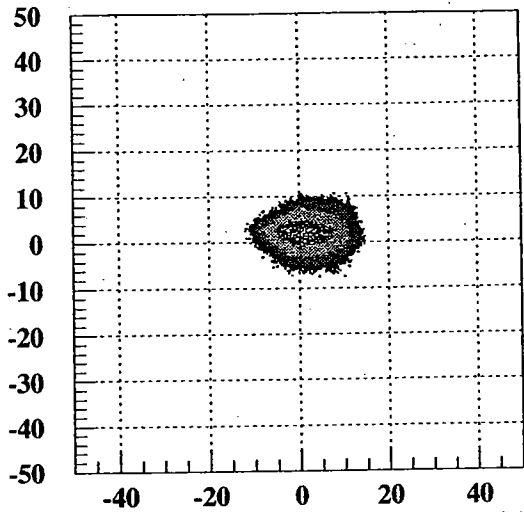
6*06_04:3:28		prisca	
Run120			
Start -- Sun Jun 6 02:58:14 2004			
Stop -- Sun Jun 6 03:28:20 2004			
Scaler Name :	Total		
UNGATED :	1678924		
GATED :	1206630		
NONE :	19778		
F1PP_T :	25		
F2_SI :	0		
CLEARs :	1206459		
F2PP_T :	1748691		
F3PPA_T :	1682949		
E1 :	1615022		
PL_2 :	1691504		
PL_3 :	1708259		
CLOCK :	1803287		
TGT_NAI :	248489		
TGT_BAF :	512		
MOMOTA :	4431		
OKUNO :	90		
FC :	4304		
MOMOTA1 :	1101679		
MOMOTA2 :	152465250		
MOMOTA3 :	133750143		
OKUNO1 :	3327		
OKUNO2 :	702		
OKUNO3 :	587		
F3PPB_T :	1683049		
LIVE_TGT_NAI :	175069		
LIVE_TGT_BAF :	350		
LIVE_MOMOTA :	3201		
LIVE_OKUNO :	60		
LIVE_FC :	3242		
LIVE_MOMOTA1 :	798232		
LIVE_MOMOTA2 :	110382924		
LIVE_MOMOTA3 :	96910680		
LIVE_OKUNO1 :	2356		
LIVE_OKUNO2 :	497		
LIVE_OKUNO3 :	430		
LIVE_CLOCK :	1308288		

Att. 1/100

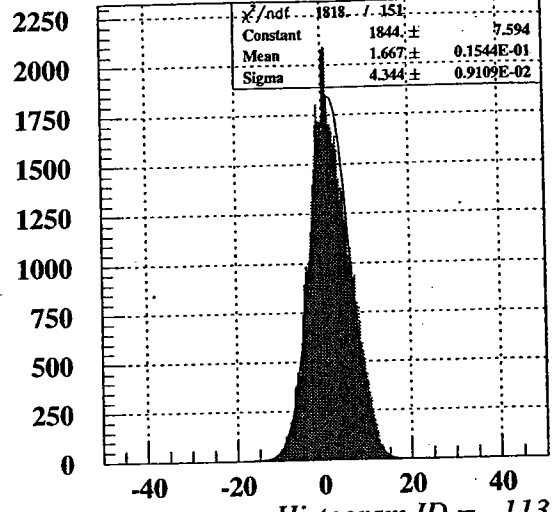
Run number:	121	Tape:	11	Name:	AC
Description:	New Brho				
Date:	6/6/04	Time:	3:34		
Brho1:	2.0900	Brho2:	2.0900		
NMR1:	580.975	NMR2:	581.350		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca yes	SCA file run002114		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.7 95.7	U dE=	0.36
U E1=	97.6	U E1=	1.32
U E2=	95.6	U E2=	0.29
U E3=	95.3	U E3=	0.15
U E4=	95.4	U E4=	0.21
F1_PPAC=	- 748	NaI(Tl)_1=	600
F2_PPAC=	- 751	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0

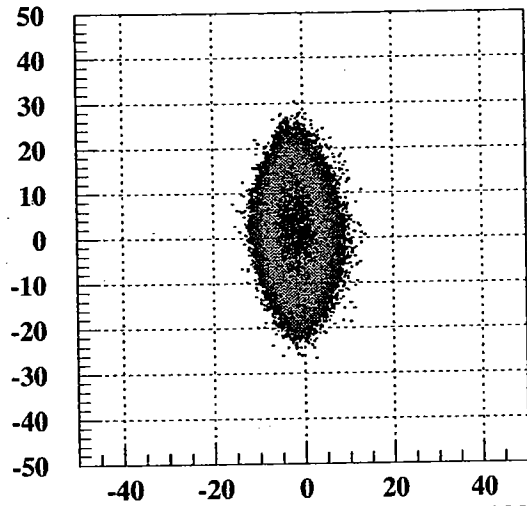




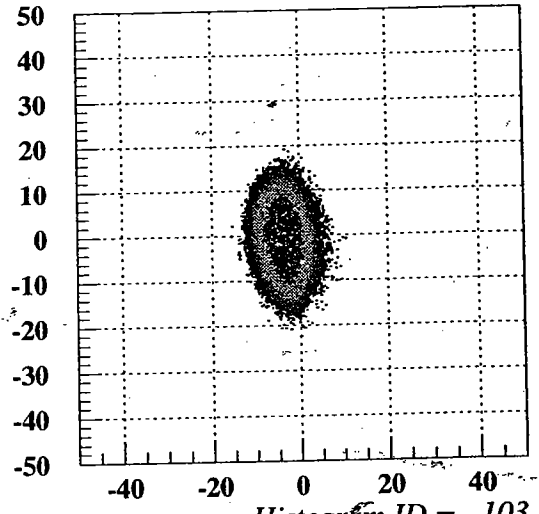
Histogram ID = 101
pc2 xy



Histogram ID = 113
Prox.(pc2 xy)



Histogram ID = 102
pc3a xy



Histogram ID = 103
pc3b xy

```

F2PP_T : 1220549
F3PPA_T : 1176452
E1 : 1139772
PL_2 : 1182307
PL_3 : 1194175
CLOCK : 1775251
TGT_NAI : 128971
TGT_BAF : 287
MOMOTA : 2239
OKUNO : 46
FC : 4183
MOMOTA1 : 1089499
MOMOTA2 : 150159044
MOMOTA3 : 131680741
OKUNO1 : 1806
OKUNO2 : 412
OKUNO3 : 326
F3PPB_T : 1176570
LIVE_TGT_NAI : 98249
LIVE_TGT_BAF : 224
LIVE_MOMOTA : 1775
LIVE_OKUNO : 37
LIVE_FC : 3368
LIVE_MOMOTA1 : 857027
LIVE_MOMOTA2 : 118088587
LIVE_MOMOTA3 : 103608145
LIVE_OKUNO1 : 1422
LIVE_OKUNO2 : 325
LIVE_OKUNO3 : 255
LIVE_CLOCK : 1398445

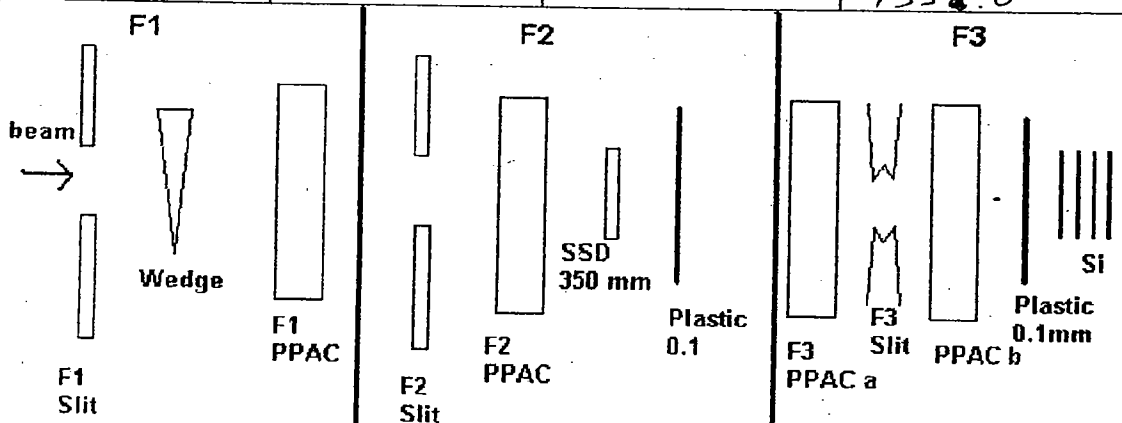
```


RIPS Control Summary				2004/06/06 03:45:22			
Parameter	Set Curr.	Read Curr.	Target	F2			
Q1	1.3167	136.1286	135.942	Tgt 194.6	mm	FC	Out
Q2	1.5337	108.6506	107.147	FC	Out	Rgt	50.1 mm
Q3	0.7725	103.1385	103.508	Up	24.0 mm	Lft	50.0 mm
SX1	0.0000	0.1469	0.000	Dwn	24.0 mm	PPAC	
D1	0.2777	323.4966	325.618	Rgt	24.0 mm	SSD	-94.8 mm
SX2	0.0000	0.1469	0.000	Lft	23.8 mm	Deg	Out
Q4	0.5572	56.1036	56.057	Lgt		Pla	-4.9 deg
Q5	0.7942	70.2573	70.434				
Q6	0.6197	62.5755	62.813				
SX3	0.0000	0.1469	0.000				
D2	0.2777	336.4032	335.810	F1		F3	
SX4	0.0000	0.1469	0.000	Dl	119.8 mm	PPAC1	IN
Q7	0.6468	86.3349	86.930	ld	-134.9 mm	Rgt	49.9 mm
Q8	1.1259	90.0962	90.407	Rgt	5.0 mm	Lft	50.0 mm
Q9	1.0222	105.4560	105.460	Lft	5.0 mm	PPAC2	IN
Q10	1.1110	121.1395	122.579	Mom	Out	SSD	Out
Q11	1.4205	132.9515	131.118	Deg	Exp	Pla	IN
Q12	1.1106	121.0958	121.689	PPAC	Out	Lgt	
Focus	Brho	TA-F1	2.0900	Im	Rot	0	deg
F1-F2	2.0900	Im	F2-F3	2.0900	Im		

6*06,04 4:04		prisca
Run121		
Start	-- Sun Jun 6 03:34:15 2004	
Stop	-- Sun Jun 6 04:03:53 2004	
Scaler Name :	Total	
UNGATED :	1174941	
GATED :	920307	
NONE :	15086	
F1PP T :	80	
F2 SI :	0	
CLEARs :	920247	
F2PP T :	1220549	
F3PPA T :	1176452	
E1 :	1139772	
PL 2 :	1182307	
PL 3 :	1194175	
CLOCK :	1775251	
TGT NAI :	128971	
TGT BAF :	287	
MOMOTA :	2239	
OKUNO :	46	
FC :	4183	
MOMOTA1 :	1089499	
MOMOTA2 :	150159044	
MOMOTA3 :	131680741	
OKUNO1 :	1806	
OKUNO2 :	412	
OKUNO3 :	326	
F3PPB T :	1176570	
LIVE TGT NAI :	98249	
LIVE TGT BAF :	224	
LIVE MOMOTA :	1775	
LIVE OKUNO :	37	
LIVE FC :	3368	
LIVE MOMOTA1 :	857027	
LIVE MOMOTA2 :	118088587	
LIVE MOMOTA3 :	103608145	
LIVE OKUNO1 :	1422	
LIVE OKUNO2 :	325	
LIVE OKUNO3 :	255	
LIVE_CLOCK :	1398445	

Run number:	122	Tape: #	Name: AR
Description:	New target Ta(166).		
Date:	6/6/04	Time:	4:11 a.m.
Brho1:	2.0900	Brho2:	2.0900
NMR1:	580.971	NMR2:	581.350
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	± 5 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca	SCA file
Trigger:	F1 PPAC/F1Plastic/ F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE=	95.7	I dE=	0.36
U E1=	97.7	I E1=	1.35
U E2=	95.6	I E2=	0.30
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748 ✓	NaI(Tl)_1=	600 ✓
F2_PPAC=	-751	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	1352.0



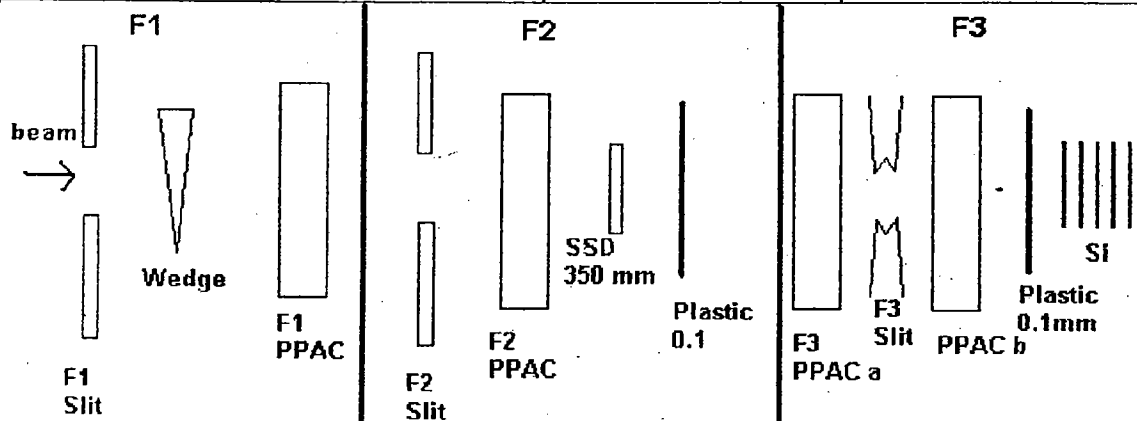
RIPS Control Summary				2004/06/06 04:23:34			
Parameter	Set Curr.	Read Curr.	Target	F2			
Q1	1.3167	136.1286	136.165	Tgt 95.9	mm	FC	Out
Q2	1.5337	108.6506	107.028	FC	Out	Rgt	50.0 mm
Q3	0.7725	103.1385	103.595	Up 24.0	mm	Lft	50.0 mm
SX1	0.0000	0.1469	0.000	Dwn 24.0	mm	PPAC	
D1	0.2777	323.4966	325.354	Rgt 24.0	mm	SSD	-94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8	mm	Deg	Out -4.9 deg.
Q4	0.5572	56.1036	56.111	Lgt		Pla	IN
Q5	0.7942	70.2573	70.310				
Q6	0.6197	62.5755	62.867				
SX3	0.0000	0.1469	0.000				
D2	0.2777	336.4032	335.281	F1		F3	
SX4	0.0000	0.1469	0.000	D1 119.8	mm	PPAC1	IN
Q7	0.6468	86.3349	86.767	ld -135.1	mm	Rgt	49.9 mm
Q8	1.1259	90.0962	90.328	Rgt 5.0	mm	Lft	50.0 mm
Q9	1.0222	105.4560	105.460	Lft 5.0	mm	PPAC2	IN
Q10	1.1110	121.1395	122.579	Mom Out		SSD	Out
Q11	1.4205	132.9515	131.254	Deg Emp		Pla	IN
Q12	1.1106	121.0958	121.912	PPAC Out		Lgt	
Focus	Brho	TA-F1 2.0900	Tm	Rot 0	deg.		
F1-F2 2.0900	Tm	F2-F3 2.0900	Tm				

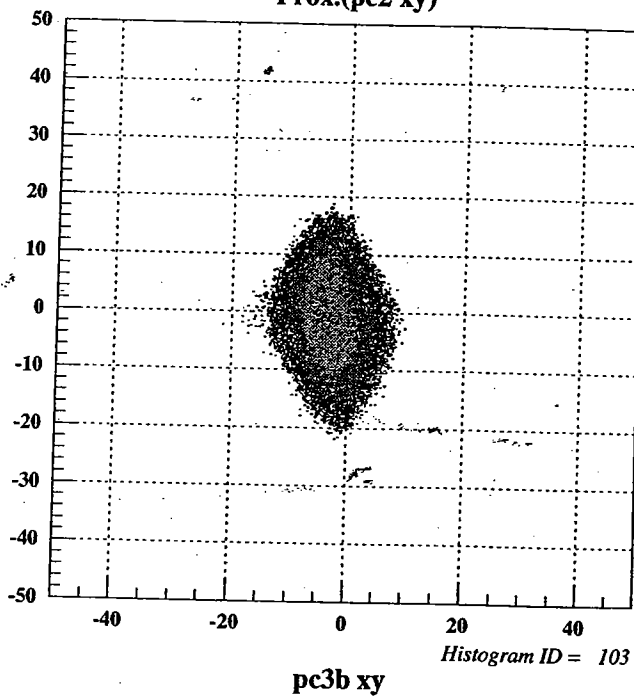
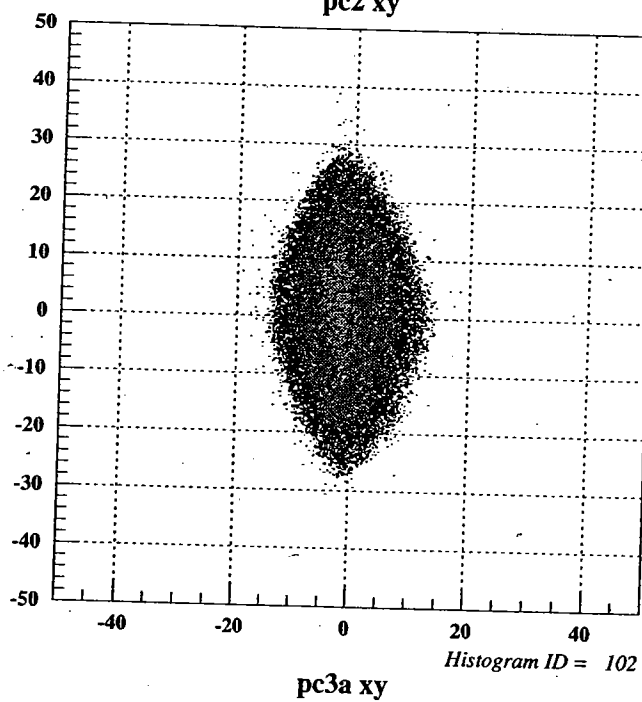
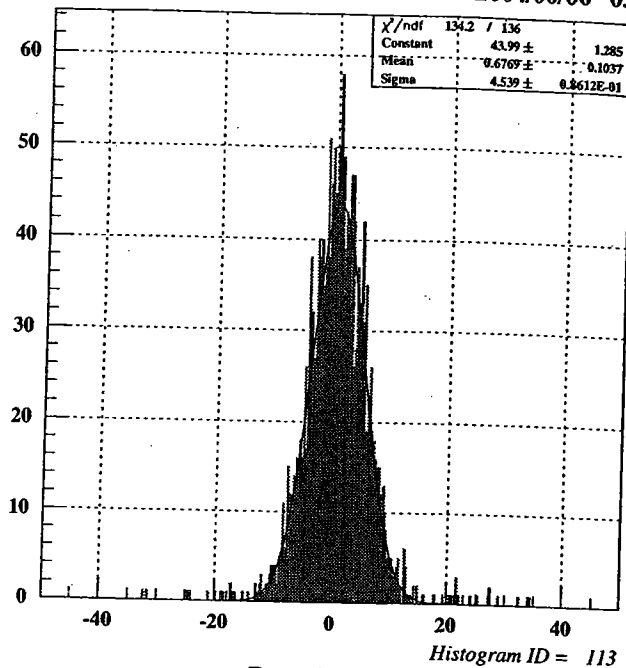
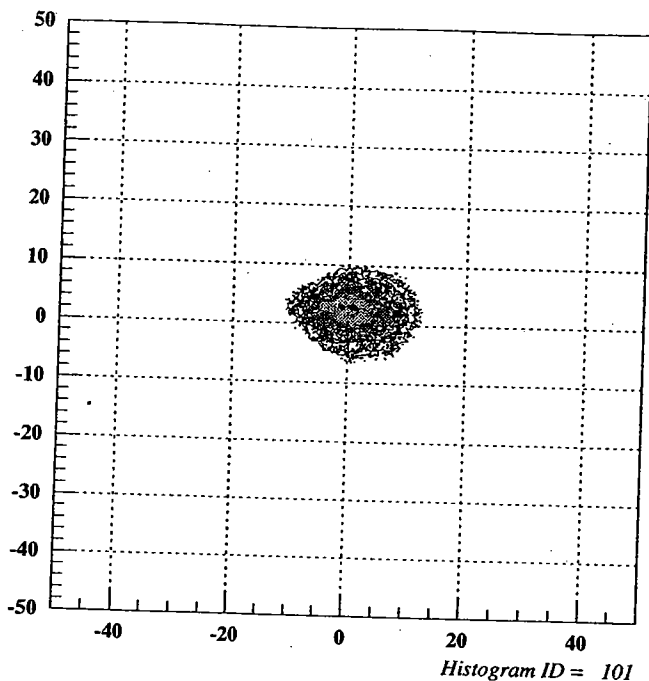
6-06, 04:43		r0122.txt	
Run122			
Start	--	Sun Jun 6 04:11:49 2004	
Stop	--	Sun Jun 6 04:40:55 2004	
Scaler Name :		Total	
	UNGATED :	1476470	
	GATED :	1093104	
	NONE :	17918	
	F1PP_T :	66	
	F2_SI :	0	
	CLEARs :	1092999	
	F2PP_T :	1481738	
	F3PPA_T :	1447094	
	E1 :	1455162	
	PL_2 :	1470807	
	PL_3 :	1472134	
	CLOCK :	1743296	
	TGT_NAI :	1460925	
	TGT_BAF :	2600	
	MOMOTA :	55002	
	OKUNO :	5003	
	FC :	3991	
	MOMOTA1 :	1173422	
	MOMOTA2 :	148918150	
	MOMOTA3 :	130620337	
	OKUNO1 :	84407	
	OKUNO2 :	20574	
	OKUNO3 :	10536	
	F3PPB_T :	1428530	
	LIVE_TGT_NAI :	1073525	
	LIVE_TGT_BAF :	1875	
	LIVE_MOMOTA :	40501	
	LIVE_OKUNO :	3692	
	LIVE_FC :	3065	
	LIVE_MOMOTA1 :	870034	
	LIVE_MOMOTA2 :	110433751	
	LIVE_MOMOTA3 :	96929576	
	LIVE_OKUNO1 :	62197	
	LIVE_OKUNO2 :	15159	
	LIVE_OKUNO3 :	7770	
	LIVE_CLOCK :	1294518	

Att 1/100

Run number:	123	Tape: 12	Name: Arc
Description:	New Brho.		
Date:	6/6/04	Time:	5:02 a.m.
Brho1:	2.1100	Brho2:	2.1100
NMR1:	586.448	NMR2:	586.763
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	\pm 5 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca	SCA file
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE=	95.7	I dE=	0.34
U E1=	99.7	I E1=	1.32
U E2=	95.6	I E2=	0.30
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-750	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	1352.0





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MOMOTA : 11533
OKUNO : 1053
FC : 884
MOMOTA1 : 256004
MOMOTA2 : 33166989
MOMOTA3 : 29086585
OKUNO1 : 17593
OKUNO2 : 4256
OKUNO3 : 2293
F3PPB T : 360725
LIVE_TGT_NAI : 221703
LIVE_TGT_BAF : 371
LIVE_MOMOTA : 7681
LIVE_OKUNO : 703
LIVE_FC : 640
LIVE_MOMOTA1 : 178804
LIVE_MOMOTA2 : 23289889
LIVE_MOMOTA3 : 20437364
LIVE_OKUNO1 : 11746
LIVE_OKUNO2 : 2832
LIVE_OKUNO3 : 1528
LIVE_CLOCK : 273268
    
```

RTS Control Summary				2004/06/06 05:14:51	
Parameter	Set Curr.	Read Curr.	Target	F1	F2
Q1	1.3167	137.4409	137.502	Tgt 95.9 mm	FC Out
Q2	1.5337	109.6922	108.096	FC Out	Rgt 50.0 mm
Q3	0.7725	104.1267	104.028	Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Dwn 24.0 mm	PPAG
Q4	0.2777	326.5984	329.057	Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
Q4	0.5572	56.6558	56.602	Lgt	Pla IN deg.
Q5	0.7942	70.9444	71.177		
Q6	0.6197	63.1896	63.302		
SX3	0.0000	0.1469	0.000	F1	F3
Q2	0.2777	339.5592	338.983	Dl 119.8 mm	PPAG1 IN
SX4	0.0000	0.1469	0.000	ld -135.1 mm	Rgt 49.9 mm
Q7	0.6468	87.1623	87.987	Rgt 5.0 mm	Lft 50.0 mm
Q8	1.1259	90.9562	91.356	Lft 5.0 mm	PPAG2 IN
Q9	1.0222	106.4748	106.494	Mon Out	SSD Out
Q10	1.1110	122.3000	124.025	Deg Exp	Pla IN
Q11	1.4205	134.2210	132.884	PPAG Out	Lgt
Q12	1.1106	122.2558	122.802	Rot 0 deg.	
Focus	Brho	Fa-F1 2.1100	Im		
F1-F2 2.1100	Im	F2-F3 2.1100	Im		exit

6*06, 04 5:10 prisca

Run123
 Start -- Sun Jun 6 05:02:23 2004
 Stop -- Sun Jun 6 05:08:52 2004

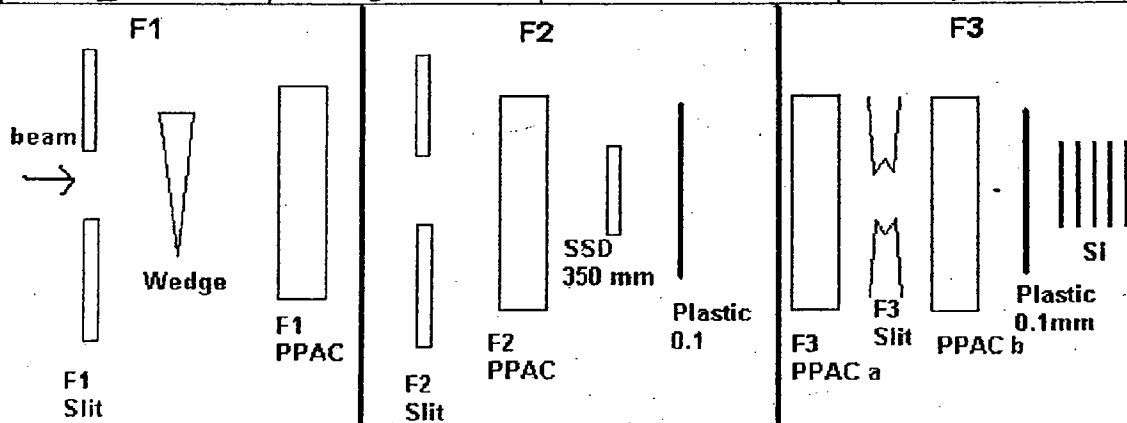
Scaler Name :	Total
UNGATED :	371131
GATED :	248191
NONE :	4068
F1PP T :	7
F2 SI :	0
CLEARs :	248149
F2PP T :	372896
F3PPA T :	364744
E1 :	369974
PL 2 :	370167
PL 3 :	370407
CLOCK :	388469
TGT_NAI :	331113
TGT_BAF :	519
MOMOTA :	11533
OKUNO :	1053
FC :	884
MOMOTA1 :	256004
MOMOTA2 :	33166989
MOMOTA3 :	29086585
OKUNO1 :	17593
OKUNO2 :	4256
OKUNO3 :	2293
F3PPB T :	360725
LIVE TGT_NAI :	221703
LIVE TGT_BAF :	371
LIVE MOMOTA :	7681
LIVE OKUNO :	703
LIVE FC :	640
LIVE MOMOTA1 :	178804
LIVE MOMOTA2 :	23289889
LIVE MOMOTA3 :	20437364
LIVE OKUNO1 :	11746
LIVE OKUNO2 :	2832
LIVE OKUNO3 :	1528
LIVE_CLOCK :	273268

* Run stopped early.
 due to beam adjustment

ATA-1/100

Run number:	124	Tape:	12	Name:	AK
Description:	Same as run 123				
Date:	6/6/04	Time:	5:13 a.m.		
Brho1:	2.1100	Brho2:	2.1100		
NMR1:	586.498	NMR2:	586.765		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca yes	SCA file 0629-14		
Trigger:	F1 PPAC/F1 Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.7	I dE=	0.34
U E1=	97.7	I E1=	1.37
U E2=	95.6	I E2=	0.31
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl) 1=	600
F2_PPAC=	-751	NaI(Tl) 2=	600
F3_PPACA=	-755	NaI(Tl) 3=	600
F3_PPACB=	-755	BaF=	1352.0

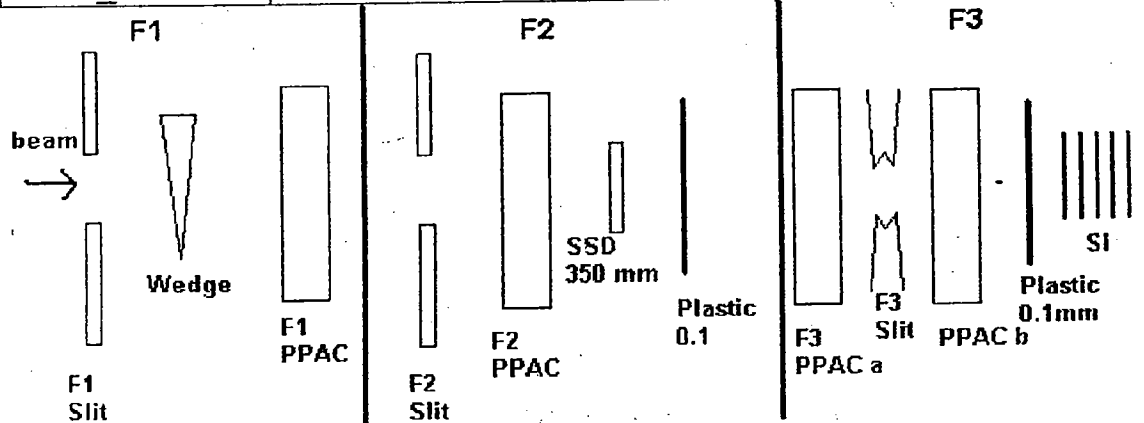


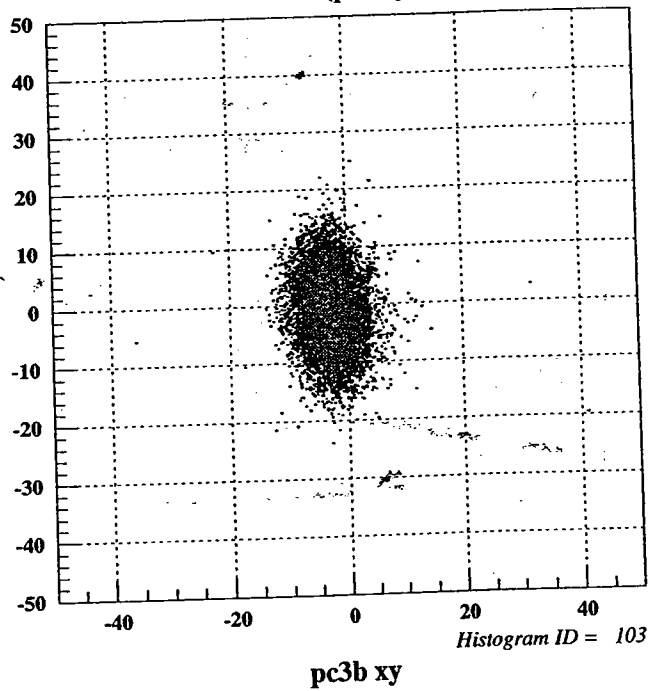
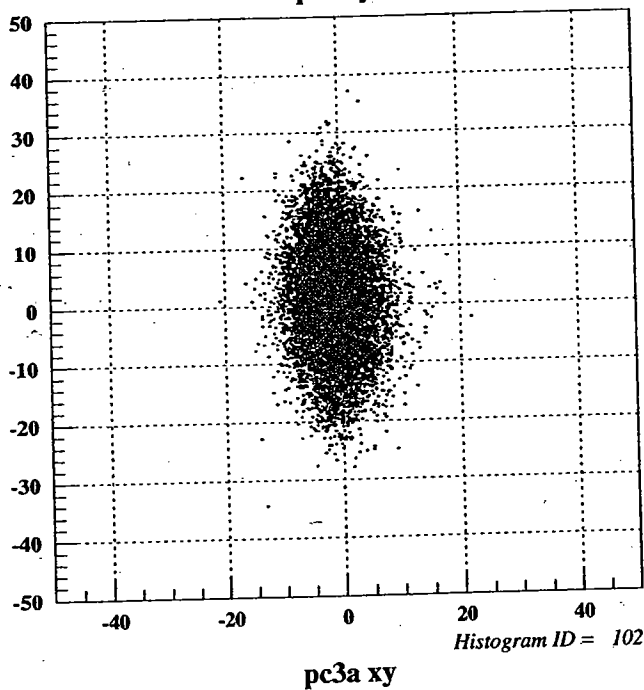
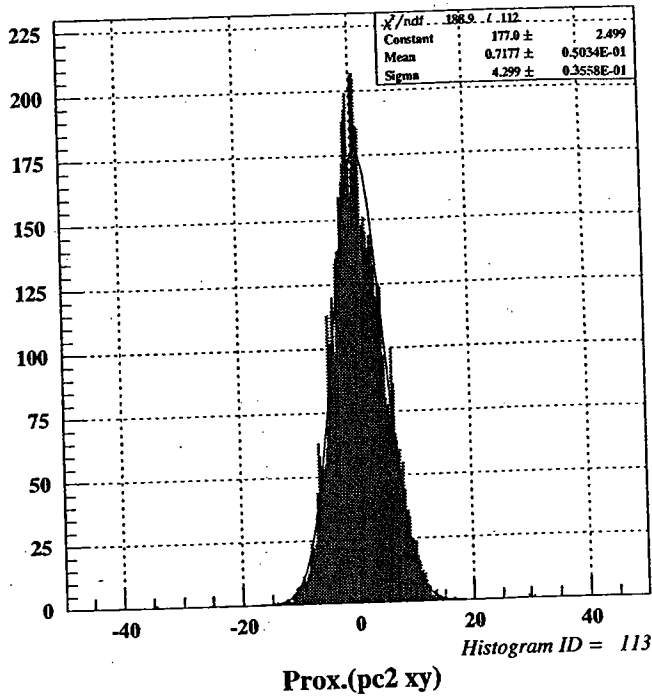
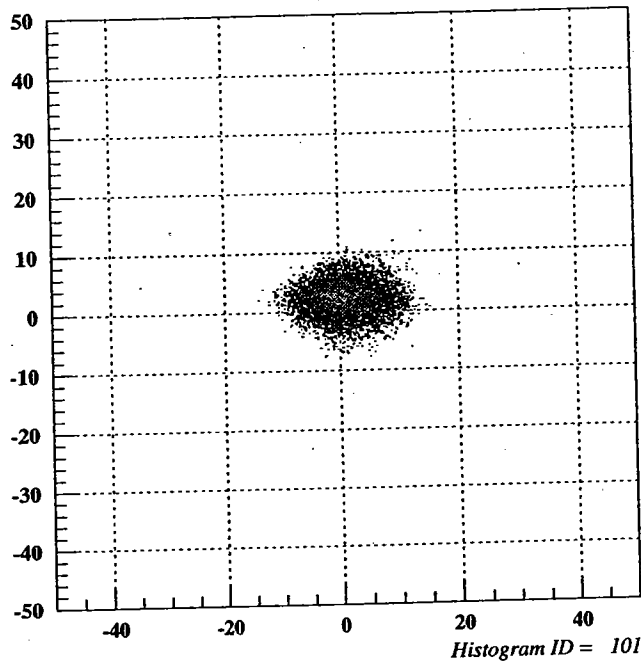
RIPS Control Summary				2004/06/06 05:25:02	
Parameter	Set Curr.	Read Curr.	Target	F2	
Q1	1.3167	137.4409	137.502	Tgt 95.8	mm
Q2	1.5337	109.6922	108.452	FC Out	Rgt 50.0 mm
Q3	0.7725	104.1267	104.547	Up 24.0	mm
SX1	0.0000	0.1469	0.000	Dem 24.0	mm
D1	0.2777	326.5984	329.057	Rgt 24.0	mm
SX2	0.0000	0.1469	0.000	Lft 23.8	mm
Q4	0.5572	56.6558	56.656	Lgt	Pls IN
Q5	0.7942	70.9444	71.115	F1	
Q6	0.6197	63.1896	63.465	D1 -119.8	mm
SX3	0.0000	0.1469	0.000	Ld -135.1	mm
D2	0.2777	339.5592	338.983	Rgt 5.0	mm
SX4	0.0000	0.1469	0.000	Lft 5.0	mm
Q7	0.6468	87.1623	87.824	Mom Out	SSD Out
Q8	1.1259	90.9562	91.119	Deg Cap	Pls IN
Q9	1.0222	106.4748	106.870	PPAC Out	Lgt
Q10	1.1110	122.3000	123.803	Rot 0	deg.
Q11	1.4205	134.2210	132.884	F3	
Q12	1.1106	122.2558	122.913	PPAC1	IN
Focus	Rho	Ta-F1	2.1100	Rgt	49.9 mm
F1-F2	2.1100	In	F2-F3	2.1100	In
				Lft	50.0 mm
				PPAC2	IN

6-06, 04 5:38		prisca
Run124		
Start	-- Sun Jun 6 05:13:41 2004	
Stop	-- Sun Jun 6 05:38:02 2004	
Scaler Name :	Total	
UNGATED :	1013692	
GATED :	780377	
NONE :	12792	
F1PP T :	44	
F2 SI :	0	
CLEARs :	780313	
F2PP T :	1016598	
F3PPA T :	993883	
E1 :	1002195	
PL 2 :	1008494	
PL 3 :	1008540	
CLOCK :	1458654	
TGT NAI :	848792	
TGT BAF :	1494	
MOMOTA :	31762	
OKUNO :	2902	
FC :	3337	
MOMOTA1 :	927928	
MOMOTA2 :	124507182	
MOMOTA3 :	109178189	
OKUNO1 :	48557	
OKUNO2 :	11862	
OKUNO3 :	6075	
F3PPB T :	983036	
LIVE TGT NAI :	648955	
LIVE TGT BAF :	1156	
LIVE MOMOTA :	24332	
LIVE OKUNO :	2268	
LIVE FC :	2717	
LIVE MOMOTA1 :	722128	
LIVE MOMOTA2 :	97054630	
LIVE MOMOTA3 :	85158590	
LIVE OKUNO1 :	37362	
LIVE OKUNO2 :	9118	
LIVE OKUNO3 :	4686	
LIVE CLOCK :	1138472	

Run number:	125	Tape:	12	Name:	AC
Description:	New target				
Date:	6/6/04	Time:	5:47 a.m.		
Brho1:	2.1100	Brho2:	2.1100		
NMRI:	586 586.497	NMR2:	586.771		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes /no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.7	I dE=	0.38
U E1=	97.8	I E1=	1.38
U E2=	95.6	I E2=	0.21
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	- 748	NaI(Tl) 1=	600
F2_PPAC=	- 751	NaI(Tl) 2=	600
F3_PPACA=	- 755	NaI(Tl) 3=	600
F3_PPACB=	- 755	BaF=	1352.0





```

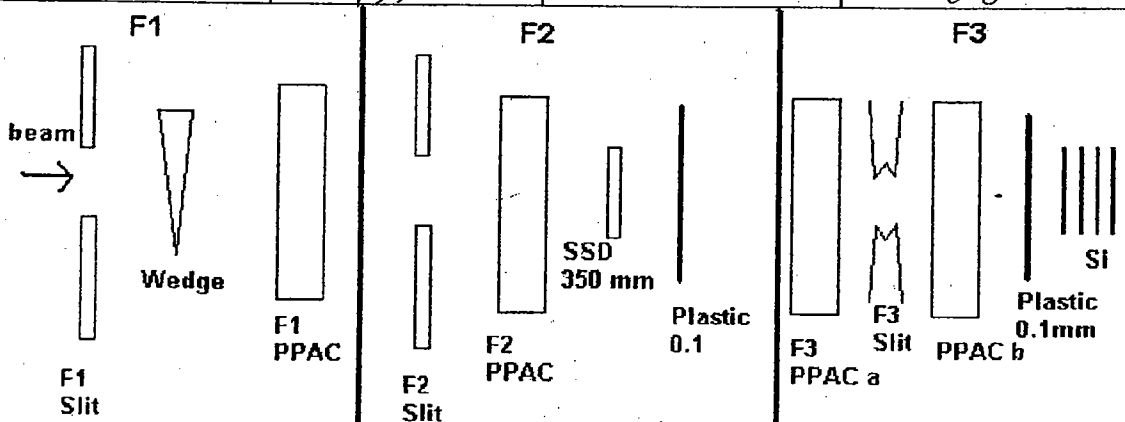
MOMOTA : 2237
OKUNO : 55
FC : 3946
MOMOTA1 : 987281
MOMOTA2 : 145394369
MOMOTA3 : 127336089
OKUNO1 : 1699
OKUNO2 : 414
OKUNO3 : 354
F3PPB T : 1455653
LIVE_TGT_NAI : 90803
LIVE_TGT_BAF : 198
LIVE_MOMOTA : 1675
LIVE_OKUNO : 41
LIVE_FC : 3041
LIVE_MOMOTA1 : 733678
LIVE_MOMOTA2 : 107764304
LIVE_MOMOTA3 : 94449111
LIVE_OKUNO1 : 1267
LIVE_OKUNO2 : 298
LIVE_OKUNO3 : 263
LIVE_CLOCK : 1266764
    
```

RIPS Control Summary				2004/06/06 05:58:07	
Parameter	Set Curr.	Read Curr.	Target	F2	
Q1	1.3167	137.440	137.614	Tgt 194.5	mm
Q2	1.5337	109.692	108.452	FC Out	Rgt 50.0
Q3	0.7725	104.126	104.461	FC Out	Lft 50.0
SX1	0.0000	0.1469	0.000	Up 24.0	mm
D1	0.2777	326.598	329.322	Dwn 24.0	mm
SX2	0.0000	0.1469	0.000	Rgt 24.0	mm
Q4	0.5572	56.6558	56.656	Lft 23.8	mm
Q5	0.7942	70.9444	71.115	Lft	deg
Q6	0.6197	63.1896	63.411	Plt	IN
SX3	0.0000	0.1469	0.000	F1	
D2	0.2777	339.559	271.028	D1 119.8	mm
SX4	0.0000	0.1469	0.000	Id -135.1	mm
Q7	0.6468	87.1623	87.905	Rgt 5.0	mm
Q8	1.1259	90.9562	91.198	Lft 50.0	mm
Q9	1.0222	106.474	106.494	Lft 5.0	mm
Q10	1.1110	122.300	123.803	Mon Out	PPAG1 IN
Q11	1.4205	134.221	132.884	Deg Exp	Rgt 49.9
Q12	1.1106	122.255	122.913	PPAG Out	Lft 50.0
Focus				Rot 0	deg
F1-F2 2.1100				Im	
F2-F3 2.1100				Im	

6:06, 04 6:15		prisca
Run125		
Start -- Sun Jun 6 05:47:09 2004		
Stop -- Sun Jun 6 06:15:38 2004		
Scaler Name :	Total	
UNGATED :	1452149	
GATED :	1071788	
NONE :	17568	
F1PP_T :	51	
F2_SI :	0	
CLEAR_S :	1071649	
F2PP_T :	1504909	
F3PPA_T :	1455536	
E1 :	1391898	
PL_2 :	1462248	
PL_3 :	1476554	
CLOCK :	1706356	
TGT_NAI :	126614	
TGT_BAF :	272	
MOMOTA :	2237	
OKUNO :	55	
FC :	3946	
MOMOTA1 :	987281	
MOMOTA2 :	145394369	
MOMOTA3 :	127336089	
OKUNO1 :	1699	
OKUNO2 :	414	
OKUNO3 :	354	
F3PPB_T :	1455653	
LIVE_TGT_NAI :	90803	
LIVE_TGT_BAF :	198	
LIVE_MOMOTA :	1675	
LIVE_OKUNO :	41	
LIVE_FC :	3041	
LIVE_MOMOTA1 :	733678	
LIVE_MOMOTA2 :	107764304	
LIVE_MOMOTA3 :	94449111	
LIVE_OKUNO1 :	1267	
LIVE_OKUNO2 :	298	
LIVE_OKUNO3 :	263	
LIVE_CLOCK :	1266764	

Run number:	126	Tape:	12	Name:	AR
Description:	New Brho				
Date:	6/6/04	Time:	6:21 a.m.		
Brho1:	2.1300	Brho2:	2.1300		
NMR1:	592.033	NMR2:	592.241		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8 v	I dE=	0.38 μA
U E1=	97.9	I E1=	1.46
U E2=	95.6	I E2=	0.31
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21 μA
F1_PPAC=	-748 v	NaI(Tl)_1=	600 μA
F2_PPAC=	-751	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	1352.0



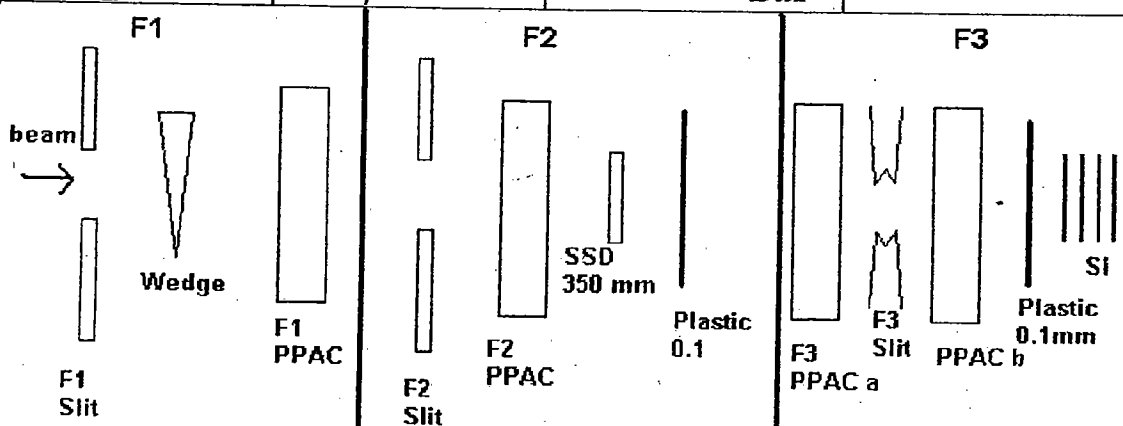
RIPS Control Summary				2004/06/06 06:37:34	
Parameter	Set Curr.	Read Curr.	Target	F2	
Q1	1.3167	138.7532	138.728	FC	Out
Q2	1.5337	110.7337	109.282	Rgt	50.0 mm
Q3	0.7725	105.1149	105.154	Lft	50.0 mm
SX1	0.0000	0.1469	0.000	PPAC	
D1	0.2777	329.7002	332.231	SSD	-94.8 mm
SX2	0.0000	0.1469	0.000	Deg	-4.9 deg.
Q4	0.5572	57.2079	57.202	Plg	IN
Q5	0.7942	71.6316	71.796		
Q6	0.6197	63.8037	64.009		
SX3	0.0000	0.1469	0.000		
D2	0.2777	342.7475	342.156	F1	
SX4	0.0000	0.1469	0.000	D1	119.8 mm
Q7	0.6468	87.9898	88.800	Id	-135.1 mm
Q8	1.1259	91.8163	92.226	Rgt	5.0 mm
Q9	1.0222	107.4936	107.716	Lft	5.0 mm
Q10	1.1110	123.4605	124.804	Mom	Out
Q11	1.4205	135.4900	133.563	Deg	Exp
Q12	1.1106	123.4159	124.248	PPAC	Out
Focus				Rot	0 deg.
F1-F2	2.1300				
F2-F3	2.1300				

6:06, 04 6:42		prisca	
Run126			
Start	--	Sun Jun 6	06:21:59 2004
Stop	--	Sun Jun 6	06:42:28 2004
Scaler Name :		Total	
UNGATED :		785374	
GATED :		619321	
NONE :		10152	
F1PP T :		30	
F2 SI :		0	
CLEARs :		619273	
F2PP T :		810427	
F3PPA T :		786616	
E1 :		758610	
PL 2 :		790113	
PL 3 :		797788	
CLOCK :		1227522	
TGT NAI :		54333	
TGT_BAF :		150	
MOMOTA :		974	
OKUNO :		15	
FC :		2822	
MOMOTA1 :		760767	
MOMOTA2 :		104820576	
MOMOTA3 :		91861529	
OKUNO1 :		756	
OKUNO2 :		166	
OKUNO3 :		149	
F3PPB T :		786630	
LIVE TGT NAI :		41492	
LIVE TGT_BAF :		120	
LIVE MOMOTA :		762	
LIVE OKUNO :		11	
LIVE FC :		2313	
LIVE MOMOTA1 :		602565	
LIVE MOMOTA2 :		83028471	
LIVE MOMOTA3 :		72804127	
LIVE OKUNO1 :		601	
LIVE OKUNO2 :		134	
LIVE OKUNO3 :		122	
LIVE_CLOCK :		973753	

Att. $\frac{1}{6000}$

Run number:	127	Tape:	12	Name:	AR
Description:	New target				
Date:	6/6/04	Time:	6:48 a.m.		
Brho1:	2.1300	Brho2:	2.1300		
NMR1:	592.028	NMR2:	592.237		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.37
U E1=	97.9	I E1=	1.47
U E2=	95.6	I E2=	0.31
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748 V	NaI(Tl)_1=	600 V
F2_PPAC=	-751	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	



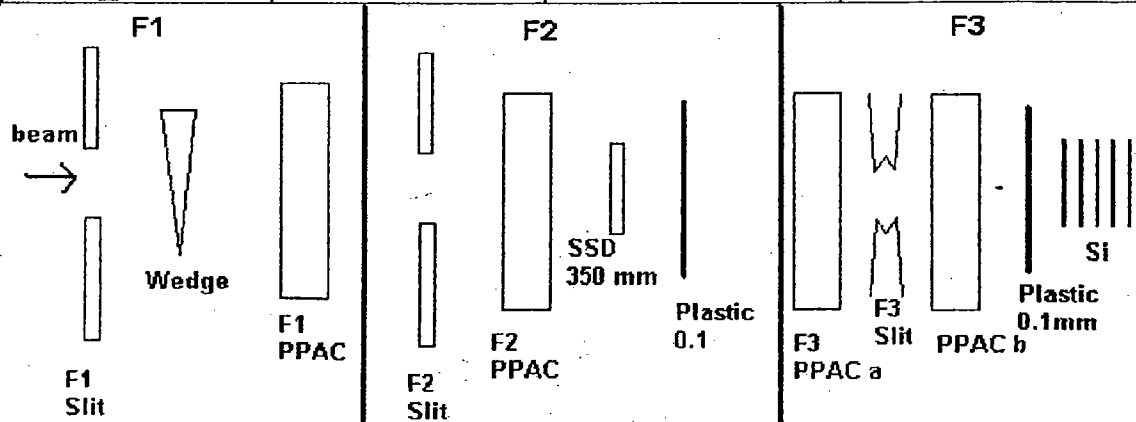
RIPS Control Summary				2004/06/06 06:59:18			
Parameter	Set	Curr.	Read	Target	F2		
Q1	1.3167	138.7532	138.728	Tgt 96.5 mm	FC	Out	
Q2	1.5337	110.7337	109.045	FC Out	Rgt	50.1	mm
Q3	0.7725	105.1149	105.414	Up 24.0 mm	Lft	50.0	mm
SX1	0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC		
U1	0.2777	329.7002	332.231	Rgt 24.0 mm	SSD	-94.8	mm
SX2	0.0000	0.1469	0.026	Lft 23.8 mm	Out		
Q4	0.5572	57.2079	57.256	Lgt	Deg	-4.9	deg.
Q5	0.7942	71.6316	71.734		Pla		IN
Q6	0.6197	63.8037	64.064				
SX3	0.0000	0.1469	0.000				
D2	0.2777	342.7475	342.156	F1	F3		
SX4	0.0000	0.1469	0.000	D1 119.8 mm	PPAC1		IN
Q7	0.6468	87.9898	88.800	Id -135.1 mm	Rgt	49.9	mm
Q8	1.1259	91.8163	91.910	Rgt 5.0 mm	Lft	50.0	mm
Q9	1.0222	107.4936	107.528	Lft 5.0 mm	PPAC2		IN
Q10	1.1110	123.4605	125.026	Mon Out	SSD		Out
Q11	1.4205	135.4906	134.107	Deg Exp	Pla		IN
Q12	1.1106	123.4159	124.137	PPAC Out	Lgt		
Focus		Brfo	TA-F1 2.1300	In	Ret	0	deg.
F1-F2	2.1300	In	F2-F3 2.1300	In			

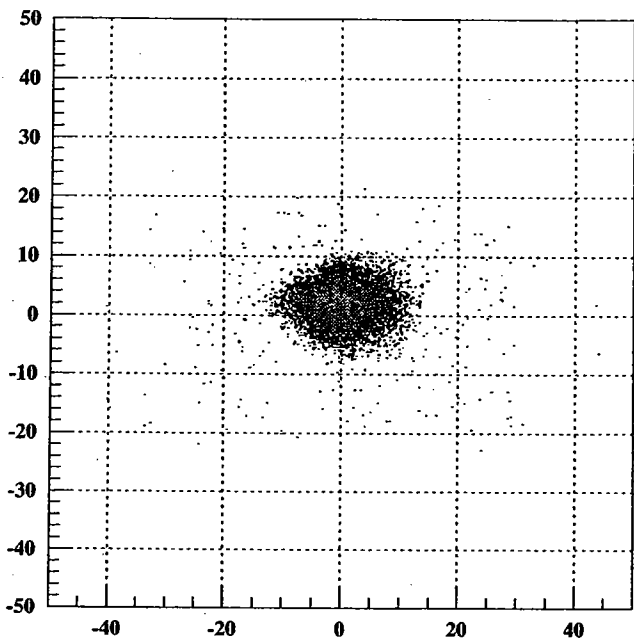
6-06-04 7:18		prisca	
Run127			
Start	--	Sun Jun 6 06:48:17	2004
Stop	--	Sun Jun 6 07:18:08	2004
Scaler Name :		Total	
UNGATED	:	1481888	
GATED	:	1103975	
NONE	:	18096	
F1PP T	:	47	
F2 SI	:	0	
CLEARs	:	1103857	
F2PP T	:	1488730	
F3PPA T	:	1458149	
E1	:	1462743	
PL 2	:	1477466	
PL 3	:	1477779	
CLOCK	:	1788310	
TGT NAI	:	1048034	
TGT BAF	:	1835	
MOMOTA	:	39176	
OKUNO	:	3516	
FC	:	4092	
MOMOTA1	:	1157486	
MOMOTA2	:	152994836	
MOMOTA3	:	134186167	
OKUNO1	:	60194	
OKUNO2	:	14547	
OKUNO3	:	7621	
F3PPB T	:	1444002	
LIVE_TGT_NAI	:	773842	
LIVE_TGT_BAF	:	1369	
LIVE_MOMOTA	:	29004	
LIVE_OKUNO	:	2641	
LIVE_FC	:	3118	
LIVE_MOMOTA1	:	863697	
LIVE_MOMOTA2	:	114106977	
LIVE_MOMOTA3	:	100145666	
LIVE_OKUNO1	:	44605	
LIVE_OKUNO2	:	10799	
LIVE_OKUNO3	:	5678	
LIVE_CLOCK	:	1335562	

att. $\frac{1}{6000}$

Run number:	128	Tape:	12	Name:	AK
Description:	New Brho				
Date:	6/6/04	Time:	7:28 a.m.		
Brho1:	2.1500	Brho2:	2.1500		
NMR1:	597.557	NMR2:	597.722		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

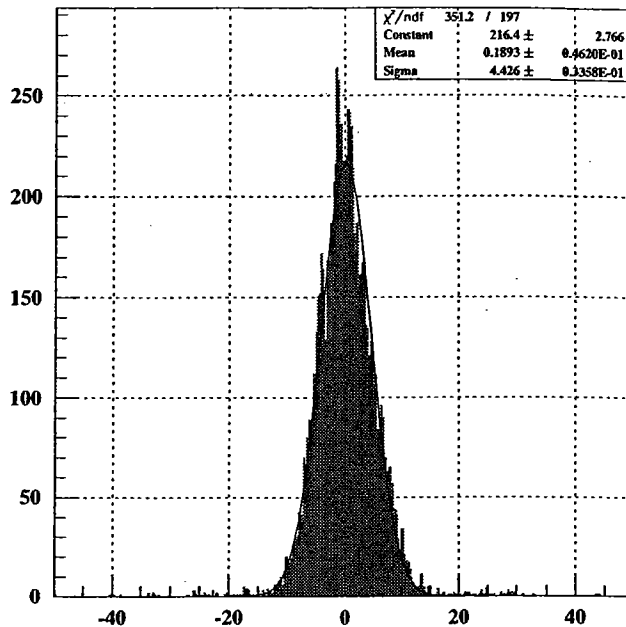
Bias voltage table (please compare to previous values)			
U dE=	95.8 V	I dE=	0.36 μ A
U E1=	97.9	I E1=	1.48
U E2=	95.6	I E2=	0.32
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748 V	NaI(Tl)_1=	600 V
F2_PPAC=	-751	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	1352.0





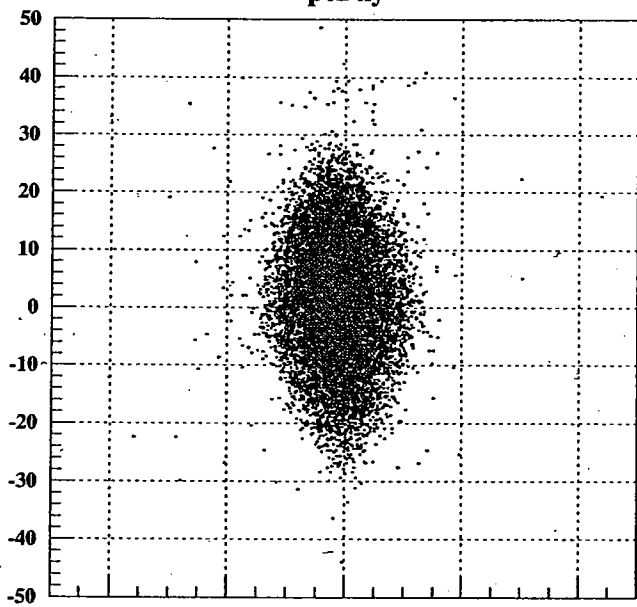
Histogram ID = 101

pc2 xy



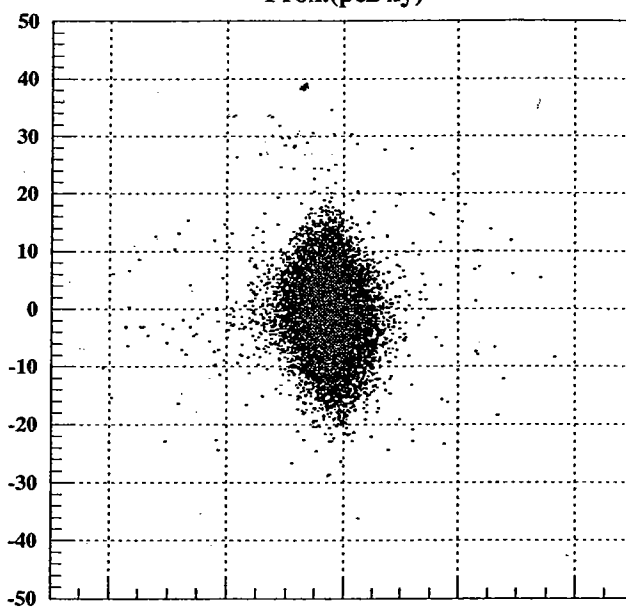
Histogram ID = 113

Prox.(pc2 xy)



Histogram ID = 102

pc3a xy



Histogram ID = 103

pc3b xy

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PL 3 : 804510
CLOCK : 1765741
TGT_NAI : 491527
TGT_BAF : 895
MOMOTA : 18410
OKUNO : 1685
FC : 4046
MOMOTA1 : 1102672
MOMOTA2 : 150700629
MOMOTA3 : 132141844
OKUNO1 : 27997
OKUNO2 : 6832
OKUNO3 : 3672
F3PPB T : 787649
LIVE_TGT_NAI : 409401
LIVE_TGT_BAF : 750
LIVE_MOMOTA : 15389
LIVE_OKUNO : 1427
LIVE_FC : 3491
LIVE_MOMOTA1 : 928487
LIVE_MOMOTA2 : 126884315
LIVE_MOMOTA3 : 111300257
LIVE_OKUNO1 : 23469
LIVE_OKUNO2 : 5707
LIVE_OKUNO3 : 3095
LIVE_CLOCK : 1488075
    
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att. $\frac{1}{6000}$

RIPS Control Summary 2004/06/06 07:43:21

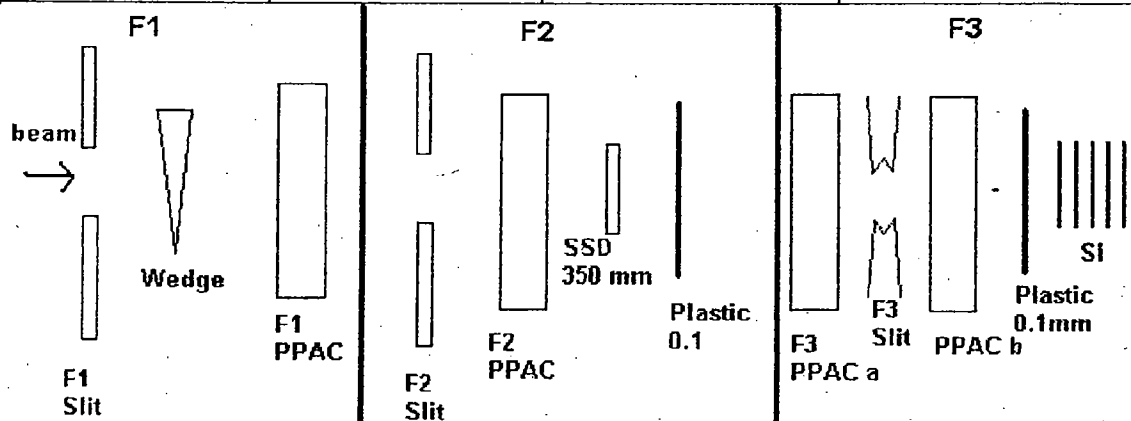
Parameter	Set Curr.	Read Curr.	Target	F1	F2
Q1	1.3167	140.0655	139.842	Tgt 96.5 mm	FC out
Q2	1.5337	111.7753	110.469	EC out	Rgt 50.1 mm
Q3	0.7725	106.1031	106.193	Lp 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Dom 24.0 mm	PPAC
D1	0.2777	332.8020	335.405	Ret 24.0 mm	GSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Deg out
Q4	0.5572	57.7600	57.693	Lgt	Pla IN
Q5	0.7942	72.3188	72.414		
Q6	0.6197	64.4177	64.553		
SX3	0.0000	0.1469	0.000		
Q7	0.2777	345.9358	345.065	D1 119.8 mm	PPAC1 IN
SX4	0.0000	0.1469	0.000	ld -135.1 mm	Rgt 49.9 mm
Q8	0.6468	88.8172	89.776	Ret 5.0 mm	Lft 50.0 mm
Q9	1.1259	92.6764	92.859	Lft 5.0 mm	PPAC2 IN
Q10	1.1110	124.6209	126.139	Mon out	GSD out
Q11	1.4205	136.7605	135.466	Deg Exp	Pla IN
Q12	1.1106	124.5759	125.471	PPAC out	Lgt
Focus	Brho	TA-F1 2.1500	In	Rot 0 deg	
F1-F2	2.1500	In	F2-F3 2.1500	In	exit

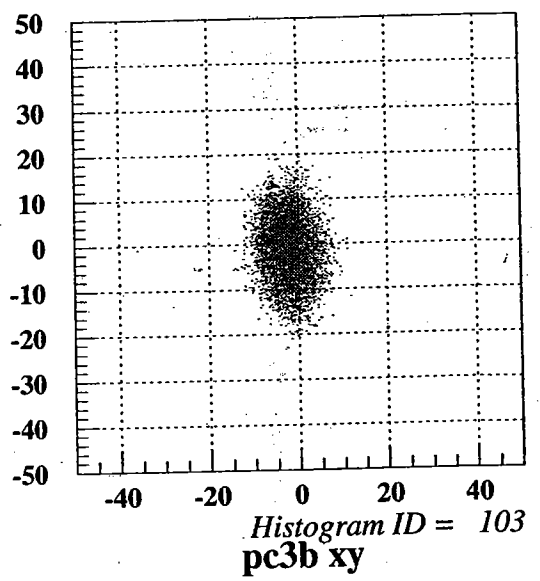
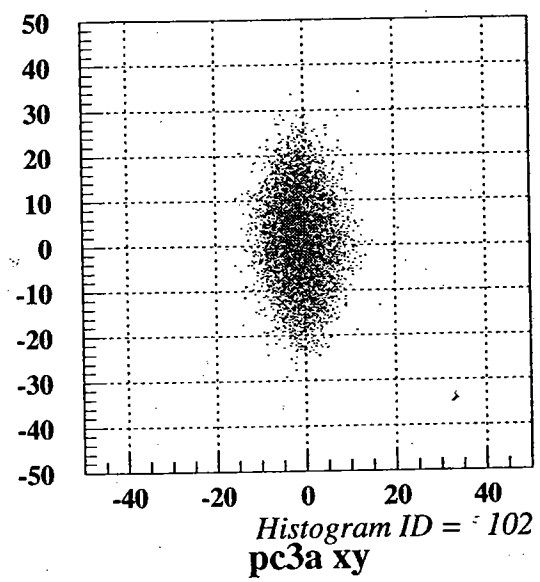
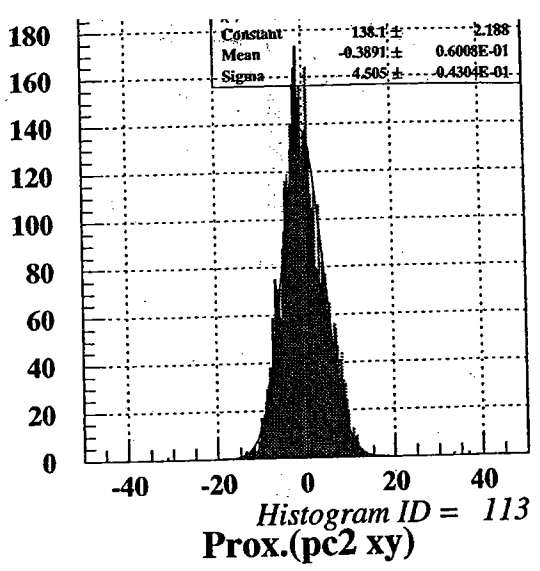
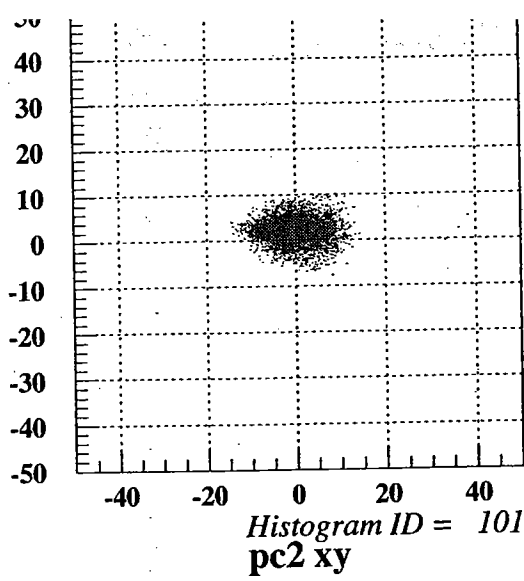
6:06, 04 7:58		prisca
Run128		
Start	-- Sun Jun 6 07:28:07 2004	
Stop	-- Sun Jun 6 07:57:35 2004	
Scaler Name :	Total	
UNGATED :	807331	
GATED :	677495	
NONE :	11106	
F1PP_T :	45	
F2_SI :	0	
CLEARs :	677467	
F2PP_T :	811676	
F3PPA_T :	794730	
E1 :	801208	
PL_2 :	804138	
PL_3 :	804516	
CLOCK :	1765741	
TGT_NAI :	491527	
TGT_BAF :	895	
MOMOTA :	18410	
OKUNO :	1685	
FC :	4046	
MOMOTA1 :	1102672	
MOMOTA2 :	150700629	
MOMOTA3 :	132141844	
OKUNO1 :	27997	
OKUNO2 :	6832	
OKUNO3 :	3672	
F3PPB_T :	787649	
LIVE_TGT_NAI :	409401	
LIVE_TGT_BAF :	750	
LIVE_MOMOTA :	15389	
LIVE_OKUNO :	1427	
LIVE_FC :	3491	
LIVE_MOMOTA1 :	928487	
LIVE_MOMOTA2 :	126884315	
LIVE_MOMOTA3 :	111300257	
LIVE_OKUNO1 :	23469	
LIVE_OKUNO2 :	5707	
LIVE_OKUNO3 :	3095	
LIVE_CLOCK :	1488075	

att. 1
6000

Run number:	129	Tape:	Name: AR
Description:	New target.		
Date:	6/6/04	Time:	8:11
Brho1:	2.1500	Brho2:	2.1500
NMR1:	597.556	NMR2:	597.719
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	1.5 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca	SCA file
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE=		I dE=	
U E1=		I E1=	
U E2=		I E2=	
U E3=		I E3=	
U E4=		I E4=	
F1_PPAC=	-748 V	NaI(Tl)_1=	600 V
F2_PPAC=	-751	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	





```

PL_2 : 32411
PL_3 : 32760
CLOCK : 49046
TGT_NAI : 2572
TGT_BAF : 7
MOMOTA : 48
OKUNO : 1
FC : 119
MOMOTA1 : 30598
MOMOTA2 : 4189269
MOMOTA3 : 3673784
OKUNO1 : 34
OKUNO2 : 8
OKUNO3 : 5
F3PPB_T : 32291
LIVE_TGT_NAI : 1963
LIVE_TGT_BAF : 6
LIVE_MOMOTA : 39
LIVE_OKUNO : 0
LIVE_FC : 88
LIVE_MOMOTA1 : 24037
LIVE_MOMOTA2 : 3295959
LIVE_MOMOTA3 : 2892168
LIVE_OKUNO1 : 27
LIVE_OKUNO2 : 6
LIVE_OKUNO3 : 3
LIVE_CLOCK : 38498

```

att. $\frac{1}{36000}$

Parameter	Set Gun	Read Gun	Target	F1	F3
Q1	1.3167	140.0655	139.842	Tgt 194.6 mm	FC Out
Q2	1.5337	111.7753	110.232	FC Out	Rgt 50.1 mm
Q3	0.7725	106.1031	106.453	Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC
Q4	0.2777	332.8020	335.405	Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
Q4	0.5572	57.7600	57.747	Lgt	Pla IN
Q5	0.7942	72.3188	72.414		
Q6	0.6197	64.4177	64.771		
SX3	0.0000	0.1469	0.000		
Q2	0.2777	345.9358	344.536	D1 119.8 mm	PPAC1 IN
SX4	0.0000	0.1469	0.000	ld -135.1 mm	Rgt 49.9 mm
Q7	0.6468	88.8172	89.694	Rgt 5.0 mm	Lft 50.0 mm
Q8	1.1259	92.6764	92.938	Lft 5.0 mm	PPAC2 IN
Q9	1.0222	108.5124	108.750	Mom Out	SSD Out
Q10	1.1110	124.6209	126.028	Deg Exp	Pla IN
Q11	1.4205	136.7601	134.922	PPAC Out	Lgt
Q12	1.1106	124.5759	125.360	Rot 0 deg	
Focus	Erho	T0-F1 2.1500	Tm		
F1-F2 2.1500	Tm	F2-F3 2.1500	Tm		

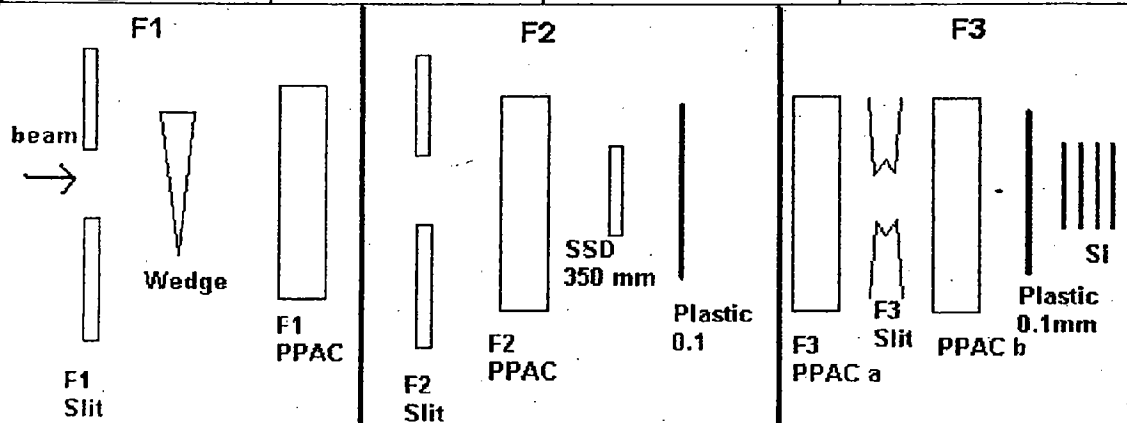
6:06.04 8:12		prisca
Run129		
Start -- Sun Jun 6 08:11:40 2004		
Stop -- Sun Jun 6 08:12:29 2004		
Scaler Name :	Total	
UNGATED :	32234	
GATED :	25378	
NONE :	416	
F1PP T :	2	
F2 SI :	0	
CLEARs :	25377	
F2PP T :	33168	
F3PPA T :	32288	
E1 :	31049	
PL 2 :	32411	
PL 3 :	32760	
CLOCK :	49046	
TGT NAI :	2572	
TGT BAF :	7	
MOMOTA :	48	
OKUNO :	1	
FC :	119	
MOMOTA1 :	30598	
MOMOTA2 :	4189269	
MOMOTA3 :	3673784	
OKUNO1 :	34	
OKUNO2 :	8	
OKUNO3 :	5	
F3PPB T :	32291	
LIVE TGT NAI :	1963	
LIVE TGT BAF :	6	
LIVE MOMOTA :	39	
LIVE OKUNO :	0	
LIVE FC :	88	
LIVE MOMOTA1 :	24037	
LIVE MOMOTA2 :	3295959	
LIVE MOMOTA3 :	2892168	
LIVE OKUNO1 :	27	
LIVE OKUNO2 :	6	
LIVE OKUNO3 :	3	
LIVE_CLOCK :	38498	

* Bean was stopped early for operators.

att. $\frac{1}{36000}$

Run number:	130	Tape:	12	Name:	AK
Description:	Same as run 129				
Date:	6/6/04	Time:	8:17 a.m.		
Brho1:	2.1500	Brho2:	2.1500		
NMR1:	597.550	NMR2:	597.719		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U_dE-		I_dE-	
U_E1-		I_E1-	
U_E2-		I_E2-	
U_E3-		I_E3-	
U_E4-		I_E4-	
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-751	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	



RIPS Control Summary				2004/06/06 08:29:46			
Parameter	Set	Curr.	Read	Target	F2		
Q1	1.3167	140.0655	139.954	Tgt 194.5	FC	Out	
Q2	1.5337	111.7753	110.469		Rgt	50.1	mm
Q3	0.7725	106.1031	106.540	FC	Out		
SX1	0.0000	0.1469	0.000	Up 24.0	Lft	50.0	mm
D1	0.2777	332.8020	335.141	Down 24.0	PPAC		
SX2	0.0000	0.1469	0.026	Rgt 24.0	SSD	-94.8	mm
Q4	0.5572	57.7600	57.638	Lft 23.8	Out		
Q5	0.7942	72.3188	72.476	Lgt	Deg	-4.9	deg.
Q6	0.6197	64.4177	64.662		Pla	IN	
SX3	0.0000	0.1469	0.000				
D2	0.2777	345.9358	345.065	F1	F3		
SX4	0.0000	0.1469	0.000	D1 119.8	PPAC1	IN	
Q7	0.6468	88.8172	89.694	ld -135.1	Rgt	49.9	mm
Q8	1.1259	92.6764	92.780	Rgt 5.0	Lft	50.0	mm
Q9	1.0222	108.5124	108.656	Lft 5.0	PPAC2	IN	
Q10	1.1110	124.6209	126.139	Mon	Out		
Q11	1.4205	136.7601	135.466	Deg	Enc		
Q12	1.1106	124.5759	125.249	PPAC	Out		
Focus	Brho	TA-F1	2.1500	Tm	Rot	0	deg.
F1-F2	2.1500	Tm	F2-F3	2.1500	Tm		

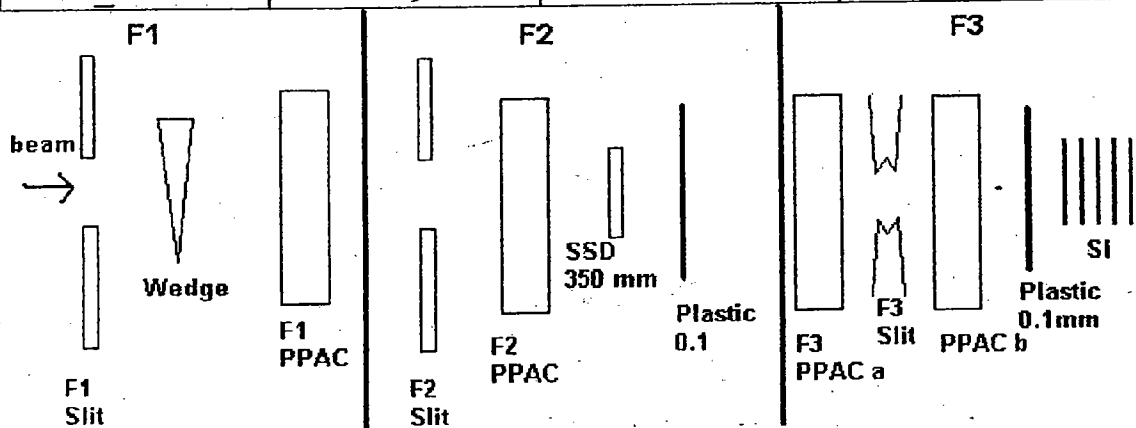
6*06, 04 8:23		prisca
Run130		
Start	-- Sun Jun 6 08:17:51 2004	
Stop	-- Sun Jun 6 08:23:21 2004	
Scaler Name : Total		
UNGATED	:	136866
GATED	:	104442
NONE	:	1712
F1PP T	:	3
F2 SI	:	0
CLEARs	:	104433
F2PP T	:	140818
F3PPA T	:	137107
E1	:	131173
PL 2	:	137739
PL 3	:	138934
CLOCK	:	179542
TGT NAI	:	8006
TGT BAF	:	22
MOMOTA	:	157
OKUNO	:	0
FC	:	439
MOMOTA1	:	109436
MOMOTA2	:	15321470
MOMOTA3	:	13441207
OKUNO1	:	120
OKUNO2	:	35
OKUNO3	:	21
F3PPB T	:	137115
LIVE_TGT_NAI	:	5953
LIVE_TGT_BAF	:	18
LIVE_MOMOTA	:	108
LIVE_OKUNO	:	0
LIVE_FC	:	335
LIVE_MOMOTA1	:	82819
LIVE_MOMOTA2	:	11651089
LIVE_MOMOTA3	:	10229783
LIVE_OKUNO1	:	93
LIVE_OKUNO2	:	29
LIVE_OKUNO3	:	17
LIVE_CLOCK	:	136800

* Beam was lost shortly into the

att. $\frac{1}{36000}$

Run number:	131	Tape:	12	Name:	AL
Description:	Same as run 130				
Date:	6/6/04	Time:	8:28		
Brho1:	2.1500	Brho2:	2.1500		
NMR1:	597.550	NMR2:	597.719		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.38
U E1=	98.0	I E1=	1.54
U E2=	95.6	I E2=	2.32
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	- 748	NaI(Tl)_1=	600
F2_PPAC=	- 751	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0



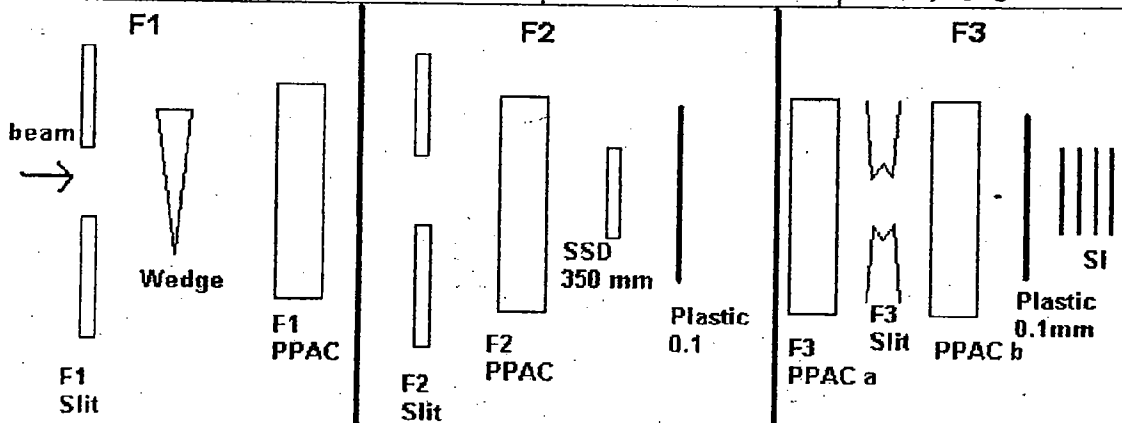
RIPS Control Summary			2004/06/06 08:54:08			
Parameter	Set	Curr	Read	Unit	Target	Unit
Q1	1.3167	140.0655	140.065			
Q2	1.5337	111.7753	110.469		Tgt 194.6	mm
Q3	0.7725	106.1031	106.280		RC	Out
SX1	0.0000	0.1469	0.000		Ld	24.0 mm
Q1	0.2777	332.8020	335.141		Dm	24.0 mm
SX2	0.0000	0.1469	0.000		Rgt	24.0 mm
Q4	0.5572	57.7600	57.802		UFB	23.8 mm
Q5	0.7942	72.3188	72.414		Det	-4.9
Q6	0.6197	64.4177	64.553		PL1	In
SX3	0.0000	0.1469	0.021			
Q7	0.2777	345.9358	345.065		D1	119.8 mm
SX4	0.0000	0.1469	0.000		Ld	-135.1 mm
Q8	0.6468	88.8172	89.694		Rgt	5.0 mm
Q9	1.1259	92.6764	92.859		Lfr	50.0 mm
Q10	1.0222	108.5124	108.468		Lfr	5.0 mm
Q11	1.1110	124.6209	126.139		PPAC	In
Q12	1.4205	136.7601	135.602		SSD	Out
Q12	1.1106	124.5759	125.360		PL2	In
					PL3	In
					PPAC	Out
Focus		Brno	TA-F1	2.1500	In	
			F1-F2	2.1500	In	
			F2-F3	2.1500	In	

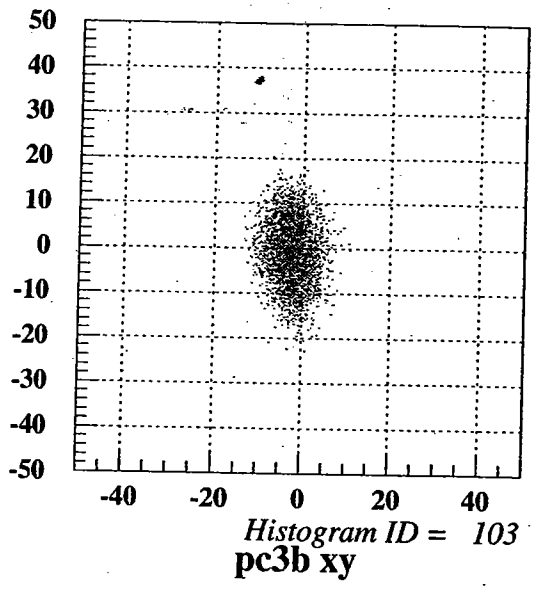
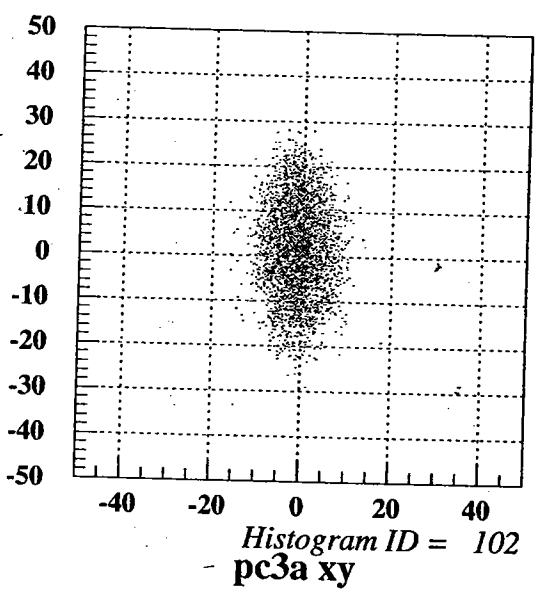
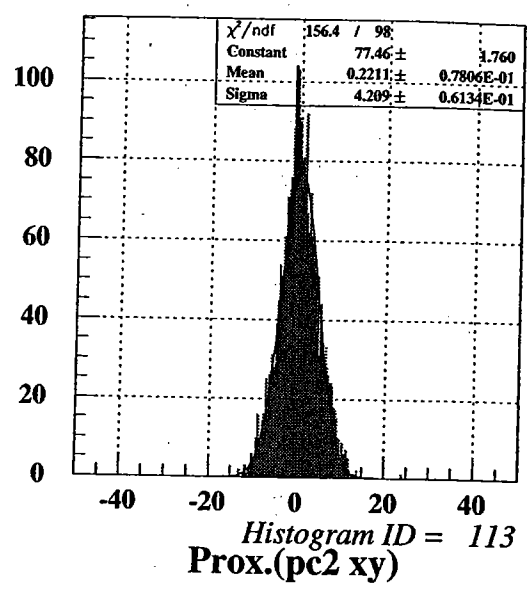
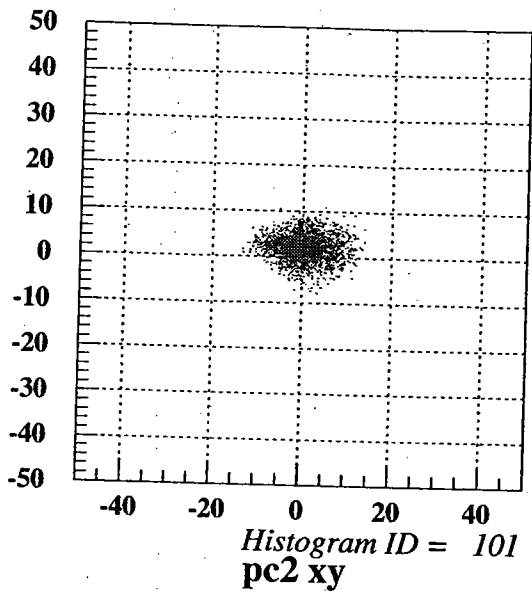
6*06_04 8:55		prisca
Run131		
Start -- Sun Jun 6 08:28:59 2004		
Stop -- Sun Jun 6 08:54:48 2004		
Scaler Name :	Total	
UNGATED :	868162	
GATED :	688012	
NONE :	11278	
FLPP T :	31	
F2_SI :	0	
CLEARs :	687959	
F2PP T :	893784	
F3PPA_T :	869446	
E1 :	837509	
PL_2 :	873200	
PL_3 :	881344	
CLOCK :	1547085	
TGT NAI :	51801	
TGT BAF :	122	
MOMOTA :	889	
OKUNO :	15	
FC :	3745	
MOMOTA1 :	929859	
MOMOTA2 :	131644633	
MOMOTA3 :	115454717	
OKUNO1 :	719	
OKUNO2 :	156	
OKUNO3 :	165	
F3PPB_T :	869463	
LIVE TGT NAI :	39732	
LIVE TGT BAF :	85	
LIVE MOMOTA :	706	
LIVE OKUNO :	13	
LIVE FC :	3120	
LIVE MOMOTA1 :	760436	
LIVE MOMOTA2 :	107541276	
LIVE MOMOTA3 :	94358449	
LIVE OKUNO1 :	567	
LIVE OKUNO2 :	127	
LIVE OKUNO3 :	135	
LIVE_CLOCK :	1264882	

all $\frac{1}{36,000}$

Run number:	132	Tape:	13	Name:	AK
Description:	New Brho				
Date:	6/6/04	Time:	9:06 a.m.		
Brho1:	2.1700	Brho2:	2.1700		
NMR1:	603.062	NMR2:	603.336		
Target:	(Be(92))	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN (OUT)		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.39
U E1=	98.1	I E1=	1.58
U E2=	95.6	I E2=	0.32
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	- - 748	NaI(Tl) 1=	600
F2_PPAC=	- 751	NaI(Tl) 2=	600
F3_PPACA=	- 755	NaI(Tl) 3=	600
F3_PPACB=	- 755	BaF=	1352.0





```

NONE : 19126
F1PP T : 21
F2 SI : 0
CLEAR S : 1166687
F2PP T : 1625788
F3PPA T : 1597737
E1 : 1508349
PL 2 : 1592377
PL 3 : 1607481
CLOCK : 1921928
TGT NAI : 81819
TGT BAF : 202
MOMOTA : 1512
OKUNO : 31
FC : 4912
MOMOTA1 : 1122234
MOMOTA2 : 162959959
MOMOTA3 : 142885283
OKUNO1 : 1178
OKUNO2 : 258
OKUNO3 : 284
F3PPB T : 1602287
LIVE TGT NAI : 58319
LIVE TGT BAF : 148
LIVE MOMOTA : 1089
LIVE OKUNO : 20
LIVE FC : 3699
LIVE MOMOTA1 : 831186
LIVE MOMOTA2 : 120467966
LIVE MOMOTA3 : 105691021
LIVE OKUNO1 : 875
LIVE OKUNO2 : 182

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alt. 1
36,000

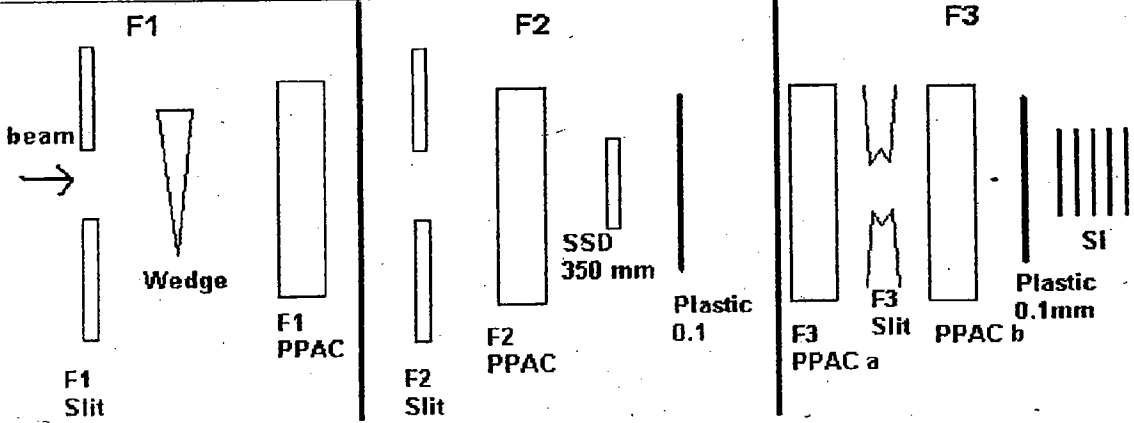
RIPS Control Summary				2004/06/06 09:19:24	
Parameter	Set	Cur	Read	Target	FP
Q1	1.3167	141.3778	141.179	Tgt 194.6 mm	FO Out
Q2	1.5337	112.8168	111.537	FC Out	Rgt 50.1 mm
Q3	0.7725	107.0914	107.233	Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Down 24.0 mm	PPAC
Q4	0.2777	335.9038	338.051	Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.026	Lft 23.8 mm	Out
Q4	0.5572	58.3122	58.292	Lgt	Deg -4.9 deg
Q5	0.7942	73.0060	73.219		Pda IN
Q6	0.6197	65.0318	65.260		
SX3	0.0000	0.1469	0.000		
Q2	0.2777	349.1888	348.238	F1	F3
SX4	0.0000	0.1469	0.000	DI 119.8 mm	PPAC1 IN
Q7	0.6468	89.6446	90.182	Ld -135.1 mm	Rgt 49.9 mm
Q8	1.1259	93.5364	93.967	Rgt 5.0 mm	Lft 50.0 mm
Q9	1.0222	109.5312	109.784	Lft 5.0 mm	PPAC2 IN
Q10	1.1110	125.7814	127.251	Down Out	SSD Out
Q11	1.4205	138.0290	136.281	Deg Exp	Pda IN
Q12	1.1106	125.7360	126.584	PPAC Out	Lft
Focus		Brho	Ta-F1 2.1700 In	Rot 0 deg	
			F1-F2 2.1700 In		
			F2-F3 2.1700 In		

6: 06, 04 9:38		prisca
Run132		
Start	-- Sun Jun 6 09:06:40 2004	
Stop	-- Sun Jun 6 09:38:44 2004	
Scaler Name :	Total	
UNGATED :	1581924	
GATED :	1166813	
NONE :	19126	
F1PP T :	21	
F2 SI :	0	
CLEARs :	1166687	
F2PP T :	1625788	
F3PPA T :	1597737	
E1 :	1508349	
PL 2 :	1592377	
PL 3 :	1607481	
CLOCK :	1921928	
TGT NAI :	81819	
TGT BAF :	202	
MOMOTA :	1512	
OKUNO :	31	
FC :	4912	
MOMOTA1 :	1122234	
MOMOTA2 :	162959959	
MOMOTA3 :	142885283	
OKUNO1 :	1178	
OKUNO2 :	258	
OKUNO3 :	284	
F3PPB T :	1602287	
LIVE TGT NAI :	58319	
LIVE TGT BAF :	148	
LIVE MOMOTA :	1089	
LIVE OKUNO :	20	
LIVE FC :	3699	
LIVE MOMOTA1 :	831186	
LIVE MOMOTA2 :	120467966	
LIVE MOMOTA3 :	105691021	
LIVE OKUNO1 :	875	
LIVE OKUNO2 :	182	
LIVE OKUNO3 :	212	

att. $\frac{1}{36,000}$

Run number:	133	Tape:	13	Name:	JMC
Description:	Brho = 2.17, t _{gt} 7-16G, F2PL trigger				
Date:	6/6	Time:	0945		
Brho1:	2.17	Brho2:	2.17		
NMR1:	602.988	NMR2:	603.296		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

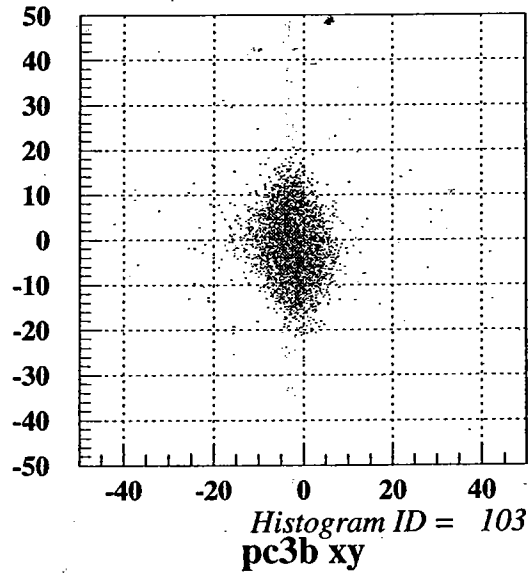
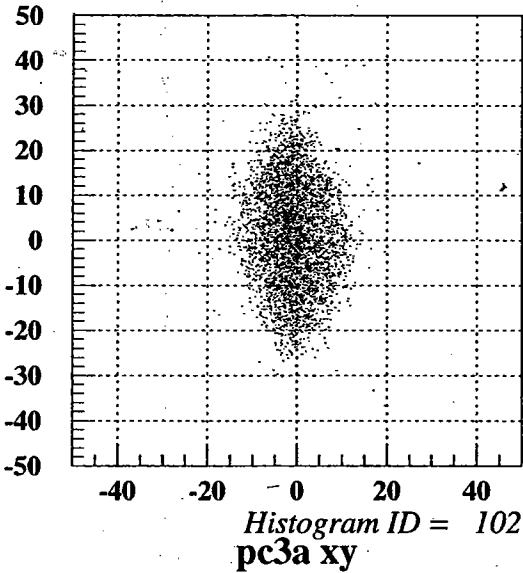
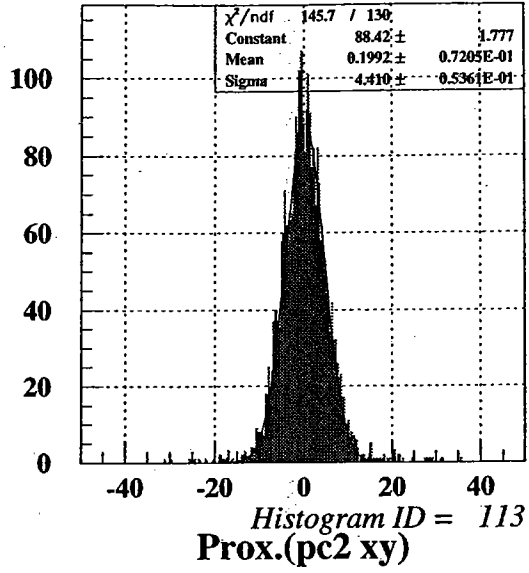
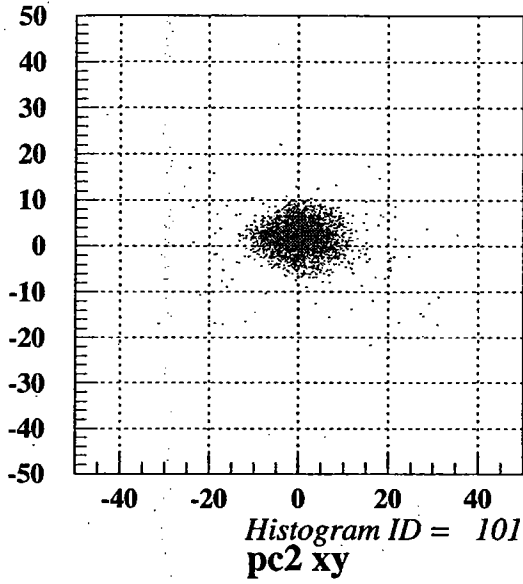
Bias voltage table (please compare to previous values)	
U dE=	I dE=
U E1=	I E1=
U E2=	I E2=
U E3=	I E3=
U E4=	I E4=
F1_PPAC=	NaI(Tl)_1=
F2_PPAC=	NaI(Tl)_2=
F3_PPACA=	NaI(Tl)_3=
F3_PPACB=	BaF=



Run 133

Ta (166)

BP = 2.17



```

E1 : 970159
PL 2 : 976916
PL 3 : 978300
CLOCK : 1815891
TGT_NAI : 515915
TGT_BAF : 968
MOMOTA : 19647
OKUNO : 1770
FC : 4517
MOMOTA1 : 1095002
MOMOTA2 : 154253643
MOMOTA3 : 135156162
OKUNO1 : 29607
OKUNO2 : 7121
OKUNO3 : 3743
F3PPB T : 961008
LIVE_TGT_NAI : 418623
LIVE_TGT_BAF : 795
LIVE_MOMOTA : 16000
LIVE_OKUNO : 1454
LIVE_FC : 3819
LIVE_MOMOTA1 : 897282
LIVE_MOMOTA2 : 126258648
LIVE_MOMOTA3 : 110673593
LIVE_OKUNO1 : 24194
LIVE_OKUNO2 : 5832
LIVE_OKUNO3 : 3056
LIVE_CLOCK : 1488230

```

att $\frac{1}{600}$

RIPS Control Summary				2004/06/06 09:59:26	
Parameter	Set	Curr	Read	Target	F2
Q1	1.3167	141.3778	141.402	Tgt 95.8 mm	FC Out
Q2	1.5337	112.8168	110.944	FC Out	Rgt 50.1 mm
Q3	0.7725	107.0914	106.713	Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Down 24.0 mm	PPAC
D1	0.2777	335.9038	338.315	Rgt 24.0 mm	BSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Out
Q4	0.5572	58.3122	58.292	Lgt	Deg -4.9 deg
Q5	0.7942	73.0060	73.281		Pla IN
Q6	0.6197	65.0318	65.423		
SX3	0.0000	0.1469	0.000		
D2	0.2777	349.1888	348.502	F1	F3
SX4	0.0000	0.1469	0.079	D1 119.8 mm	PPAC1 IN
Q7	0.6468	89.6446	90.426	ld -135.1 mm	Rgt 49.9 mm
Q8	1.1259	93.5364	93.571	Rgt 5.0 mm	Lft 50.0 mm
Q9	1.0222	109.5312	109.596	Lft 5.0 mm	PPAC2 IN
Q10	1.1110	125.7814	127.474	Mon Out	BSD Out
Q11	1.4205	138.0296	135.873	Deg Exp	Pla IN
Q12	1.1106	125.7360	126.472	PPAC Out	Lgt
Focus	Brho	TA-F1	2.1700	Im	Rot 0 deg
F1-F2	2.1700	Im	F2-F3	2.1700	Im

EXIT

6-06, 04 10:16 prisca

Run133

Start -- Sun Jun 6 09:45:47 2004
 Stop -- Sun Jun 6 10:16:05 2004

Scaler Name :	Total
UNGATED :	979350
GATED :	800228
NONE :	13118
F1PP_T :	43
F2_SI :	0
CLEARs :	800199
F2PP_T :	987417
F3PPA_T :	968127
E1 :	970159
PL_2 :	976916
PL_3 :	978300
CLOCK :	1815891
TGT_NAI :	515915
TGT_BAF :	968
MOMOTA :	19647
OKUNO :	1770
FC :	4517
MOMOTA1 :	1095002
MOMOTA2 :	154253643
MOMOTA3 :	135156162
OKUNO1 :	29607
OKUNO2 :	7121
OKUNO3 :	3743
F3PPB_T :	961008
LIVE_TGT_NAI :	418623
LIVE_TGT_BAF :	795
LIVE_MOMOTA :	16000
LIVE_OKUNO :	1454
LIVE_FC :	3819
LIVE_MOMOTA1 :	897282
LIVE_MOMOTA2 :	126258648
LIVE_MOMOTA3 :	110673593
LIVE_OKUNO1 :	24194
LIVE_OKUNO2 :	5832
LIVE_OKUNO3 :	3056
LIVE_CLOCK :	1488230

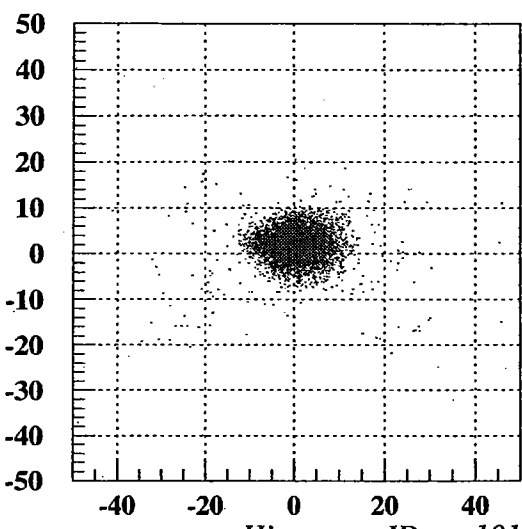
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Run number:	134	Tape:	13	Name:	TMC
Description:	B ₀ = 2.19, Tall6, FZPL trigger				
Date:	6/16	Time:	1023		
Brho1:	2.19	Brho2:	2.19		
NMR1:	608.590	NMR2:	608.875		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

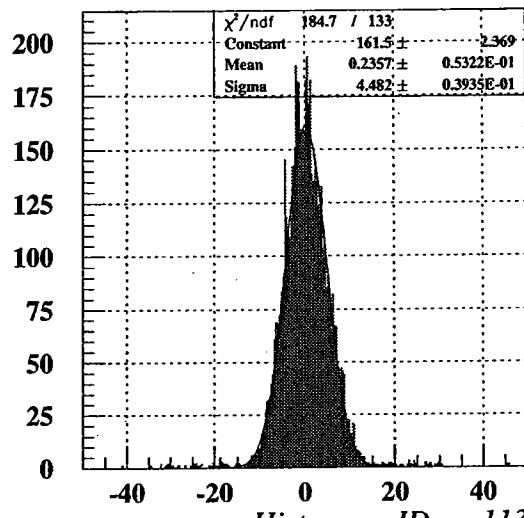
Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.37uA
U E1=	98.1	I E1=	1.61
U E2=	95.6	I E2=	0.33
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl) 1=	0.60uV
F2_PPAC=	-751	NaI(Tl) 2=	
F3_PPACA=	-755	NaI(Tl) 3=	
F3_PPACB=	-755	BaF=	1352.0V

RIPS Control Summary				2004/06/06 10:36:34	
Chan	Param	Set	Read	Target	F2
Q1	1.3167	142.690	142.628	95.9 mm	50.1 mm
Q2	1.5337	113.858	112.368	24.0 mm	50.0 mm
Q3	0.7725	108.079	108.099	24.0 mm	SSD -94.8 mm
Sx1	0.0000	0.1469	0.000	24.0 mm	Pla IN
Q4	0.2777	339.005	341.225	24.0 mm	
Sx2	0.0000	0.1469	0.000	23.8 mm	
Q5	0.5572	58.8643	58.892		
Q6	0.7942	73.6932	73.714		
Q7	0.6197	65.6459	65.913		
Sx3	0.0000	0.1469	0.000		
Q8	0.2777	352.409	351.940	119.8 mm	PPAC1 IN
Sx4	0.0000	0.1469	0.000	-135.1 mm	Rgt 49.9 mm
Q9	0.6468	90.4720	91.077	5.0 mm	Lft 50.0 mm
Q10	1.1259	94.3965	94.995	5.0 mm	PPAC2 IN
Q11	1.0222	110.550	110.724	Mon Out	SSD Out
Q12	1.1110	126.941	128.475	Deg Exp	Pla IN
Q13	1.4205	139.299	137.504	PPAC Out	Lgt
Q14	1.1106	126.896	127.696		

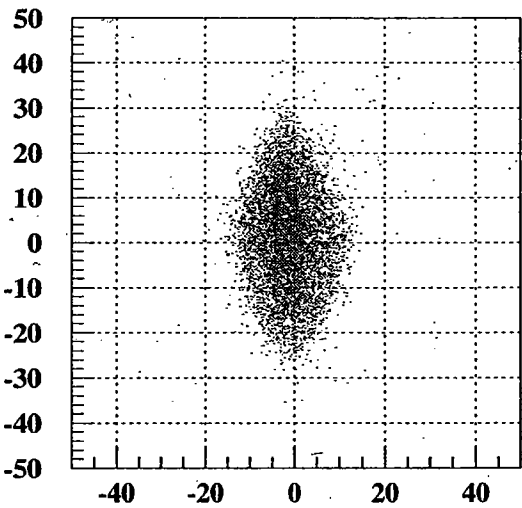
Run 134 Ta (166) BP = 2.19



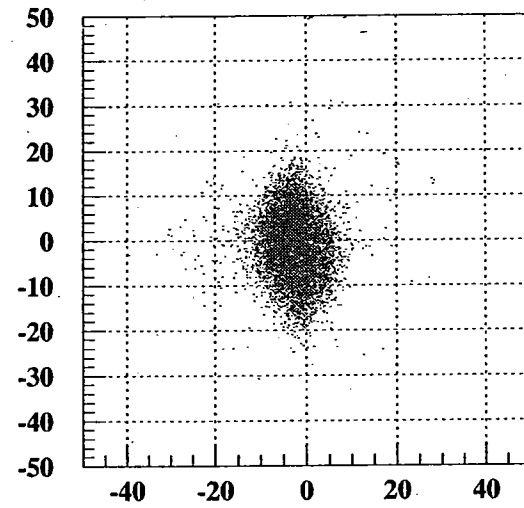
Histogram ID = 101
pc2 xy



Histogram ID = 113
Prox.(pc2 xy)



Histogram ID = 102
pc3a xy



Histogram ID = 103
pc3b xy

```

-- Sun Jun 6 10:23:00 2004
-- Sun Jun 6 10:58:21 2004

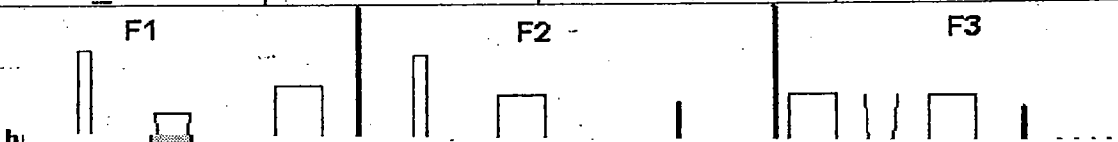
Scaler Name : Total

UNGATED : 1198050
GATED : 970194
NONE : 15904
F1PP T : 63
F2 SI : 0
CLEARS : 970145
F2PP T : 1210026
F3PPA T : 1184697
E1 : 1182339
PL 2 : 1196084
PL 3 : 1197872
CLOCK : 2118427
TGT_NAI : 561447
TGT_BAF : 996
MOMTA : 21188
OKUNO : 1938
FC : 5050
MOMTA1 : 1284730
MOMTA2 : 18000607
MOMTA3 : 157662454
OKUNO1 : 32589
OKUNO2 : 7940
OKUNO3 : 4259
F3PPB T : 1176321
LIVE_TGT_NAI : 451176
LIVE_TGT_BAF : 806
LIVE_MOMTA : 17170
LIVE_OKUNO : 1556
LIVE_FC : 4162
LIVE_MOMTA1 : 1042190
LIVE_MOMTA2 : 146051794
LIVE_MOMTA3 : 127987432
LIVE_OKUNO1 : 26301
LIVE_OKUNO2 : 6413
LIVE_OKUNO3 : 3436
LIVE_CLOCK : 1720356
    
```

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Run number:	135	Tape:	13	Name:	JMC
Description:	B _p = 2.19, Be92, F2PL+trigger				
Date:	6/6	Time:	1104		
Brho1:	2.19	Brho2:	2.19		
NMR1:	608.568	NMR2:	608. 790 810		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)	
U dE=	I dE=
U E1=	I E1=
U E2=	I E2=
U E3=	I E3=
U E4=	I E4=
F1_PPAC=	NaI(Tl)_1=
F2_PPAC=	NaI(Tl)_2=
F3_PPACA=	NaI(Tl)_3=
F3_PPACB=	BaF=



6:06:04 11:28 prisca
 Run135
 Start: -- Sun Jun 6 11:04:33 2004
 Stop: -- Sun Jun 6 11:27:31 2004

Scaler Name : Total

```

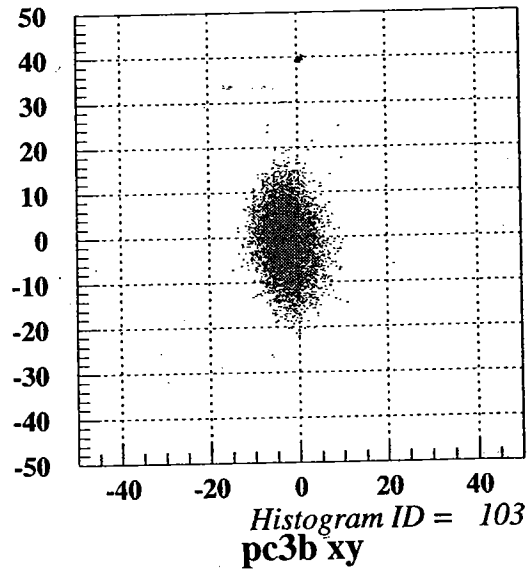
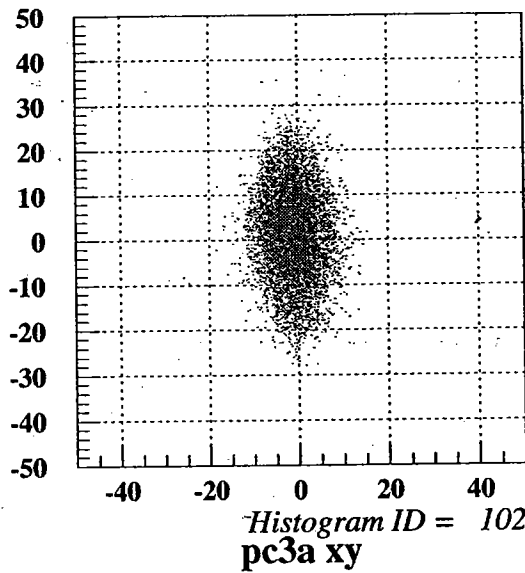
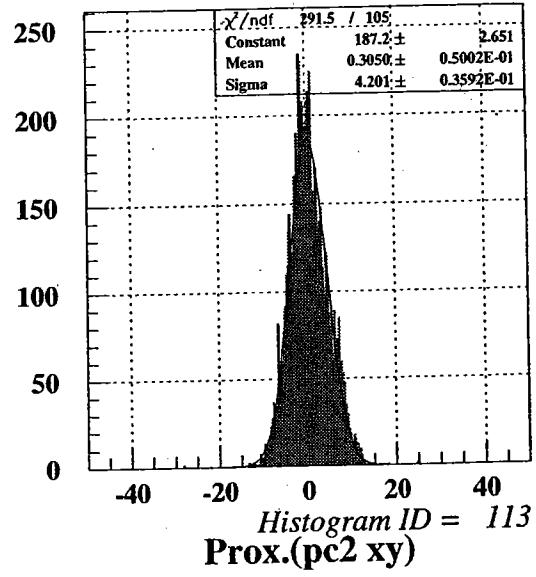
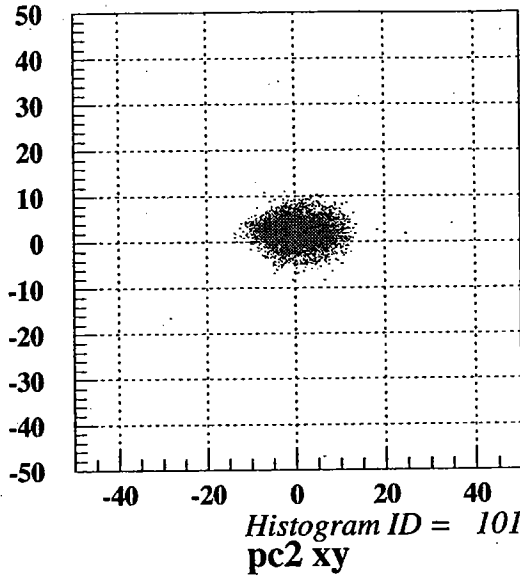
UNGATED : 964286
GATED : 745370
NONE : 12218
F1PP T : 35
F2_S1 : 0
CLEARS : 745299
F3PP T : 992054
F3PPA_T : 967855
E1 : 924626
PL_2 : 971126
PL_3 : 981212
CLOCK : 1376131
TGT_NAI : 47544
TGT_BAF : 104
MOMOTA : 813
OKUNO : 17
FC : 3140
MOMTAL : 822044
MOMTA2 : 116543089
MOMTA3 : 103154066
OKUNO1 : 697
OKUNO2 : 139
OKUNO3 : 149
F3PPB T : 968131
LIVE_TGT_NAI : 35631
LIVE_TGT_BAF : 85
LIVE_MOMOTA : 618
LIVE_OKUNO : 12
LIVE_FC : 2540
LIVE_MOMTAL : 638749
LIVE_MOMTA2 : 90550714
LIVE_MOMTA3 : 80195533
LIVE_OKUNO1 : 529
LIVE_OKUNO2 : 108
LIVE_OKUNO3 : 108
LIVE_CLOCK : 1070094

```

Run 135

Be 72

$B_p = 2.19$



RIPS Control Summary

2004/06/06 11:19:27

Parameter	Set Curr.	Read Curr.
Q1	1.3167	142.690
Q2	1.5337	113.858
Q3	0.7725	108.079
SX1	0.0000	0.1469
D1	0.2777	339.005
SX2	0.0000	0.1469
Q4	0.5572	58.8643
Q5	0.7942	73.6932
Q6	0.6197	65.6459
SX3	0.0000	0.1469
D2	0.2777	352.409
SX4	0.0000	0.1469
Q7	0.6468	90.4720
Q8	1.1259	94.3965
Q9	1.0222	110.550
Q10	1.1110	126.941
Q11	1.4205	139.299
Q12	1.1106	126.896

Target	F2	
Tgt 194.6 mm	FC Out	
FC Out	Rgt 50.1 mm	
Up 24.0 mm	Lft 50.0 mm	
Down 24.0 mm	PPAC	
Rgt 24.0 mm	SSD -94.8 mm	
Lft 23.8 mm	Deg Out	
Lgt	Pla -4.9 deg	
	Pla IN	
F1		
D1 119.8 mm	F3	
ld -135.1 mm	PPAC1 IN	
Rgt 5.0 mm	Rgt 49.9 mm	
Lft 5.0 mm	Lft 50.0 mm	
Mon Out	PPAC2 IN	
Deg Exp	SSD Out	
PPAC IN	Pla IN	
	Lgt	

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Run number:	136	Tape: #	13	Name:	H.P.S
Description:	Same as run 135 brho = 2.19, Be(92), F2 pla + sheet				
Date:	6/6/2004	Time:	11:31:49		
Brho1:	2.19	Brho2:	2.19		
NMR1:	608.619	NMR2:	608.857		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8 (V)	I dE=	0.40 (mA)
U E1=	98.1	I E1=	1.71
U E2=	95.6	I E2=	0.34
U E3=	95.4	I E3=	0.15
U E4=	95.3	I E4=	0.21
F1_PPAC=	755 -748V	NaI(Tl)_1=	600V
F2_PPAC=	755 -751V	NaI(Tl)_2=	
F3_PPACA=	-755V	NaI(Tl)_3=	
F3_PPACB=	-755V	BaF=	1352V

6:06:04 11:44		prisca
Run136		
Start -- Sun Jun 6 11:31:44 2004		
Stop -- Sun Jun 6 11:44:30 2004		
Scaler Name :	Total	
UNGATED :	524186	
GATED :	407992	
NONE :	6688	
F1PP T :	11	
F2 SI :	0	
CLEARs :	407969	
F2PP T :	539084	
F3PPA T :	526743	
E1 :	503466	
PL 2 :	528517	
PL 3 :	534031	
CLOCK :	764544	
TGT NAI :	26110	
TGT BAF :	66	
MOMOTA :	489	
OKUNO :	12	
FC :	1725	
MOMOTA1 :	454764	
MOMOTA2 :	64660118	
MOMOTA3 :	56643448	
OKUNO1 :	350	
OKUNO2 :	80	
OKUNO3 :	96	
F3PPB T :	526911	
LIVE TGT NAI :	19723	
LIVE TGT BAF :	46	
LIVE MOMOTA :	384	
LIVE OKUNO :	9	
LIVE FC :	1395	
LIVE MOMOTA1 :	355163	
LIVE MOMOTA2 :	50456722	
LIVE MOMOTA3 :	44222585	
LIVE OKUNO1 :	350	
LIVE OKUNO2 :	80	
LIVE OKUNO3 :	96	

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Run number:	137	Tape:	13	Name:	JMC
Description:	Brho = 2.21, Be92, trig F2PL				
Date:	6/6	Time:	.1151		
Brho1:	2.21	Brho2:	2.21		
NMR1:	64.128	NMR2:	64.485		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	15 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-		I dE-	
U E1-		I E1-	
U E2-		I E2-	
U E3-		I E3-	
U E4-		I E4-	
F1_PPAC=		NaI(Tl)_1=	
F2_PPAC=		NaI(Tl)_2=	
F3_PPACA=		NaI(Tl)_3=	
F3_PPACB=		BaF=	

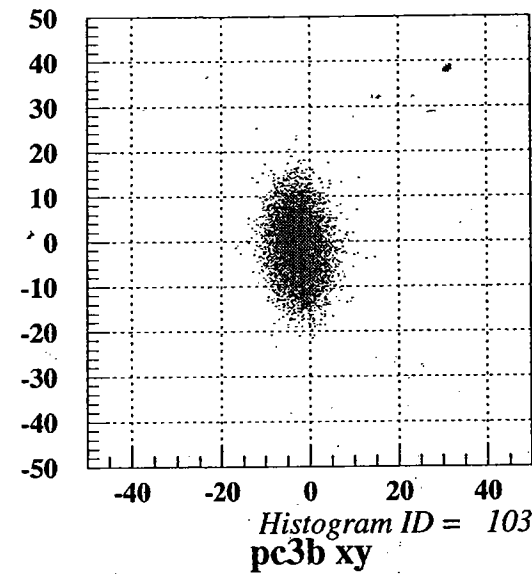
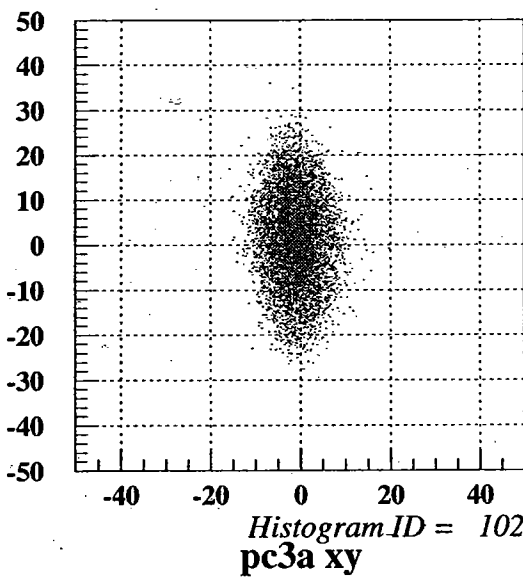
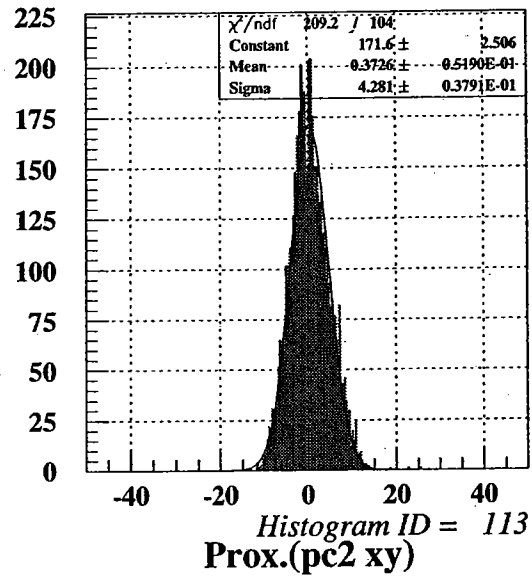
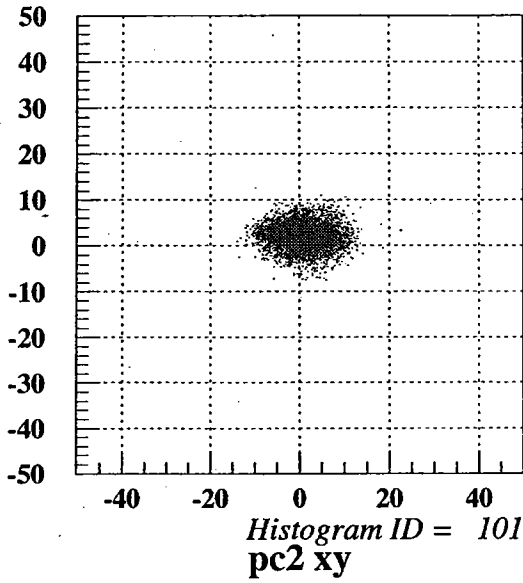
Start -- Sun Jun 6 11:51:37 2004
 Stop -- Sun Jun 6 12:21:03 2004

Scaler Name : Total

```

UNGATED : 1208661
GATED : 931206
NONE : 15264
F1PP T : 35
F2 SI : 0
CLEARS : 931105
F2PP T : 1237423
F3PPA T : 1212244
E1 : 1154483
PL 2 : 1215603
PL 3 : 1228425
CLOCK : 1763550
TGT NAI : 55688
TGT BAF : 148
MOMOTA : 1024
OKUNO : 21
FC : 4037
MOMOTA1 : 1027728
MOMOTA2 : 149083976
MOMOTA3 : 130491378
OKUNO1 : 799
OKUNO2 : 176
OKUNO3 : 210
F3PPB T : 1212780
LIVE TGT NAI : 41429
LIVE TGT BAF : 118
LIVE MOMOTA : 796
LIVE OKUNO : 19
LIVE FC : 3279
LIVE MOMOTA1 : 803990
LIVE MOMOTA2 : 116546576
LIVE MOMOTA3 : 102067033
  
```

Run 137



RIPS Control Summary

2004/06/06 12:16:21

	Parameter	Set Curr.	Read Curr.
Q1	1.3167	144.002	144.188
Q2	1.5337	114.899	113.554
Q3	0.7725	109.067	109.311
SX1	0.0000	0.1469	0.000
D1	0.2777	342.107	344.399
SX2	0.0000	0.1469	0.000
Q4	0.5572	59.4164	59.328
Q5	0.7942	74.3804	74.519
Q6	0.6197	66.2599	66.674
SX3	0.0000	0.1469	0.000
D2	0.2777	355.630	354.319
SX4	0.0000	0.1469	0.000
Q7	0.6468	91.2994	92.215
Q8	1.1259	95.2566	95.469
Q9	1.0222	111.568	111.852
Q10	1.1110	128.102	129.698
Q11	1.4205	140.568	104.351
Q12	1.1106	128.056	129.031

Target		F2	
Igt	194.6 mm	FC	Out
FC	Out	Rgt	50.1 mm
Up	24.0 mm	Lft	50.0 mm
Dwn	24.0 mm	PPAC	
Rgt	24.0 mm	SSD	-94.8 mm
Lft	23.8 mm	Out	
Lgt		Deg	-4.9 deg
		Pla	IN
F1		F3	
D1	119.8 mm	PPAC1	IN
Id	-135.1 mm	Rgt	49.9 mm
Rgt	5.0 mm	Lft	50.0 mm
Lft	5.0 mm	PPAC2	IN
Mom	Out	SSD	Out
Deg	Exp	Pla	IN
PPAC	Out	Lgt	

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Run number:	138	Tape:	13	Name:	SMC
Description:	Bp=2.21, Ta166, trigger F2PL				
Date:	6/6	Time:	1228		
Brho1:	2.21	Brho2:	2.21		
NMR1:	614.14	NMR2:	614.57		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

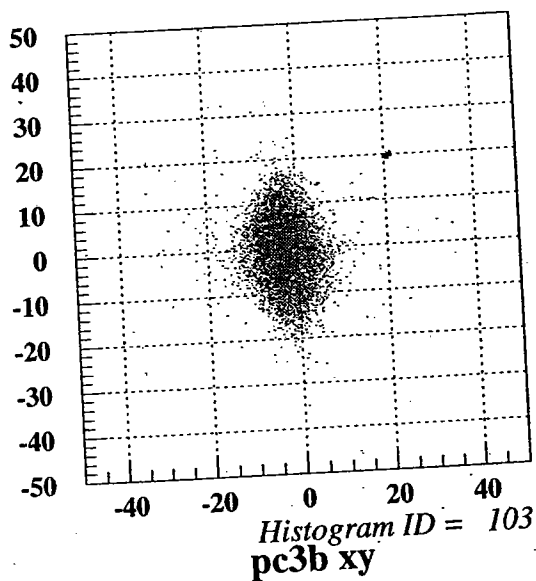
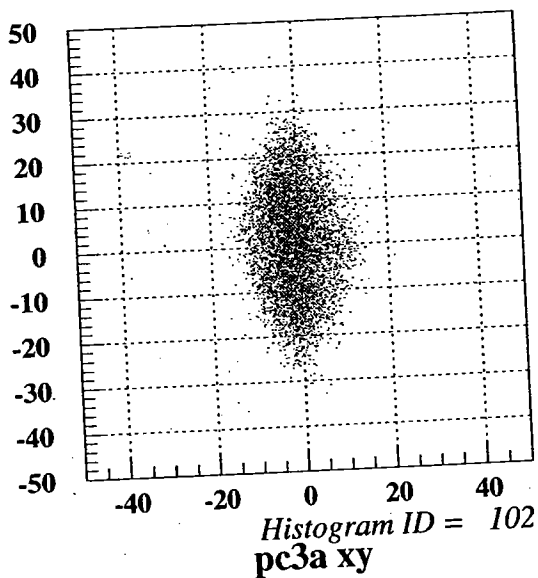
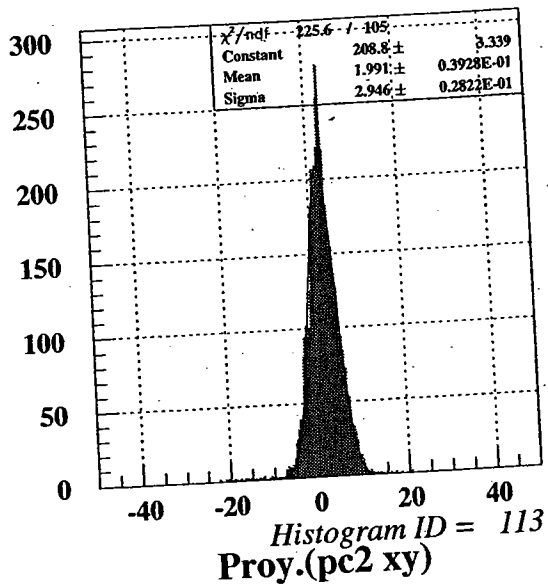
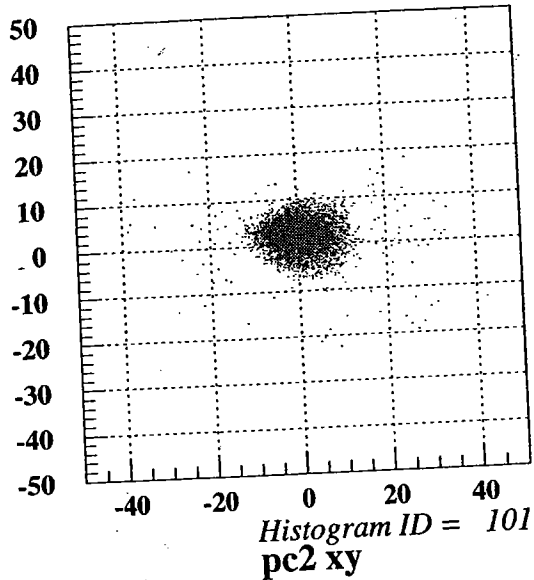
Bias voltage table (please compare to previous values)			
U dE=	95.8V	I dE=	6.00 0.38 μ A
U E1=	98.4	I E1=	1.75
U E2=	95.6	I E2=	0.35
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	600V
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	13520

06/06/04 12:57
 Run138
 prisca

Start -- Sun Jun 6 12:28:26 2004
 Stop -- Sun Jun 6 12:56:54 2004

Scaler Name : Total

- UNGATED : 1081036
- GATED : 848088
- NONE : 13902
- F1PP T : 41
- F2 SI : 0
- CLEAR : 848023
- F2PP T : 1094170
- F3PPA T : 1072411
- E1 : 1061931
- PL_2 : 1082234
- PL_3 : 1084485
- CLOCK : 1705702
- TGT_NAI : 462015
- TGT_BAF : 901
- MOMOTA : 17210
- OKUNO : 1563
- FC : 4097
- MOMOT1 : 1086959
- MOMOT2 : 145994941
- MOMOT3 : 162562060
- OKUNO1 : 27149
- OKUNO2 : 6703
- OKUNO3 : 3476
- F3PP T : 1065261
- LIVE_TGT_NAI : 360200
- LIVE_TGT_BAF : 722
- LIVE_MOMOTA : 13522
- LIVE_OKUNO : 1237
- LIVE_FC : 3341
- LIVE_MOMOT1 : 864098
- LIVE_MOMOT2 : 116075341
- LIVE_MOMOT3 : 129304696
- LIVE_OKUNO1 : 21386
- LIVE_OKUNO2 : 5276
- LIVE_OKUNO3 : 2743
- LIVE_CLOCK : 1358038



RIPS Control Summary 2004/06/06 12:41:25

Parameter	Set Curr.	Read Curr.	Target	F1	F2	F3
Q1	1.3167	144.002	144.188	Lgt 95.8 mm	FC Out	Rgt 50.1 mm
Q2	1.5337	114.899	113.554	FC Out	Up 24.0 mm	Lft 50.0 mm
Q3	0.7725	109.067	109.138	Down 24.0 mm	PPAC	SSD -94.8 mm
SX1	0.0000	0.1469	0.000	Rgt 24.0 mm	Deg Out	Deg -4.9 deg
D1	0.2777	342.107	344.399	Lft 23.8 mm	Lgt On	Pla IN
SX2	0.0000	0.1469	0.026			
Q4	0.5572	59.4164	59.437			
Q5	0.7942	74.3804	74.519			
Q6	0.6197	66.2599	66.511			
SX3	0.0000	0.1469	0.000			
D2	0.2777	355.6301	354.055	F1		F3
SX4	0.0000	0.1469	0.000	D1 119.8 mm		PPAC1 IN
Q7	0.6468	91.2994	92.215	Id -135.1 mm		Rgt 49.9 mm
Q8	1.1259	95.2566	95.390	Rgt 5.0 mm		Lft 50.0 mm
Q9	1.0222	111.568	111.758	Lft 5.0 mm		PPAC2 IN
Q10	1.1110	128.102	129.587	Moht Out		SSD Out
Q11	1.4205	140.568	138.998	Deg. Emp		Pla IN
Q12	1.1106	128.056	129.142	PPAC Out		Lgt
				Rot 0		deg.

att 1/30

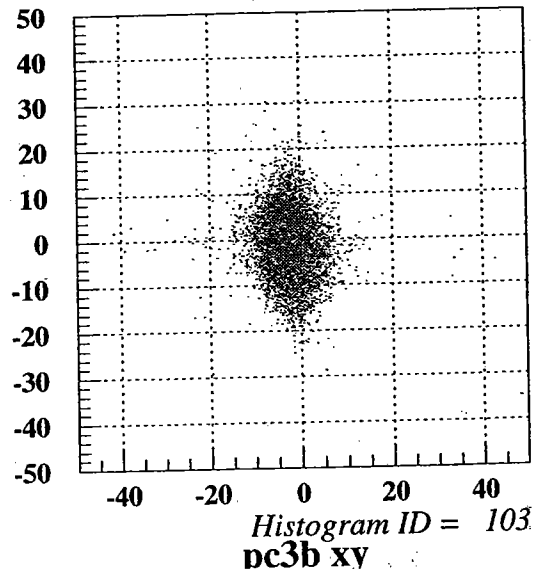
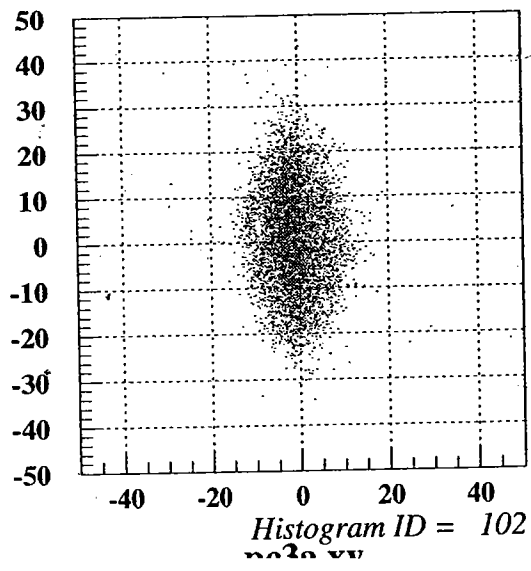
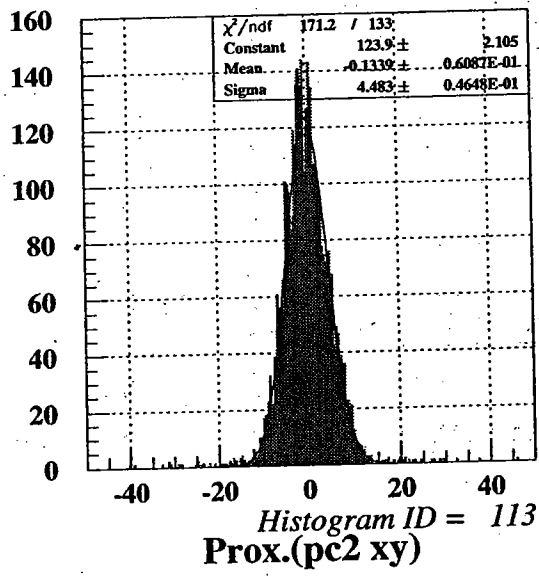
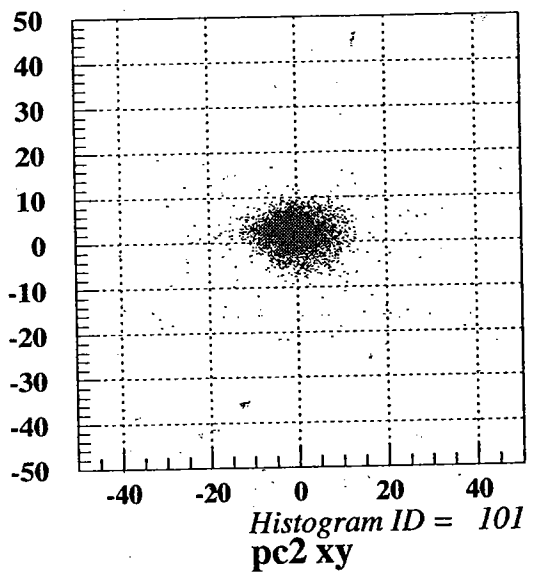
Run number:	139	Tape:	13	Name:	MBT
Description:	New BoS				
Date:	6/6	Time:	13:04		
Brho1:	2.23	Brho2:	2.23		
NMR1:	619.7	NMR2:	619.8		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	15 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-		I dE-	
U E1-		I E1-	
U E2-			
U E3-			
U E4-			
F1_PPAC=			
F2_PPAC=			
F3_PPACA=			
F3_PPACB=			

6/06/04 13:36		prisca
Run139		
Start -- Sun Jun 6 13:04:05 2004		
Stop -- Sun Jun 6 13:36:50 2004		
Scaler Name :	Total	
UNGATED :	1381124	
GATED :	1062467	
NONE :	17416	
F1PP T :	52	
F2 SI :	0	
CLEARs :	1062377	
F2PP T :	1397553	
F3PPA T :	1369784	
E1 :	1350094	
PL 2 :	1382192	
PL 3 :	1385110	
CLOCK :	1963224	
TGT_NAI :	542412	
TGT_BAF :	966	
MOMOTA :	20296	
OKUNO :	1856	
FC :	4797	
MOMOTA1 :	1222015	
MOMOTA2 :	167892816	
MOMOTA3 :	187280872	
OKUNO1 :	31810	
OKUNO2 :	7749	
OKUNO3 :	3949	
F3PPB T :	1361010	
LIVE TGT_NAI :	414082	
LIVE TGT_BAF :	725	
LIVE MOMOTA :	15523	
LIVE OKUNO :	1446	
LIVE FC :	3884	
LIVE MOMOTA1 :	949098	
LIVE MOMOTA2 :	130447399	
LIVE MOMOTA3 :	145585225	

RIPS Control Summary				2004/06/06 13:18:25	
Parameter	Det. Curr.	Read Curr.	Target	F2	
Q1	1.3167	145.3148	145.302	Tgt 95.8 mm	PG Out
Q2	1.5337	115.9415	114.266	PG Out	Ret 50.1 mm
Q3	0.7725	110.0560	110.437	Lp 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Dm 24.0 mm	PPAC
B1	0.2777	345.2092	347.573	Ret 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Det Out
Q4	0.5572	59.9686	59.983	Lft	Pla IN
Q5	0.7942	75.0676	75.261		
Q6	0.6197	66.8740	67.272		
SX3	0.0000	0.1469	0.000		
D2	0.2777	358.8184	358.021	F1	F3
SX4	0.0000	0.1469	0.000	D1 119.8 mm	PPAC1 IN
Q7	0.6468	92.1268	92.785	Ld -135.1 mm	Ret 49.9 mm
Q8	1.1259	96.1166	96.339	Ret 5.0 mm	Lft 50.0 mm
Q9	1.0222	112.5870	112.698	Lft 5.0 mm	PPAC2 IN
Q10	1.1110	129.2628	131.033	Mon Det	SSD Out
Q11	1.4205	141.8382	139.678	Det Det	Pla IN
Q12	1.1106	129.2161	130.254	PPAC Out	Lgt
Focus	Brho	Ta-F1	2.2300 In	Ret 0 deg	
F1-F2	2.2300 In	F2-F3	2.2300 In		

att. 1
300



Run number:	140	Tape:	13	Name:	SAC
Description:					
Date:	6/6	Time:	1343		
Brho1:	2.23	Brho2:	2.230		
NMR1:	619.610	NMR2:	619.83		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	15 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)	
U dE=	I dE=
U E1=	I E1=
U E2=	I E2=
U E3=	I E3=
U E4=	I E4=
F1_PPAC=	NaI(Tl) 1=
F2_PPAC=	NaI(Tl) 2=
F3_PPACA=	NaI(Tl) 3=
F3_PPACB=	BaF=

Start -- Sun Jun 6 13:43:52 2004
 Stop -- Sun Jun 6 14:12:04 2004

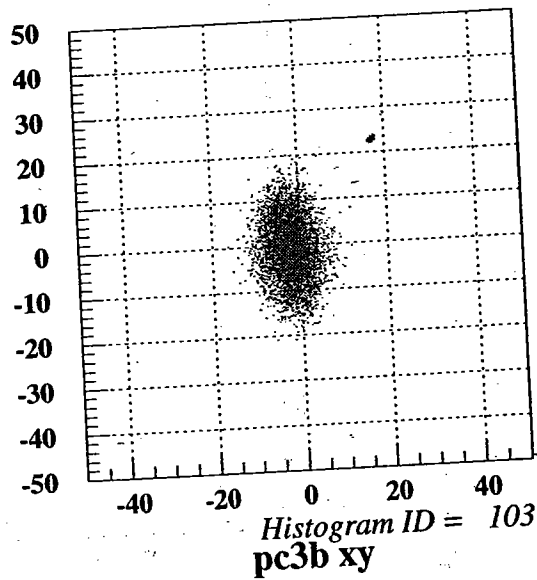
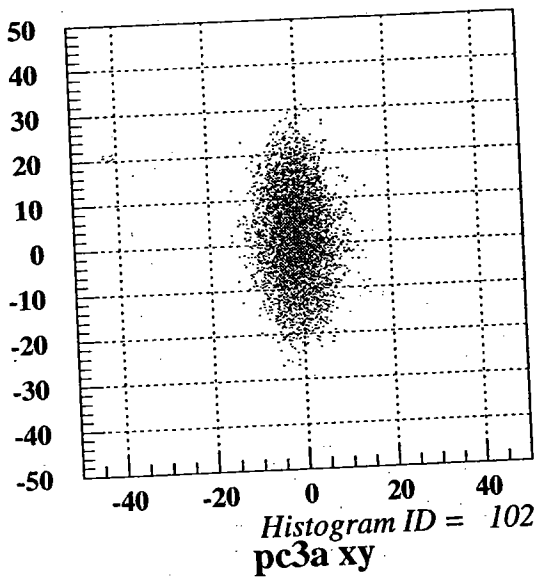
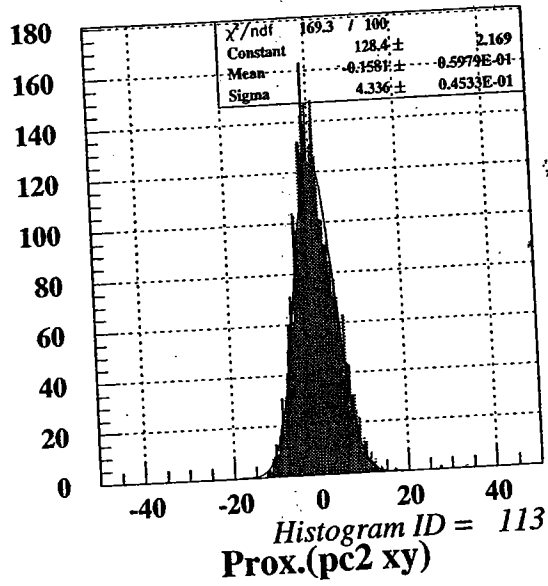
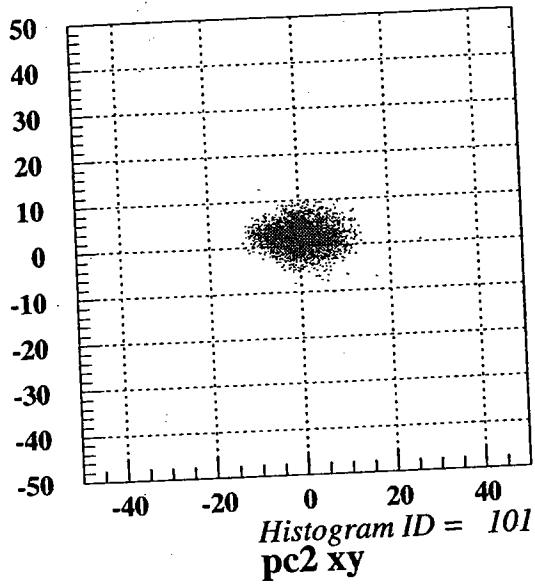
Scaler Name: Total

```

UNGATED : 1130645
GATED : 883589
NONE : 14484
F1PP T : 28
F2 SI : 0
CLEARS : 883525
F2PP T : 1157631
F3PPA T : 1134796
E1 : 1084272
PL 2 : 1138104
PL 3 : 1149984
CLOCK : 1690322
TGT NAI : 51410
TGT_BAF : 154
MOMOTA : 946
OKUNO : 20
FC : 4159
MOMOTA1 : 1060103
MOMOTA2 : 143513389
MOMOTA3 : 125158292
OKUNO1 : 706
OKUNO2 : 158
OKUNO3 : 200
F3PPB T : 1134983
LIVE_TGT NAI : 39041
LIVE_TGT_BAF : 121
LIVE_MOMOTA : 736
LIVE_OKUNO : 12
LIVE_FC : 3392
LIVE_MOMOTA1 : 833097
LIVE_MOMOTA2 : 112575570
LIVE_MOMOTA3 : 98232213
  
```

Run 140

De(9c)



2004/06/06 13:55:20

Parameter	Set	Cur.	Read	Cur.	Target	F2
Q1	1.3167	145.3146	145.191		Tgt 194.6 mm	FC Out
Q2	1.5337	115.9415	114.503		Rgt 50.1 mm	
Q3	0.7725	110.0566	110.437		Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000		Down 24.0 mm	PPAC
D1	0.2777	345.2092	347.838		Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000		Lft 23.8 mm	Deg Out
Q4	0.5572	59.9686	59.874		Lgt	Pla IN
Q5	0.7942	75.0676	75.200			
Q6	0.6197	66.8740	67.218			
SX3	0.0000	0.1469	0.021			
D2	0.2777	358.8184	358.021		F1	F3
SX4	0.0000	0.1469	0.000		D1 119.8 mm	PPAC1 IN
Q7	0.6468	92.1268	92.866		Id -135.1 mm	Rgt 49.9 mm
Q8	1.1259	96.1166	96.339		Rgt 5.0 mm	Lft 50.0 mm
Q9	1.0222	112.5876	112.885		Lft 5.0 mm	PPAC2 IN
Q10	1.1110	129.2624	131.144		Mom Out	SSD Out
Q11	1.4205	141.8382	140.765		Deg Exp	Pla IN
Q12	1.1106	129.2161	130.254		PPAC Out	Lgt
Focus		Brho	TA-F1 2.2300	Tm	Rot 0	deg.
F2	2.2300	TA	F2-F3 2.2300	Tm		

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1
36,000

Run number:	140141	Tape:	14	Name:	JMC
Description:	Rp = 225, Be 92 tgt, F2PL trigger				
Date:	6/6	Time:	614		
Brho1:	2.25	Brho2:	2.25		
NMR1:	625.188	NMR2:	625.402		
Target:	Be(92)	Ta(166)	Be(115) · Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8 V	I dE=	0.41 μ A
U E1=	98.4	I E1=	1.38
U E2=	95.6	I E2=	0.36
U E3=	95.3	I E3=	0.15
U E4=	98.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl) 1=	0.60
F2_PPAC=	-751	NaI(Tl) 2=	
F3_PPACA=	-755	NaI(Tl) 3=	
F3_PPACB=	-755	BaF=	1352.0

Start -- Sun Jun 6 14:20:05 2004
 Stop -- Sun Jun 6 14:50:14 2004

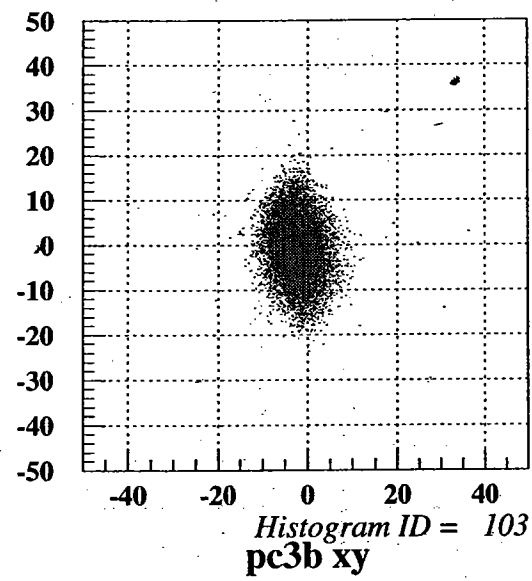
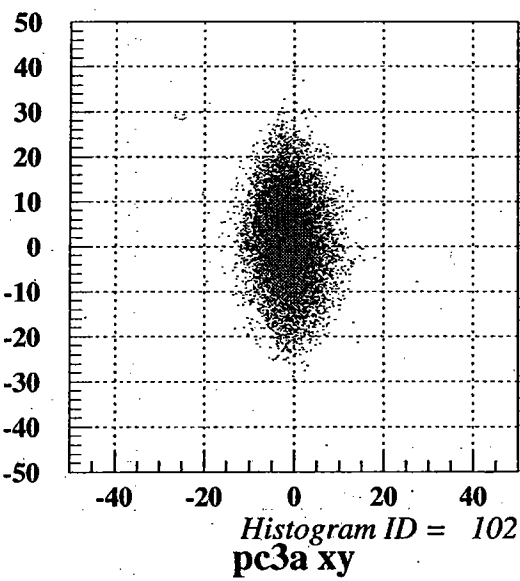
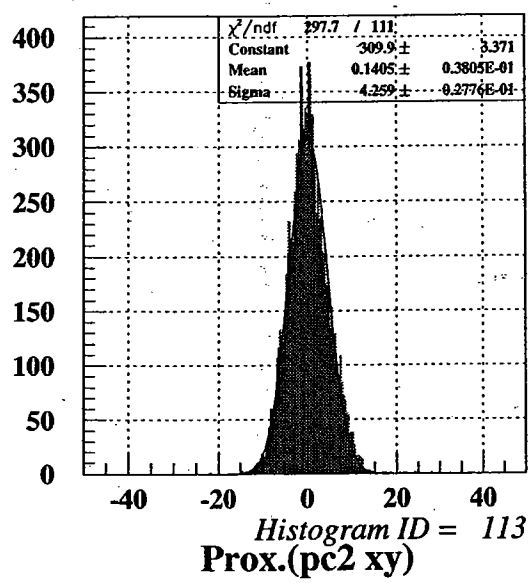
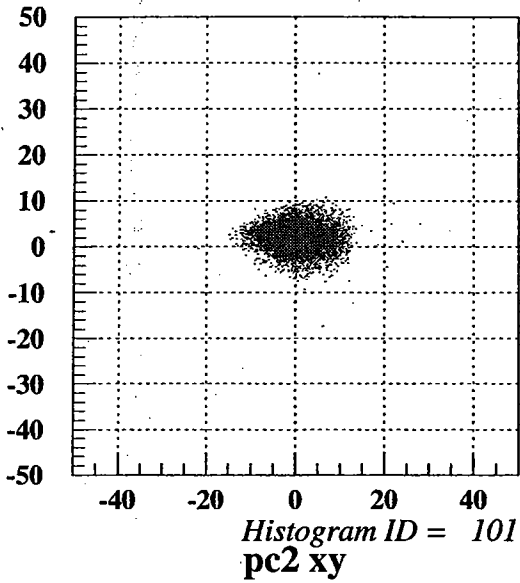
Scaler Name : Total

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UNGATED : 1336377
GATED : 1016952
NONE : 16670
F1PP T : 41
F2 SI : 0
CLEARS : 1016871
F2PP T : 1366514
F3PPA T : 1343001
E1 : 1275824
PL 2 : 1346952
PL 3 : 1361419
CLOCK : 1806108
TGT_NAI : 60712
TGT_BAF : 178
MOMOTA : 1139
OKUNO : 31
FC : 4483
MOMOTA1 : 1124187
MOMOTA2 : 153488355
MOMOTA3 : 133897123
OKUNO1 : 880
OKUNO2 : 192
OKUNO3 : 218
F3PPB T : 1343170
LIVE_TGT_NAI : 45223
LIVE_TGT_BAF : 134
LIVE_MOMOTA : 888
LIVE_OKUNO : 23
LIVE_FC : 3542
LIVE_MOMOTA1 : 857744
LIVE_MOMOTA2 : 117050497

```

Run 141 - BP = 2.25 Be (92)



RIPS Control Summary

2004/06/06 14:36:34

Q#	Parameter	Set	Cur	Recl	Unit	Target	F1	F2
Q1	1.3167	146.6271	146.528			Rgt 194.5 mm	RC	Out
Q2	1.5337	116.9830	115.453			Rgt 24.0 mm	Rgt	50.1 mm
Q3	0.7725	111.0442	110.784			Lft 24.0 mm	Lft	50.0 mm
SX1	0.0000	0.1469	0.000			Dep 24.0 mm	PPAC	
Q1	0.2777	348.3110	351.276			Rgt 24.0 mm	SSD	-94.8 mm
SX2	0.0000	0.1469	0.000			Lft 23.8 mm	Deg	-4.9 deg
Q4	0.5572	60.5207	60.474			Lft	Pla	IN
Q5	0.7942	75.7548	75.880					
Q6	0.6197	67.4881	67.816					
SX3	0.0000	0.1469	0.000					
Q2	0.2777	362.0714	361.194				F1	F3
SX4	0.0000	0.1469	0.000			D1 119.8 mm	PPAC1	IN
Q7	0.6468	92.9542	94.167			Ld -135.1 mm	Rgt	49.9 mm
Q8	1.1259	96.9767	96.972			Rgt 5.0 mm	Lft	50.0 mm
Q9	1.0222	113.6064	113.825			Lft 5.0 mm	PPAC2	IN
Q10	1.1110	130.4232	132.368			Mon Out	SSD	Out
Q11	1.4205	143.1077	141.444			Deg Exp	Pla	IN
Q12	1.1106	130.3761	131.589				Lft	

att. 1
36,000

Run number:	142	Tape:	14	Name:	JMC
Description:	B _p = 2.25, Ta166, FZPL target				
Date:	6/6	Time:	1455		
Brho1:	2.25	Brho2:	2.25		
NMR1:	625.184	NMR2:	625.469		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	15 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)	
U dE=	I dE=
U E1=	I E1=
U E2=	I E2=
U E3=	I E3=
U E4=	I E4=
F1_PPAC=	NaI(Tl)_1=
F2_PPAC=	NaI(Tl)_2=
F3_PPACA=	NaI(Tl)_3=
F3_PPACB=	BaF=

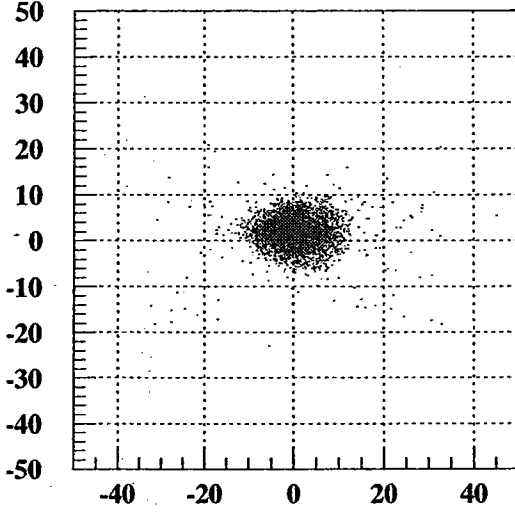
Start -- Sun Jun 6 14:55:25 2004
 Stop -- Sun Jun 6 15:28:34 2004

Scaler Name : Total

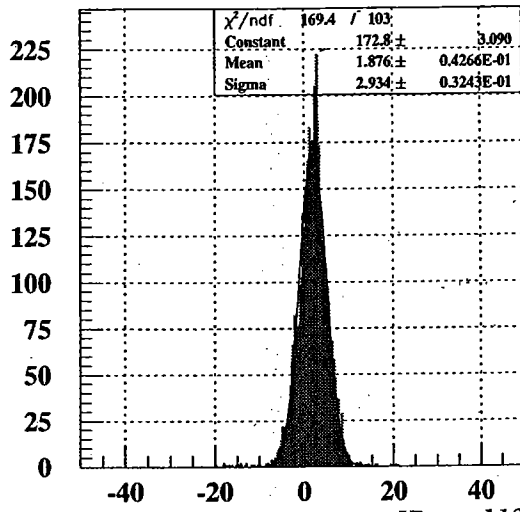
```

UNGATED : 1167681
GATED : 937020
NONE : 15360
F1PP T : 54
F2 SI : 0
CLEARS : 936961
F2PP T : 1184403
F3PPA T : 1162255
E1 : 1146706
PL 2 : 1172245
PL 3 : 1174941
CLOCK : 1987033
TGT NAI : 441297
TGT BAF : 759
MOMOTA : 16649
OKUNO : 1511
FC : 5030
MOMOTA1 : 1239127
MOMOTA2 : 168746866
MOMOTA3 : 147324279
OKUNO1 : 25399
OKUNO2 : 6211
OKUNO3 : 3217
F3PPB T : 1154873
LIVE TGT NAI : 351239
LIVE TGT BAF : 611
LIVE MOMOTA : 13370
LIVE OKUNO : 1203
LIVE FC : 4137
LIVE MOMOTA1 : 998810
LIVE MOMOTA2 : 135970937

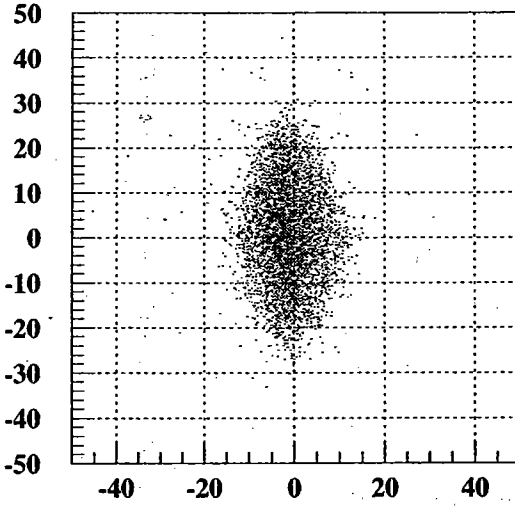
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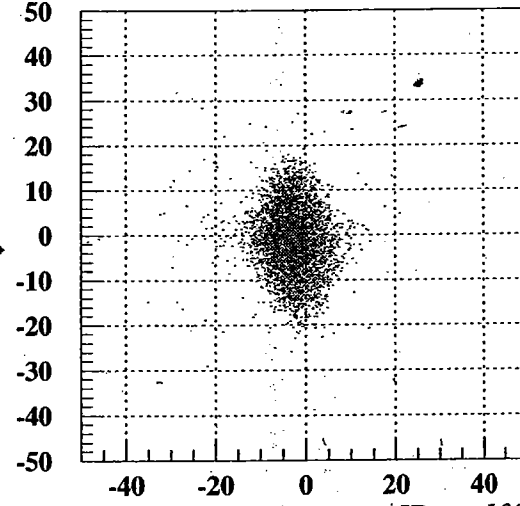
Histogram ID = 101
pc2 xy



Histogram ID = 113
Proj.(pc2 xy)



Histogram ID = 102
pc3a xy



Histogram ID = 103
pc3b xy

RIPS Control Summary				2004/06/06 15:11:10	
Parameter	Set	Cur	Read	Target	F2
Q1	1.3167	146.6271	146.639	Det 95.8 mm	FC Out
Q2	1.5337	116.9830	115.334		Rgt 50.1 mm
Q3	0.7725	111.0442	111.044	FC Out	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Up 24.0 mm	PPAC
U1	0.2777	348.3110	350.747	Dwn 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Ret 24.0 mm	Deg Out
Q4	0.5572	60.5207	60.419	Lft 23.8 mm	-4.9 deg
Q5	0.7942	75.7548	75.880	Lgt	Pla IN
Q6	0.6197	67.4881	67.762		
SX3	0.0000	0.1469	0.000		
D2	0.2777	362.0710	361.459		
SX4	0.0000	0.1469	0.000		
Q7	0.6468	92.9542	94.004	F1	F3
Q8	1.1259	96.9767	97.209	Dl 119.8 mm	PPAC1 IN
Q9	1.0222	113.6060	113.731	ld -135.1 mm	Rgt 49.9 mm
Q10	1.1110	130.4230	132.034	Rgt 5.0 mm	Lft 50.0 mm
Q11	1.4205	143.1070	141.036	Lft 5.0 mm	PPAC2 IN
Q12	1.1106	130.3761	131.367	Mon Out	SSD Out
				Deg Exp	Pla IN
				ppac out	Lft

att 1
600

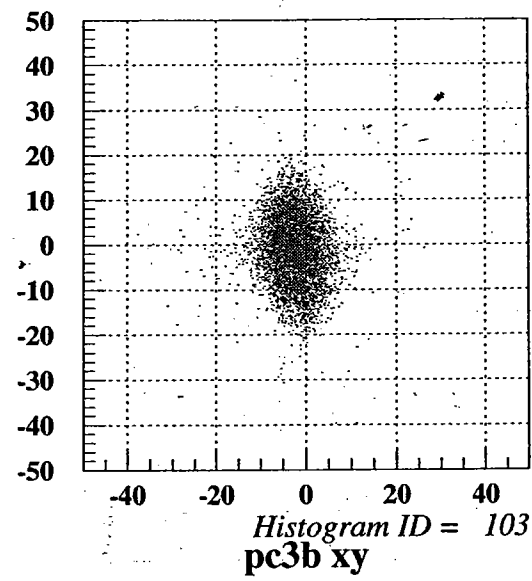
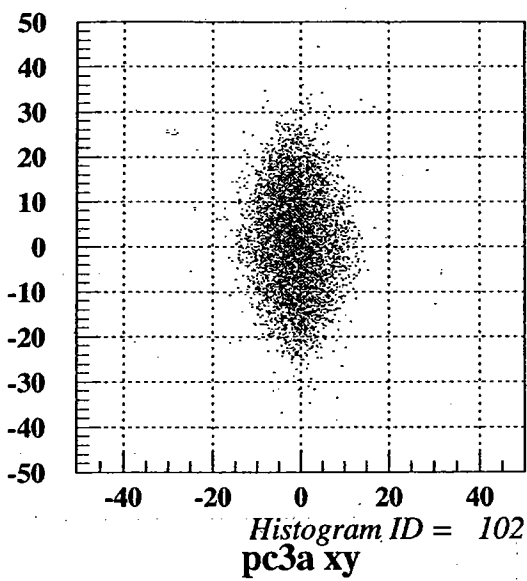
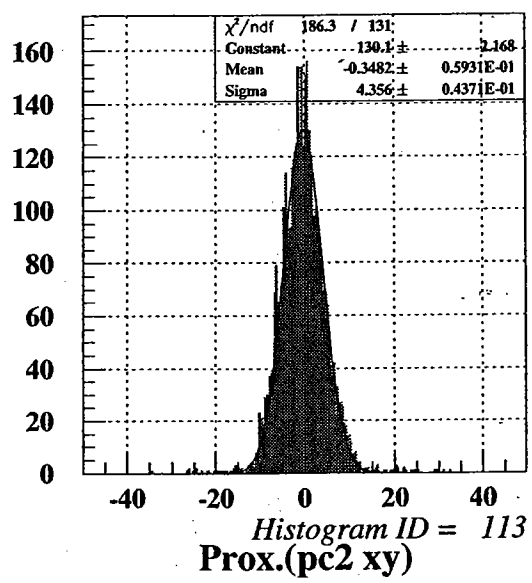
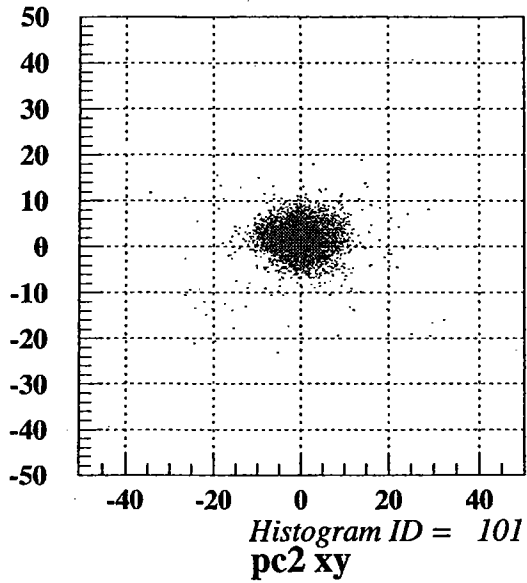
Run number:	143	Tape:	14	Name:	JMC
Description:	BP=227 Ta166, F2PL trigger				
Date:	6/6	Time:	1534		
Brho1:	227	Brho2:	227		
NMR1:	630.695	NMR2:	630.880		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	15 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U_dE-	0.958V	I_dE-	0.39 μ A
U_E1-	98.6	I_E1-	1.88
U_E2-	95.6	I_E2-	0.38
U_E3-	95.3	I_E3-	0.15
U_E4-	95.4	I_E4-	0.21
F1_PPAC=	-748	NaI(Tl)_1=	600V
F2_PPAC=	-751	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1352.0V

Start -- Sun Jun 6 15:34:17 2004
 Stop -- Sun Jun 6 16:05:47 2004

Scaler Name : Total

UNGATED : 1179156
 GATED : 934577
 NONE : 15320
 F1PP T : 57
 F2 SI : 0
 CLEARS : 934521
 F2PP T : 1195841
 F3PPA T : 1173369
 E1 : 1151777
 PL 2 : 1183462
 PL 3 : 1186464
 CLOCK : 1887986
 TGT NAI : 419642
 TGT BAF : 749
 MOMOTA : 15835
 OKUNO : 1459
 FC : 4737
 MOMOTA1 : 1143564
 MOMOTA2 : 160103334
 MOMOTA3 : 139750301
 OKUNO1 : 24540
 OKUNO2 : 5999
 OKUNO3 : 3090
 F3PPB T : 1166279
 LIVE TGT NAI : 329709
 LIVE TGT BAF : 592
 LIVE MOMOTA : 12506
 LIVE OKUNO : 1164
 LIVE FC : 3905
 LIVE MOMOTA1 : 911085
 LIVE MOMOTA2 : 127448112
 LIVE MOMOTA3 : 111205102



RIPS Control Summary

2004/06/06 15:53:57

Parameter	Set	Cur	Read	Cur	Target	F2
01	1.3167	147.939	147.976		Rgt 95.8 mm	FC Out
02	1.5337	118.024	116.758		FC Out	Rgt 50.1 mm
03	0.7725	112.032	112.170		Up 24.0 mm	Lft 50.0 mm
04	0.0000	0.1469	0.000		Down 24.0 mm	PPAC
05	0.2777	351.412	353.921		Rgt 24.0 mm	SSD -94.8 mm
06	0.0000	0.1469	0.026		Lft 23.8 mm	Det
07	0.5572	61.0729	61.019		Lgt	Deg -4.9 deg
08	0.7942	76.4419	76.623			Pla IN
09	0.6197	68.1021	68.523			
010	0.0000	0.1469	0.000			
011	0.2777	365.227	364.367			
012	0.0000	0.1469	0.000			
013	0.6468	93.7816	94.818			
014	1.1259	97.8368	98.000			
015	1.0222	114.625	114.671			
016	1.1110	131.583	133.480			
017	1.4205	144.377	142.803			
018	1.1106	131.536	132.590			

att. 1
600

Run number:	144	Tape:	14	Name:	JMC
Description:	Bp = 2.27, Be92, F2 F2 PL trigger				
Date:	6/6	Time:	16:12		
Brho1:	2.27	Brho2:	2.27		
NMR1:	630.56	NMR2:	630.85		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN (OUT)		
Wedge:	(none)	100mg/Al	60mg/Al		
F2 slit:	(open)				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1 Plastic/F2 Plastic				

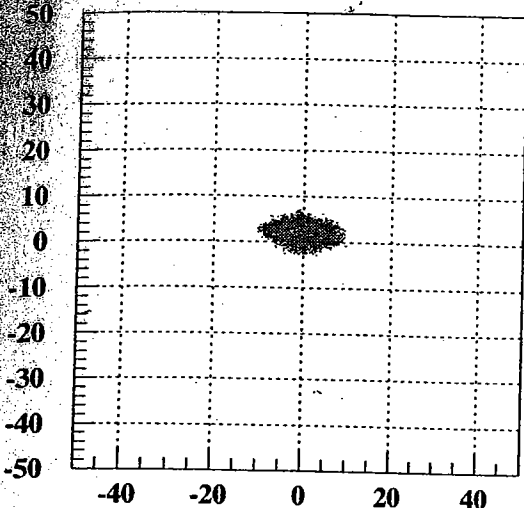
Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.44
U E1=	98.6	I E1=	1.92
U E2=	95.6	I E2=	0.38
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.22
F1_PPAC=	-248	NaI(Tl)_1=	600
F2_PPAC=	-251	NaI(Tl)_2=	
F3_PPACA=	-255	NaI(Tl)_3=	
F3_PPACB=	-258	BaF=	1352

2004/06/06 16:30:08

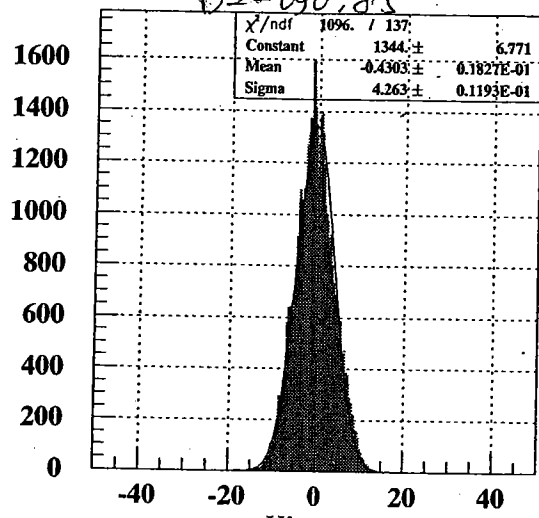
RIPS Control Summary

Parameter	Set	Curr.	Read	Curr.	Target	F2
Q1	1.3167	147.939	147.976		Tgt 194.6 mm	FC Out
Q2	1.5337	118.024	116.758		FC Out	Rgt 50.1 mm
Q3	0.7725	112.032	112.256		Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000		Dwn 24.0 mm	PPAC
D1	0.2777	351.412	353.921		Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000		Lft 23.8 mm	Deg Out
Q4	0.5572	61.0729	60.964		Lgt	Pla IN deg.
Q5	0.7942	76.4419	76.623			
Q6	0.6197	68.1021	68.414			
SX3	0.0000	0.1469	0.000			
D2	0.2777	365.227	364.632		F1	F3
SX4	0.0000	0.1469	0.000		D1 119.8 mm	PPAC1 IN
Q7	0.6468	93.7816	94.899		ld -135.1 mm	Rgt 49.9 mm
Q8	1.1259	97.8368	97.921		Rgt 5.0 mm	Lft 50.0 mm
Q9	1.0222	114.625	114.671		Lft 5.0 mm	PPAC2 IN
Q10	1.1110	131.583	133.369		Mom Out	SSD Out
Q11	1.4205	144.377	142.667		Deg Emp	Pla IN
Q12	1.1106	131.536	132.702		PPAC Out	Lgt

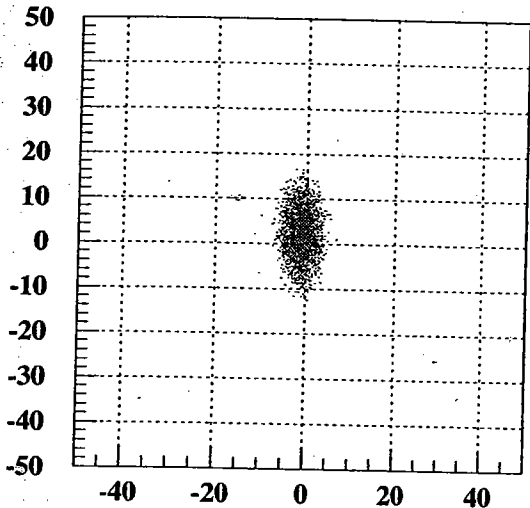
Focus Brho TA-F1 2.2700 Tm



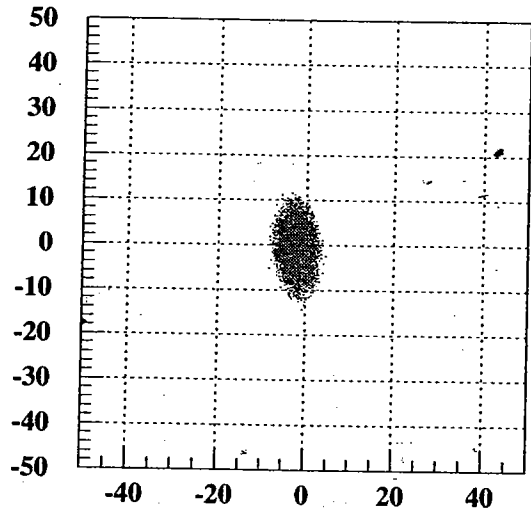
Histogram ID = 112
pc2 xy



Histogram ID = 126
Prox.(pc2 xy)



Histogram ID = 113
pc3a xy



Histogram ID = 114

6/06, 04 16:39 prisca

Run144

Start -- Sun Jun 6 16:12:02 2004
Stop -- Sun Jun 6 16:39:36 2004

Scaler Name : Total

UNGATED :	1066117
GATED :	840027
NONE :	13770
F1PP_T :	38
F2_SI :	0
CLEARs :	839971
F2PP_T :	1088242
F3PPA_T :	1069359
E1 :	1020910
PL_2 :	1072178
PL_3 :	1083880
CLOCK :	1651343
TGT_NAI :	50838
TGT_BAF :	147
MOMOTA :	962
OKUNO :	23
FC :	4169
MOMOTA1 :	1016263
MOMOTA2 :	140091828
MOMOTA3 :	124822446
OKUNO1 :	686
OKUNO2 :	159
OKUNO3 :	167
F3PPB_T :	1069548
LIVE_TGT_NAI :	39311
LIVE_TGT_BAF :	120
LIVE_MOMOTA :	764
LIVE_OKUNO :	17
LIVE_FC :	3377
LIVE_MOMOTA1 :	803584
LIVE_MOMOTA2 :	110713885
LIVE_MOMOTA3 :	98674918

Beam Intensity Calibrations (clock trigger)

Run # r1 cal.	Beam I	BI range	Tgt Be	BaFV 1350	NaI 100 100	FC in/	
145	150	300				IN	
146	no beam (background measurement)					↓	IN
147	no beam						out
148	beam in						out
149	beam in att: 0.1; scin in						out
150	att 1/6						

Tgt - Be

Run #	Beam I	BI range	att	Scin in	FC out	slits ±5mm	BaF 1350	NaI en momenta	
151	junk		1/10			↓		600	
152			1/20						
153			1/20						
154			1/60						
155			1/30						
156			1/60						
157			1/600						
158			1/600						±50mm.
159			1/1000						"
160			1/2000						"
161			1/2000						"
162			1/6000						"
163			no beam, background measurement						"
164					1/600				

~~165~~

165 $B_{S_{1,2}} = 2.7214$ $^{86}Kr^{33+}$ Att 1/600 #2 SSD in

Run145

Start -- Sun Jun 6 17:16:11 2004
Stop -- Sun Jun 6 17:16:40 2004

Scaler Name : Total
Table with 2 columns: Scaler Name, Total. Rows include UNGATED, GATED, NONE, F1PP T, F2 SI, CLEARS, F2PP T, F3PPA T, E1, PL 2, PL 3, CLOCK, TGT NAI, TGT_BAF, MOMOTA, OKUNO, FC, MOMOTA1, MOMOTA2, MOMOTA3, OKUNO1, OKUNO2, OKUNO3, F3PPB T, LIVE TGT NAI, LIVE TGT_BAF, LIVE MOMOTA, LIVE OKUNO, LIVE FC, LIVE MOMOTA1, LIVE MOMOTA2, LIVE MOMOTA3, LIVE OKUNO1, LIVE OKUNO2, LIVE OKUNO3, LIVE_CLOCK.

Run146

Start -- Sun Jun 6 17:17:26 2004
Stop -- Sun Jun 6 17:19:51 2004

Scaler Name : Total
Table with 2 columns: Scaler Name, Total. Rows include UNGATED, GATED, NONE, F1PP T, F2 SI, CLEARS, F2PP T, F3PPA T, E1, PL 2, PL 3, CLOCK, TGT NAI, TGT_BAF, MOMOTA, OKUNO, FC, MOMOTA1, MOMOTA2, MOMOTA3, OKUNO1, OKUNO2, OKUNO3, F3PPB T, LIVE TGT NAI, LIVE TGT_BAF, LIVE MOMOTA, LIVE OKUNO, LIVE FC, LIVE MOMOTA1, LIVE MOMOTA2, LIVE MOMOTA3, LIVE OKUNO1, LIVE OKUNO2, LIVE OKUNO3, LIVE_CLOCK.

Run 145, 146

147-157

RIPS Control Summary 2004/06/06 17:24:40
Table with columns: Parameter, Set, Curr, Read, Curr, Target, F2. Rows include Q1-Q12, Focus, Brho, TA-F1, F2-F3, Rot.

Summary 2004/06/06 17:31:49
Table with columns: Target, F2. Rows include Tgt, Up, Dwn, Ret, Lft, Deg, F1, F3, D1, Id, Ret, Lft, Mon, Deg, PPAC, Rot.

Run147

Start -- Sun Jun 6 17:20:38 2004
 Stop -- Sun Jun 6 17:22:24 2004

Scaler Name :	Total
UNGATED :	11590
GATED :	11590
NONE :	190
F1PP_T :	4
F2_SI :	0
CLEARs :	11591
F2PP_T :	73
F3PPA_T :	11
E1 :	65
PL_2 :	0
PL_3 :	1
CLOCK :	104809
TGT_NAI :	2
TGT_BAF :	6
MOMOTA :	0
OKUNO :	0
FC :	288
MOMOTA1 :	64913
MOMOTA2 :	8924951
MOMOTA3 :	7821833
OKUNO1 :	2
OKUNO2 :	1
OKUNO3 :	5
F3PPB_T :	3
LIVE_TGT_NAI :	2
LIVE_TGT_BAF :	6
LIVE_MOMOTA :	0
LIVE_OKUNO :	0
LIVE_FC :	274
LIVE_MOMOTA1 :	61915
LIVE_MOMOTA2 :	8520407
LIVE_MOMOTA3 :	7467192
LIVE_OKUNO1 :	2
LIVE_OKUNO2 :	1
LIVE_OKUNO3 :	4
LIVE_CLOCK :	103967

Run148

Start -- Sun Jun 6 17:24:26 2004
 Stop -- Sun Jun 6 17:25:36 2004

Scaler Name :	Total
UNGATED :	7564
GATED :	7564
NONE :	124
F1PP_T :	169
F2_SI :	0
CLEARs :	7565
F2PP_T :	1011707
F3PPA_T :	36
E1 :	43
PL_2 :	1108638
PL_3 :	4
CLOCK :	69853
TGT_NAI :	0
TGT_BAF :	59735
MOMOTA :	557587
OKUNO :	11715
FC :	6
MOMOTA1 :	925345
MOMOTA2 :	15363636
MOMOTA3 :	14585752
OKUNO1 :	401437
OKUNO2 :	87347
OKUNO3 :	59270
F3PPB_T :	8
LIVE_TGT_NAI :	0
LIVE_TGT_BAF :	57168
LIVE_MOMOTA :	533316
LIVE_OKUNO :	11203
LIVE_FC :	6
LIVE_MOMOTA1 :	885825
LIVE_MOMOTA2 :	14749785
LIVE_MOMOTA3 :	13955288
LIVE_OKUNO1 :	383601
LIVE_OKUNO2 :	83468
LIVE_OKUNO3 :	56641
LIVE_CLOCK :	69452

Run149

Start -- Sun Jun 6 17:27:06 2004
 Stop -- Sun Jun 6 17:28:08 2004

Scaler Name :	Total
UNGATED :	6466
GATED :	6466
NONE :	106
F1PP_T :	84
F2_SI :	0
CLEARs :	6467
F2PP_T :	552360
F3PPA_T :	37
E1 :	46
PL_2 :	606260
PL_3 :	1
CLOCK :	61788
TGT_NAI :	0
TGT_BAF :	32284
MOMOTA :	288991
OKUNO :	6491
FC :	37
MOMOTA1 :	527200
MOMOTA2 :	9761472
MOMOTA3 :	9630346
OKUNO1 :	218374
OKUNO2 :	47367
OKUNO3 :	32678
F3PPB_T :	6
LIVE_TGT_NAI :	0
LIVE_TGT_BAF :	30903
LIVE_MOMOTA :	276899
LIVE_OKUNO :	6235
LIVE_FC :	33
LIVE_MOMOTA1 :	505360
LIVE_MOMOTA2 :	9374651
LIVE_MOMOTA3 :	9226077
LIVE_OKUNO1 :	209164
LIVE_OKUNO2 :	45403
LIVE_OKUNO3 :	31279

Run150

Start -- Sun Jun 6 17:29:20 2004
 Stop -- Sun Jun 6 17:31:22 2004

Scaler Name :	Total
UNGATED :	12322
GATED :	12322
NONE :	202
F1PP_T :	53
F2_SI :	0
CLEARs :	12323
F2PP_T :	322113
F3PPA_T :	31
E1 :	145
PL_2 :	352140
PL_3 :	0
CLOCK :	121373
TGT_NAI :	45
TGT_BAF :	17872
MOMOTA :	167042
OKUNO :	3693
FC :	244
MOMOTA1 :	363880
MOMOTA2 :	12914342
MOMOTA3 :	11639025
OKUNO1 :	127106
OKUNO2 :	27469
OKUNO3 :	18861
F3PPB_T :	8
LIVE_TGT_NAI :	42
LIVE_TGT_BAF :	17099
LIVE_MOMOTA :	159442
LIVE_OKUNO :	3512
LIVE_FC :	242
LIVE_MOMOTA1 :	347611
LIVE_MOMOTA2 :	12376931
LIVE_MOMOTA3 :	11144576
LIVE_OKUNO1 :	121107
LIVE_OKUNO2 :	26191
LIVE_OKUNO3 :	18124
LIVE_CLOCK :	121238

m151

art -- Sun Jun 6 17:34:03 2004
 op -- Sun Jun 6 17:36:42 2004

Scaler Name : Total

UNGATED :	16226
GATED :	16226
NONE :	266
F1PP T :	40
F2 SI :	0
CLEARs :	16227
F2PP T :	260890
F3PPA T :	31
E1 :	127
PL 2 :	284218
PL 3 :	1
CLOCK :	158428
TGT NAI :	1700543
TGT BAF :	14532
MOMOTA :	134644
OKUNO :	2995
FC :	362
MOMOTA1 :	334417
MOMOTA2 :	15633199
MOMOTA3 :	13944245
OKUNO1 :	102610
OKUNO2 :	22526
OKUNO3 :	15197
F3PPB T :	7
LIVE TGT NAI :	1626211
LIVE TGT BAF :	13916
LIVE MOMOTA :	129032
LIVE OKUNO :	2860
LIVE FC :	352
LIVE MOMOTA1 :	320535
LIVE MOMOTA2 :	14986424
LIVE MOMOTA3 :	13358929
LIVE OKUNO1 :	98459
LIVE OKUNO2 :	21605
LIVE OKUNO3 :	14527
LIVE_CLOCK :	158159

Run153

Start -- Sun Jun 6 17:38:12 2004
 Stop -- Sun Jun 6 17:40:23 2004

Scaler Name : Total

UNGATED :	13786
GATED :	13786
NONE :	226
F1PP T :	21
F2 SI :	0
CLEARs :	13787
F2PP T :	126612
F3PPA T :	20
E1 :	124
PL 2 :	138516
PL 3 :	0
CLOCK :	130160
TGT NAI :	3398657
TGT BAF :	7107
MOMOTA :	66263
OKUNO :	1448
FC :	323
MOMOTA1 :	197770
MOMOTA2 :	12156450
MOMOTA3 :	10771112
OKUNO1 :	50201
OKUNO2 :	10807
OKUNO3 :	7323
F3PPB T :	5
LIVE TGT NAI :	3251758
LIVE TGT BAF :	6797
LIVE MOMOTA :	63406
LIVE OKUNO :	1380
LIVE FC :	305
LIVE MOMOTA1 :	189277
LIVE MOMOTA2 :	11634532
LIVE MOMOTA3 :	10303751
LIVE OKUNO1 :	48082
LIVE OKUNO2 :	10349
LIVE OKUNO3 :	7001
LIVE_CLOCK :	129618

Run154

Start -- Sun Jun 6 17:41:02 2004
 Stop -- Sun Jun 6 17:44:08 2004

Scaler Name : Total

UNGATED :	19154
GATED :	19154
NONE :	314
F1PP T :	9
F2 SI :	0
CLEARs :	19155
F2PP T :	61194
F3PPA T :	33
E1 :	326
PL 2 :	66787
PL 3 :	1
CLOCK :	184449
TGT NAI :	1690893
TGT BAF :	3431
MOMOTA :	31684
OKUNO :	711
FC :	494
MOMOTA1 :	173232
MOMOTA2 :	16267516
MOMOTA3 :	14305971
OKUNO1 :	24070
OKUNO2 :	5224
OKUNO3 :	3821
F3PPB T :	17
LIVE TGT NAI :	1618601
LIVE TGT BAF :	3293
LIVE MOMOTA :	30309
LIVE OKUNO :	688
LIVE FC :	476
LIVE MOMOTA1 :	165750
LIVE MOMOTA2 :	15577901
LIVE MOMOTA3 :	13696617
LIVE OKUNO1 :	23045
LIVE OKUNO2 :	5025
LIVE OKUNO3 :	3647
LIVE_CLOCK :	183956

Run155

Start -- Sun Jun 6 17:47:49 2004
 Stop -- Sun Jun 6 17:49:48 2004

Scaler Name : Total

UNGATED :	12078
GATED :	12078
NONE :	198
F1PP T :	5
F2 SI :	0
CLEARs :	12079
F2PP T :	14396
F3PPA T :	18
E1 :	118
PL 2 :	15562
PL 3 :	2
CLOCK :	117332
TGT NAI :	392649
TGT BAF :	799
MOMOTA :	7282
OKUNO :	164
FC :	321
MOMOTA1 :	86821
MOMOTA2 :	10134032
MOMOTA3 :	8913604
OKUNO1 :	5479
OKUNO2 :	1247
OKUNO3 :	885
F3PPB T :	5
LIVE TGT NAI :	375251
LIVE TGT BAF :	759
LIVE MOMOTA :	6971
LIVE OKUNO :	159
LIVE FC :	312
LIVE MOMOTA1 :	83235
LIVE MOMOTA2 :	9702764
LIVE MOMOTA3 :	8534855
LIVE OKUNO1 :	5219
LIVE OKUNO2 :	1188
LIVE OKUNO3 :	841
LIVE_CLOCK :	117079

5:06,04 17:54 prisc

nl56

art -- Sun Jun 6 17:51:35 2004
 op -- Sun Jun 6 17:54:14 2004

Scaler Name : Total

UNGATED : 16226
 GATED : 16226
 NONE : 266
 F1PP T : 9
 F2 SI : 0
 CLEARS : 16227
 F2PP T : 11073
 F3PPA T : 27
 E1 : 213
 PL 2 : 11935
 PL 3 : 1
 CLOCK : 158216
 TGT NAI : 306839
 TGT BAF : 575
 MOMOTA : 5639
 OKUNO : 111
 FC : 434
 MOMOTA1 : 111310
 MOMOTA2 : 13603974
 MOMOTA3 : 11928986
 OKUNO1 : 4223
 OKUNO2 : 907
 OKUNO3 : 681
 F3PPB T : 8
 LIVE TGT NAI : 293360
 LIVE TGT BAF : 545
 LIVE MOMOTA : 5402
 LIVE OKUNO : 108
 LIVE FC : 427
 LIVE MOMOTA1 : 106659
 LIVE MOMOTA2 : 13027155
 LIVE MOMOTA3 : 11423834
 LIVE OKUNO1 : 4025
 LIVE OKUNO2 : 876
 LIVE OKUNO3 : 659
 LIVE_CLOCK : 157924

6:06,04 18:01 prisc

Run157

Start -- Sun Jun 6 17:55:51 2004
 Stop -- Sun Jun 6 18:01:23 2004

Scaler Name : Total

UNGATED : 34404
 GATED : 34404
 NONE : 564
 F1PP T : 11
 F2 SI : 0
 CLEARS : 34405
 F2PP T : 9681
 F3PPA T : 41
 E1 : 368
 PL 2 : 10135
 PL 3 : 3
 CLOCK : 331610
 TGT NAI : 260292
 TGT BAF : 559
 MOMOTA : 4685
 OKUNO : 128
 FC : 913
 MOMOTA1 : 219131
 MOMOTA2 : 28403584
 MOMOTA3 : 24886887
 OKUNO1 : 3652
 OKUNO2 : 785
 OKUNO3 : 601
 F3PPB T : 10
 LIVE TGT NAI : 249100
 LIVE TGT BAF : 531
 LIVE MOMOTA : 4500
 LIVE OKUNO : 119
 LIVE FC : 873
 LIVE MOMOTA1 : 209582
 LIVE MOMOTA2 : 27193801
 LIVE MOMOTA3 : 23826970
 LIVE OKUNO1 : 3501
 LIVE OKUNO2 : 747
 LIVE OKUNO3 : 578
 LIVE_CLOCK : 330739

Run 158 -

RIPS Control Summary				2004/06/06 18:15:41			
Parameter	Set	Curr.	Read	Target		F2	
Q1	1.3167	117.7562	117.779	Tgt 194.5	mm	FC Out	
Q2	1.5337	94.0689	93.145	Rgt 50.1	mm	Rgt 50.1	mm
Q3	0.7725	89.3036	89.476	Up 24.0	mm	Lft 50.0	mm
SX1	0.0000	0.1469	0.000	Dwn 24.0	mm	PPAC	
L	0.2777	280.0715	282.238	Rgt 24.0	mm	SSD -94.8	mm
SX2	0.0000	0.1469	0.000	Lft 23.8	mm	Out	
Q4	0.5572	48.3737	48.368	Lgt		Deg -4.9	deg.
Q5	0.7942	60.6366	60.779			Pla IN	
Q6	0.6197	53.9786	54.220				
SX3	0.0000	0.1469	0.000	F1		F3	
D2	0.2777	291.3142	290.330	D1 119.8	mm	PPAC1 IN	
Q7	0.6468	74.7512	75.789	ld -135.1	mm	Rgt 49.9	mm
Q8	1.1259	78.0552	78.068	Rgt 50.0	mm	Lft 50.0	mm
Q9	1.0222	91.1929	91.267	Lft 49.9	mm	PPAC2 IN	
Q10	1.1110	131.5837	133.369	Mom Out		SSD Out	
1	1.4205	144.3773	142.803	Deg Emp		Pla IN	
Q12	1.1106	131.5361	132.702	PPAC Out		Lgt	

6:06,04 18:08 prisc

Run158

Start -- Sun Jun 6 18:05:44 2004
 Stop -- Sun Jun 6 18:08:30 2004

Scaler Name : Total

UNGATED : 16958
 GATED : 16958
 NONE : 278
 F1PP T : 3
 F2 SI : 0
 CLEARS : 16959
 F2PP T : 37259
 F3PPA T : 31
 E1 : 92
 PL 2 : 40369
 PL 3 : 0
 CLOCK : 165178
 TGT NAI : 101243
 TGT BAF : 196
 MOMOTA : 1871
 OKUNO : 42
 FC : 459
 MOMOTA1 : 106228
 MOMOTA2 : 14137261
 MOMOTA3 : 12393427
 OKUNO1 : 1467
 OKUNO2 : 315
 OKUNO3 : 244
 F3PPB T : 3
 LIVE TGT NAI : 96857
 LIVE TGT BAF : 187
 LIVE MOMOTA : 1802
 LIVE OKUNO : 40
 LIVE FC : 445
 LIVE MOMOTA1 : 101659
 LIVE MOMOTA2 : 13540347
 LIVE MOMOTA3 : 11869915
 LIVE OKUNO1 : 1414
 LIVE OKUNO2 : 304
 LIVE OKUNO3 : 232

Brho TA-F1 1.8100 Tm

6, 04 18:15

prisc

9

-- Sun Jun 6 18:13:15 2004
-- Sun Jun 6 18:15:45 2004

Scaler Name : Total

UNGATED :	15128
GATED :	15128
NONE :	248
F1PP T :	4
F2 SI :	0
CLEARs :	15129
F2PP T :	28895
F3PPA T :	16
E1 :	62
PL 2 :	31474
PL 3 :	5
CLOCK :	148921
TGT NAI :	79366
TGT BAF :	192
MOMOTA :	1449
OKUNO :	31
FC :	414
MOMOTA1 :	94908
MOMOTA2 :	12738211
MOMOTA3 :	11162471
OKUNO1 :	1093
OKUNO2 :	240
OKUNO3 :	181
F3PPB T :	6
LIVE TGT NAI :	75907
LIVE TGT BAF :	185
LIVE MOMOTA :	1386
LIVE OKUNO :	30
LIVE FC :	405
LIVE MOMOTA1 :	90859
LIVE MOMOTA2 :	12201274
LIVE MOMOTA3 :	10692952
LIVE OKUNO1 :	1048
LIVE OKUNO2 :	232
LIVE OKUNO3 :	169
LIVE_CLOCK :	148754

6:06, 04 18:27

prisca

Run160

Start -- Sun Jun 6 18:24:45 2004
Stop -- Sun Jun 6 18:27:34 2004

Scaler Name : Total

UNGATED :	17568
GATED :	17568
NONE :	288
F1PP T :	2
F2 SI :	0
CLEARs :	17569
F2PP T :	29413
F3PPA T :	16
E1 :	264
PL 2 :	31687
PL 3 :	0
CLOCK :	168658
TGT NAI :	78691
TGT BAF :	167
MOMOTA :	1481
OKUNO :	35
FC :	470
MOMOTA1 :	105644
MOMOTA2 :	14394301
MOMOTA3 :	12622190
OKUNO1 :	1135
OKUNO2 :	238
OKUNO3 :	171
F3PPB T :	14
LIVE TGT NAI :	75219
LIVE TGT BAF :	162
LIVE MOMOTA :	1412
LIVE OKUNO :	31
LIVE FC :	443
LIVE MOMOTA1 :	101217
LIVE MOMOTA2 :	13779272
LIVE MOMOTA3 :	12082696
LIVE OKUNO1 :	1078
LIVE OKUNO2 :	221
LIVE OKUNO3 :	161
LIVE_CLOCK :	168164

6:06, 04 18:38

prisca

un161

Start -- Sun Jun 6 18:31:04 2004
Stop -- Sun Jun 6 18:38:40 2004

Scaler Name : Total

UNGATED :	47214
GATED :	47214
NONE :	774
F1PP T :	12
F2 SI :	0
CLEARs :	47215
F2PP T :	54720
F3PPA T :	71
E1 :	563
PL 2 :	59123
PL 3 :	1
CLOCK :	456231
TGT NAI :	150425
TGT BAF :	301
MOMOTA :	2761
OKUNO :	69
FC :	1258
MOMOTA1 :	276688
MOMOTA2 :	38876817
MOMOTA3 :	34069319
OKUNO1 :	2002
OKUNO2 :	446
OKUNO3 :	350
F3PPB T :	46
LIVE TGT NAI :	143769
LIVE TGT BAF :	291
LIVE MOMOTA :	2639
LIVE OKUNO :	65
LIVE FC :	1206
LIVE MOMOTA1 :	264895
LIVE MOMOTA2 :	37228525
LIVE MOMOTA3 :	32625124
LIVE OKUNO1 :	1904
LIVE OKUNO2 :	427
LIVE OKUNO3 :	329
LIVE_CLOCK :	455154

6:06, 04 18:47

prisca

Run162

Start -- Sun Jun 6 18:41:21 2004
Stop -- Sun Jun 6 18:47:22 2004

Scaler Name : Total

UNGATED :	37576
GATED :	37576
NONE :	616
F1PP T :	8
F2 SI :	0
CLEARs :	37577
F2PP T :	13132
F3PPA T :	54
E1 :	257
PL 2 :	14088
PL 3 :	1
CLOCK :	360084
TGT NAI :	36037
TGT BAF :	82
MOMOTA :	703
OKUNO :	21
FC :	1003
MOMOTA1 :	226422
MOMOTA2 :	30739120
MOMOTA3 :	26926701
OKUNO1 :	515
OKUNO2 :	137
OKUNO3 :	110
F3PPB T :	43
LIVE TGT NAI :	34505
LIVE TGT BAF :	81
LIVE MOMOTA :	674
LIVE OKUNO :	21
LIVE FC :	950
LIVE MOMOTA1 :	216860
LIVE MOMOTA2 :	29426349
LIVE MOMOTA3 :	25776966
LIVE OKUNO1 :	492
LIVE OKUNO2 :	133
LIVE OKUNO3 :	102

6:06, 04 18:50

prisca

Run163

Start -- Sun Jun 6 18:48:04 2004
Stop -- Sun Jun 6 18:50:12 2004

Scaler Name :	Total
UNGATED :	13054
GATED :	13054
NONE :	214
F1PP T :	2
F2 SI :	0
CLEARs :	13055
F2PP T :	90
F3PPA T :	25
E1 :	166
PL 2 :	0
PL 3 :	1
CLOCK :	126774
TGT NAI :	2
TGT BAF :	2
MOMOTA :	1
OKUNO :	0
FC :	352
MOMOTA1 :	76472
MOMOTA2 :	10782468
MOMOTA3 :	9446001
OKUNO1 :	0
OKUNO2 :	0
OKUNO3 :	5
F3PPB T :	10
LIVE TGT NAI :	2
LIVE TGT BAF :	2
LIVE MOMOTA :	0
LIVE OKUNO :	0
LIVE FC :	336
LIVE MOMOTA1 :	73261
LIVE MOMOTA2 :	10329693
LIVE MOMOTA3 :	9048917
LIVE OKUNO1 :	0
LIVE OKUNO2 :	0
LIVE OKUNO3 :	5
LIVE_CLOCK :	126508

6:06, 04 18:58

prisca

Run164

Start -- Sun Jun 6 18:56:51 2004
Stop -- Sun Jun 6 18:58:43 2004

Scaler Name :	Total
UNGATED :	11590
GATED :	11590
NONE :	190
F1PP T :	3
F2 SI :	0
CLEARs :	11591
F2PP T :	32388
F3PPA T :	20
E1 :	64
PL 2 :	35184
PL 3 :	1
CLOCK :	111275
TGT NAI :	88631
TGT BAF :	203
MOMOTA :	1602
OKUNO :	46
FC :	302
MOMOTA1 :	67114
MOMOTA2 :	9445292
MOMOTA3 :	8265605
OKUNO1 :	1235
OKUNO2 :	268
OKUNO3 :	225
F3PPB T :	22
LIVE TGT NAI :	84903
LIVE TGT BAF :	193
LIVE MOMOTA :	1539
LIVE OKUNO :	45
LIVE FC :	290
LIVE MOMOTA1 :	64293
LIVE MOMOTA2 :	9043263
LIVE MOMOTA3 :	7913651
LIVE OKUNO1 :	1180
LIVE OKUNO2 :	258
LIVE OKUNO3 :	216
LIVE_CLOCK :	110954

trigger changed

Clocks -> F2 plastic

RIPS Control Summary 2004/06/06 19:25:48

Parameter	Set Curr	Read Curr	Target	F2
Q1	1.3167	177.5583	177.282	
Q2	1.5337	141.5324	139.777	
Q3	0.7725	134.3362	134.690	
SX1	0.0000	0.1469	0.000	
D1	0.2777	421.4202	424.547	
SX2	0.0000	0.1469	0.000	
Q4	0.5572	73.5346	73.397	
Q5	0.7942	91.9518	92.096	
Q6	0.6197	81.9616	82.228	
SX3	0.0000	0.1469	0.000	
D2	0.2777	438.0790	437.875	
SX4	0.0000	0.1469	0.000	
Q7	0.6468	112.4562	113.440	
Q8	1.1259	117.2485	117.537	
Q9	1.0222	137.6193	138.076	
Q10	1.1110	131.5837	133.035	
Q11	1.4205	144.3773	142.939	
Q12	1.1106	131.5361	132.590	

Silicon @ F2 ushku

NMR1 = 756.003

NMR2 = 756.530

Run165

Start -- Sun Jun 6 19:09:12 2004
Stop -- Sun Jun 6 19:24:52 2004

Scaler Name : Total

UNGATED :	1089277
GATED :	718006
NONE :	11768
F1PP T :	48
F2 SI :	0
CLEARs :	717849
F2PP T :	1047089
F3PPA T :	1152
E1 :	799
PL 2 :	1054792
PL 3 :	3063
CLOCK :	938694
TGT NAI :	569076
TGT_BAF :	1052
MOMOTA :	10607
OKUNO :	234
FC :	2497
MOMOTA1 :	584760
MOMOTA2 :	79636297
MOMOTA3 :	69622083
OKUNO1 :	7942
OKUNO2 :	1735
OKUNO3 :	1273
F3PPB T :	220
LIVE TGT NAI :	374068
LIVE_TGT_BAF :	683
LIVE MOMOTA :	6977
LIVE OKUNO :	149
LIVE FC :	1769
LIVE MOMOTA1 :	399382
LIVE MOMOTA2 :	54491336
LIVE MOMOTA3 :	47689496
LIVE_OKUNO1 :	5281
LIVE_OKUNO2 :	1123
LIVE OKUNO3 :	848
LIVE_CLOCK :	643999

S Control Summary

2004/06/06 20:06:31

Parameter	Set	Curr.	Read	Curr.	Target	F2
FC	95.8	mm			FC	Out
Rgt	50.1	mm			Rgt	50.1 mm
Lft	50.0	mm			Lft	50.0 mm
Down	24.0	mm			Down	24.0 mm
Rgt	24.0	mm			Rgt	24.0 mm
Lft	23.8	mm			Lft	23.8 mm
Lgt					Lgt	
D1	119.8	mm			D1	119.8 mm
Id	-134.9	mm			Id	-134.9 mm
Rgt	50.0	mm			Rgt	50.0 mm
Lft	50.0	mm			Lft	50.0 mm
Mom	Out				Mom	Out
Deg	Exp				Deg	Exp
PPAC	Out				PPAC	Out
Rot	0	deg			Rot	0 deg

"Absolute" calibration of beam monitors with Ta target

RUN #166 Silicon @ F2 instel 6/6 18:32

RIPS Control Summary

2004/06/06 19:45:18

Parameter	Set	Curr.	Read	Curr.	Target	F2
Q1	1.3167	189.9491	189.762		FC	Out
Q2	1.5337	151.3667	149.151		Rgt	50.1 mm
Q3	0.7725	143.6669	143.872		Lft	50.0 mm
SX1	0.0000	0.1469	0.000		Down	24.0 mm
D1	0.2777	450.7073	454.173		Rgt	24.0 mm
SX2	0.0000	0.1469	0.000		Lft	23.8 mm
Q4	0.5572	78.7478	78.741		Lgt	
Q5	0.7942	98.4388	98.595		D1	119.8 mm
Q6	0.6197	87.7585	87.992		Id	-134.9 mm
SX3	0.0000	0.1469	0.000		Rgt	50.0 mm
D2	0.2777	468.4819	467.490		Lft	50.0 mm
SX4	0.0000	0.1469	0.000		Mom	Out
Q7	0.6468	120.2670	121.815		Deg	Exp
Q8	1.1259	125.3676	125.763		PPAC	Out
Q9	1.0222	147.2368	147.287		Lgt	
Q10	1.1110	131.5837	133.258			
Q11	1.4205	144.3773	142.667			
Q12	1.1106	131.5361	132.590			

808.090
NMR1 = ~~808.090~~
NMR2 = 808. ~~090~~ 630

RUN not stopped
→ junk

Beam number calibration for T_a target with fragment setting #

$B_{g12} = 1.81 \text{ Tm}$

Redo "absolute" calibration of beam number with charge state 86K

$B_g = 2.9102 \text{ Tm}$

RIPS Control Summary			2004/06/06 20:11:13	
Parameter	Set Value	Read Value	Target	Unit
Q1	1.3167	189.9463	189.762	
Q2	1.5337	151.3646	149.507	
Q3	0.7725	143.6649	143.785	
SX1	0.0000	0.1469	0.000	
Q11	0.2777	450.7012	454.437	
SX2	0.0000	0.1469	0.026	
Q4	0.5572	78.7467	78.632	
Q5	0.7942	98.4388	98.595	
Q6	0.6197	87.7585	87.829	
SX3	0.0000	0.1469	0.000	
Q21	0.2777	468.4819	468.019	
SX4	0.0000	0.1469	0.079	
Q7	0.6468	120.2676	121.978	
Q8	1.1259	125.3676	125.763	
Q9	1.0222	147.2368	147.569	
Q10	1.1110	131.5837	133.146	
Q11	1.4205	144.3773	142.939	
Q12	1.1106	131.5361	132.702	
Focus		Brho	TA-F1	2.9102 Tm
F1-F2	2.9102 Tm	F2-F3	2.2700 Tm	

NMR1
808.114

NMR2
808.651

RUN# 167

6/6 20:04

Att $1/10 \times 1/6000$

run167

Start -- Sun Jun 6 20:04:06 2004
 Stop -- Sun Jun 6 20:08:01 2004

Scaler Name :	Total
UNGATED :	213752
GATED :	154111
NONE :	2526
F1PP_T :	5
F2_SI :	0
CLEARs :	154087
F2PP_T :	213434
F3PPA_T :	38
E1 :	707
PL_2 :	214525
PL_3 :	6
CLOCK :	234430
TGT_NAI :	12093
TGT_BAF :	28
MOMOTA :	479
OKUNO :	33
FC :	625
MOMOTA1 :	151353
MOMOTA2 :	20786997
MOMOTA3 :	17814499
OKUNO1 :	679
OKUNO2 :	154
OKUNO3 :	98
F3PPB_T :	57
LIVE_TGT_NAI :	8665
LIVE_TGT_BAF :	20
LIVE_MOMOTA :	350
LIVE_OKUNO :	22
LIVE_FC :	461
LIVE_MOMOTA1 :	110778
LIVE_MOMOTA2 :	15139666
LIVE_MOMOTA3 :	12993231
LIVE_OKUNO1 :	475
LIVE_OKUNO2 :	116
LIVE_OKUNO3 :	69
LIVE_CLOCK :	171261

Beam monitor calibration with fragment setting

BS = ~~200~~ 1.81 Tm

Run	Setting	Time	Notes	Flucts
RUN 168	AA 1/3000	20:15	PL2 trigger	50mm
RUN 169	AA 1/30000	20:22	clk Logger	50mm
RUN 170	AA 1/30000	20:30	"	5mm
RUN 171	AA 1/20	20:41	"	5mm
RUN 172	AA 1/2	20:44	"	5mm

NMR1
503.798
NMR2
504.058

RIPS Control Summary			2004/06/06 20:23:05	
Parameter	Set Curr	Read Curr	Target	Unit
Q1	1.3167	117.7562	117.779	mm
Q2	1.5337	94.0689	92.552	mm
Q3	0.7725	89.3036	89.649	mm
SX1	0.0000	0.1469	0.000	mm
D1	0.2777	280.0715	281.973	mm
SX2	0.0000	0.1469	0.000	mm
D4	0.5572	48.3737	48.368	mm
Q5	0.7942	60.6366	60.779	mm
Q6	0.6197	53.9786	54.220	mm
SX3	0.0000	0.1469	0.021	mm
D2	0.2777	291.3142	290.859	mm
SX4	0.0000	0.1469	0.000	mm
Q7	0.6468	74.7512	75.545	mm
Q8	1.1259	78.0552	78.147	mm
Q9	1.0222	91.1929	91.549	mm
Q10	1.1110	131.5832	133.146	mm
Q11	1.4205	144.3773	142.667	mm
Q12	1.1106	131.5361	132.590	mm
FOCUS		1.8100	1.8100	mm
F1-F2	1.8100		2.2700	mm

6:06, 04 20:18		prisca
Run168		
Start -- Sun Jun 6 20:15:59 2004		
Stop -- Sun Jun 6 20:18:55 2004		
Scaler Name :	Total	
UNGATED :	84121	
GATED :	69058	
NONE :	1132	
F1PP T :	3	
F2 SI :	0	
CLEARs :	69053	
F2PP T :	64474	
F3PPA T :	27	
E1 :	448	
PL 2 :	72200	
PL 3 :	0	
CLOCK :	175571	
TGT NAI :	74520	
TGT BAF :	129	
MOMOTA :	2772	
OKUNO :	271	
FC :	466	
MOMOTA1 :	108909	
MOMOTA2 :	15242860	
MOMOTA3 :	13183996	
OKUNO1 :	4419	
OKUNO2 :	1080	
OKUNO3 :	522	
F3PPB T :	59	
LIVE TGT NAI :	60869	
LIVE TGT BAF :	108	
LIVE MOMOTA :	2293	
LIVE OKUNO :	219	
LIVE FC :	408	
LIVE MOMOTA1 :	91406	
LIVE MOMOTA2 :	12765972	
LIVE MOMOTA3 :	11050657	
LIVE OKUNO1 :	3630	
LIVE OKUNO2 :	883	
LIVE OKUNO3 :	426	
LIVE_CLOCK :	146851	

6:06, 04 20:25		prisca
Run169		
Start -- Sun Jun 6 20:22:12 2004		
Stop -- Sun Jun 6 20:25:23 2004		
Scaler Name :	Total	
UNGATED :	22850	
GATED :	21716	
NONE :	356	
F1PP T :	6	
F2 SI :	0	
CLEARs :	21717	
F2PP T :	17404	
F3PPA T :	37	
E1 :	149	
PL 2 :	19479	
PL 3 :	0	
CLOCK :	190837	
TGT NAI :	20474	
TGT BAF :	42	
MOMOTA :	751	
OKUNO :	76	
FC :	506	
MOMOTA1 :	111616	
MOMOTA2 :	16100756	
MOMOTA3 :	14084533	
OKUNO1 :	1188	
OKUNO2 :	276	
OKUNO3 :	167	
F3PPB T :	66	
LIVE TGT NAI :	19409	
LIVE TGT BAF :	41	
LIVE MOMOTA :	723	
LIVE OKUNO :	75	
LIVE FC :	485	
LIVE MOMOTA1 :	106402	
LIVE MOMOTA2 :	15347821	
LIVE MOMOTA3 :	13425931	
LIVE OKUNO1 :	1136	
LIVE OKUNO2 :	267	
LIVE OKUNO3 :	159	
LIVE_CLOCK :	182053	

RIPS Control Summary

2004/06/06 20:40

Run172

Start -- Sun Jun 6 20:44:41 2004
Stop -- Sun Jun 6 20:45:29 2004

Parameter	Set Cntr	Read Cntr	Target	Unit	FC	Out
Q1	1.3167	117.7562	117.668			
Q2	1.5337	94.0689	93.145			
Q3	0.7725	89.3036	89.563			
SX1	0.0000	0.1469	0.000			
D1	0.2777	280.0715	281.973			
SX2	0.0000	0.1469	0.000			
Q4	0.5572	48.3737	48.313			
Q5	0.7942	60.6366	60.779			
Q6	0.6197	53.9786	54.220			
SX3	0.0000	0.1469	0.000			
D2	0.2777	291.3142	290.330			
SX4	0.0000	0.1469	0.000			
Q7	0.6468	74.7512	75.626			
Q8	1.1259	78.0552	78.147			
Q9	1.0222	91.1929	91.173			
Q10	1.1110	131.5837	133.369			
Q11	1.4205	144.3773	142.803			
Q12	1.1106	131.5361	132.590			
Focus		Brho	TA-F1 1.8100	Im		
F1-F2	1.8100	Im	F2-F3 2.2700	Im		

Scaler Name : Total

UNGATED :	499481
GATED :	94916
NONE :	1550
F1PP_T :	42
F2_SI :	0
CLEAR_S :	94551
F2PP_T :	412603
F3PPA_T :	8
E1 :	47
PL_2 :	460925
PL_3 :	1
CLOCK :	48386
TGT_NAI :	0
TGT_BAF :	8896
MOMOTA :	185932
OKUNO :	17119
FC :	64
MOMOTA1 :	321728
MOMOTA2 :	6640850
MOMOTA3 :	6180124
OKUNO1 :	290830
OKUNO2 :	71452
OKUNO3 :	35151
F3PPB_T :	13
LIVE_TGT_NAI :	0
LIVE_TGT_BAF :	1611
LIVE_MOMOTA :	33849
LIVE_OKUNO :	3112
LIVE_FC :	12
LIVE_MOMOTA1 :	58837
LIVE_MOMOTA2 :	1257811
LIVE_MOMOTA3 :	1168597
LIVE_OKUNO1 :	52238
LIVE_OKUNO2 :	12672
LIVE_OKUNO3 :	6431
LIVE_CLOCK :	9123

6:06, 04 20:38

prisca

Run170

Start -- Sun Jun 6 20:30:48 2004
Stop -- Sun Jun 6 20:38:03 2004

Scaler Name : Total

UNGATED :	3678
GATED :	3660
NONE :	60
F1PP_T :	7
F2_SI :	0
CLEAR_S :	3661
F2PP_T :	3090
F3PPA_T :	83
E1 :	305
PL_2 :	3193
PL_3 :	0
CLOCK :	426571
TGT_NAI :	33290
TGT_BAF :	76
MOMOTA :	1273
OKUNO :	131
FC :	1137
MOMOTA1 :	245751
MOMOTA2 :	35970154
MOMOTA3 :	31416239
OKUNO1 :	1935
OKUNO2 :	500
OKUNO3 :	283
F3PPB_T :	94
LIVE_TGT_NAI :	33132
LIVE_TGT_BAF :	76
LIVE_MOMOTA :	1266
LIVE_OKUNO :	131
LIVE_FC :	1133
LIVE_MOMOTA1 :	244856
LIVE_MOMOTA2 :	35851156
LIVE_MOMOTA3 :	31307476
LIVE_OKUNO1 :	1925
LIVE_OKUNO2 :	496
LIVE_OKUNO3 :	283
LIVE_CLOCK :	425029

Run171

Start -- Sun Jun 6 20:41:17 2004
Stop -- Sun Jun 6 20:42:17 2004

Scaler Name : Total

UNGATED :	66294
GATED :	45145
NONE :	740
F1PP_T :	5
F2_SI :	0
CLEAR_S :	45141
F2PP_T :	52414
F3PPA_T :	8
E1 :	46
PL_2 :	58523
PL_3 :	0
CLOCK :	59955
TGT_NAI :	621810
TGT_BAF :	1154
MOMOTA :	24124
OKUNO :	2200
FC :	147
MOMOTA1 :	73098
MOMOTA2 :	5399744
MOMOTA3 :	4756186
OKUNO1 :	37419
OKUNO2 :	8967
OKUNO3 :	4617
F3PPB_T :	19
LIVE_TGT_NAI :	420418
LIVE_TGT_BAF :	776
LIVE_MOMOTA :	16348
LIVE_OKUNO :	1517
LIVE_FC :	105
LIVE_MOMOTA1 :	49944
LIVE_MOMOTA2 :	3722723
LIVE_MOMOTA3 :	3280458
LIVE_OKUNO1 :	25311
LIVE_OKUNO2 :	6090
LIVE_OKUNO3 :	3128
LIVE_CLOCK :	41403

Run number:	# 173	Tape: # 15	Name: 173
Description:	Ta, Brho = 2.2g		
Date:	June 6, 2004	Time:	21:04
Brho1:	2.2g	Brho2:	2.2g
NMR1:	636.46	NMR2:	636.95
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca	SCA file 10173.bst
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U_dE=	95.8	I_dE=	0.39
U_E1=	98.6	I_E1=	1.84
U_E2=	95.6	I_E2=	0.58
U_E3=	95.3	I_E3=	0.15
U_E4=	95.4	I_E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	100
F2_PPAC=	-750	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-758	BaF=	1352

RIPS Control Summary				2004/06/06 21:16:35	
Parameter	Set Curr.	Read Curr.	Target	F2	
Q1	1.3167	149.2517	149.091	Tgt 95.9	mm
Q2	1.5337	119.0661	117.351	FG Out	Rgt 50.1 mm
Q3	0.7725	113.0206	113.469	FG Out	Lft 50.0 mm
Sx1	0.0000	0.1469	0.000	Up 24.0	mm
D1	0.2777	354.5146	357.096	Dwn 24.0	mm
Sx2	0.0000	0.1469	0.000	Rgt 24.0	mm
Q4	0.5572	61.6250	61.564	Lft 23.8	mm
Q5	0.7942	77.1291	77.242	Lgt	deg
Q6	0.6197	68.7162	68.904	Pla	IN
Sx3	0.0000	0.1469	0.000		
Q2	0.2777	368.6097	368.069	F1	F3
Sx4	0.0000	0.1469	0.079	D1 119.8	mm
Q7	0.6468	94.6090	95.468	ld -134.9	mm
Q8	1.1259	98.6968	99.108	Rgt 5.0	mm
Q9	1.0222	115.6436	115.611	Lft 5.0	mm
Q10	1.1110	132.7441	134.370	Mon Out	deg
Q11	1.4205	145.6466	143.890	Deg Exp	deg
Q12	1.1106	132.6962	133.591	PPAC Out	deg
Focus	Erho	TA=F1 2.2900	Im	Rot 0	deg
F1-F2 2.2900	Im	F2-F3 2.2900	Im		

D1 = 636.460 Im
 D2 = 637.020 Im

6/06/04 21:34		prisca	
Run173			
Start	--	Sun Jun 6 21:04:58 2004	
Stop	--	Sun Jun 6 21:34:07 2004	
Scaler Name : Total			
UNGATED	:	677753	
GATED	:	581717	
NONE	:	9536	
F1PP_T	:	46	
F2 SI	:	0	
CLEARs	:	581697	
F2PP_T	:	680360	
F3PPA_T	:	672180	
E1	:	659607	
PL_2	:	677676	
PL_3	:	680326	
CLOCK	:	1747604	
TGT_NAI	:	6	
TGT_BAF	:	494	
MOMOTA	:	9287	
OKUNO	:	862	
FC	:	4669	
MOMOTA1	:	1034191	
MOMOTA2	:	147425561	
MOMOTA3	:	128659314	
OKUNO1	:	14700	
OKUNO2	:	3715	
OKUNO3	:	1917	
F3PPB_T	:	668354	
LIVE_TGT_NAI	:	6	
LIVE_TGT_BAF	:	427	
LIVE_MOMOTA	:	7896	
LIVE_OKUNO	:	758	
LIVE_FC	:	4120	
LIVE_MOMOTA1	:	891951	
LIVE_MOMOTA2	:	127234559	
LIVE_MOMOTA3	:	111062504	
LIVE_OKUNO1	:	12564	
LIVE_OKUNO2	:	3194	
LIVE_OKUNO3	:	1658	
LIVE_CLOCK	:	1509176	

RIPS Control Summary

2004/06/06 21:50:58

Parameter	Set Curr.	Read Curr.	Target	F2
Q1	1.3167	149.2517	149.202	FC Out
Q2	1.5337	119.0661	117.707	Rgt 50.1 mm
Q3	0.7725	113.0206	113.209	FC Out
SX1	0.0000	0.1469	0.000	Lft 50.0 mm
Q4	0.2777	354.5146	357.096	Dwn 24.0 mm
SX2	0.0000	0.1469	0.000	Rgt 24.0 mm
Q4	0.5572	61.6250	61.564	Lft 23.8 mm
Q5	0.7942	77.1291	77.242	Deg Out
Q6	0.6197	68.7162	68.904	Rgt -4.9 deg
SX3	0.0000	0.1469	0.021	PLA IN
Q2	0.2777	368.6097	367.805	PPAG1 IN
SX4	0.0000	0.1469	0.000	Rgt 49.9 mm
Q7	0.6468	94.6090	95.631	Lft 50.0 mm
Q8	1.1259	98.6968	99.029	Rgt 5.0 mm
Q9	1.0222	115.6439	115.799	Lft 5.0 mm
Q10	1.1110	132.7441	134.370	Mom Out
Q11	1.4205	145.6468	144.433	Deg Eng
Q12	1.1106	132.6962	133.925	PPAG Out
				Lgt

Focus Brho Tm F1 2.2900 Tm
 FL-F2 2.2900 Tm F2-F3 2.2900 Tm

Rot 0 deg

D1 = 636.634
 D2 = 637.043

prisca

6.04.22:08

-- Sun Jun 6 21:42:55 2004
 -- Sun Jun 6 22:07:59 2004

Scaler Name : Total

```

1832112
1196504
19610
32
0
1196211
1858689
1842677
1679826
1847147
1869230
1501624
43097
203
1672
46
3849
911779
127461878
111096697
1276
312
274
1843433
27352
138
1074
33
2700
612667
85593455
74675068
827
213
186
1011153
    
```

UNGATED :
 GATED :
 NONE :
 FIPP T :
 F2 SI :
 CLEARS :
 F2PP T :
 F3PPA T :
 E1 :
 PL 2 :
 PL 3 :
 CLOCK :
 TGT_NAI :
 TGT_BAF :
 MOMOTA :
 OKUNO :
 FC :
 MOMOTA1 :
 MOMOTA2 :
 MOMOTA3 :
 OKUNO1 :
 OKUNO2 :
 OKUNO3 :
 F3PPB T :
 LIVE_TGT_NAI :
 LIVE_TGT_BAF :
 LIVE_MOMOTA :
 LIVE_OKUNO :
 LIVE_FC :
 LIVE_MOMOTA1 :
 LIVE_MOMOTA2 :
 LIVE_MOMOTA3 :
 LIVE_OKUNO1 :
 LIVE_OKUNO2 :
 LIVE_OKUNO3 :
 LIVE_CLOCK :

Run number:	174	Tape:	15	Name:	N. Iman
Description:	Be 92 mg/cm ² Brho scanning				
Date:	Jun /6	Time:	21:42 h		
Brho1:	2.29	Brho2:	2.29		
NMR1:		NMR2:			
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	# OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 10/24/16		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.44
U E1=	93.6	I E1=	1.98
U E2=	95.6	I E2=	0.99
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	100 V
F2_PPAC=	-750	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1352 V

Run number:	175	Tape: #	15	Name:	175
Description:	Be				
Date:	June 6, 2004	Time:	22:12		
Brho1:	2.31	Brho2:	2.31		
NMR1:	642.02	NMR2:	642.49		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5.0 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 0117564		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.44
U E1=	99.4	I E1=	2.03
U E2=	95.6	I E2=	0.39
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-249	NaI(Tl)_1=	
F2_PPAC=	-250	NaI(Tl)_2=	
F3_PPACA=	-255	NaI(Tl)_3=	
F3_PPACB=	-255	BaF=	

RIPS Control Summary

2004/06/06 22:27:04

Parameter	Set Curr.	Read Curr.	Target	F2
Q1	1.3167	150.5640	150.428	FC Out
Q2	1.5337	120.1077	118.775	Rgt 50.1 mm
Q3	0.7725	114.0088	114.249	Up 24.0 mm
SX1	0.0000	0.1469	0.000	Lft 50.0 mm
D1	0.2777	357.6163	360.270	PPAC
SX2	0.0000	0.1469	0.000	SSD -94.8 mm
Q4	0.5572	62.1771	62.055	Rgt 24.0 mm
Q5	0.7942	77.8163	77.985	Lft 23.8 mm
Q6	0.6197	69.3303	69.611	Deg -4.9 deg
SX3	0.0000	0.1469	0.021	Pla IN
D2	0.2777	371.8303	371.242	Lgt
SX4	0.0000	0.1469	0.000	F1
Q7	0.6468	95.4364	96.525	D1 119.8 mm
Q8	1.1259	99.5569	99.820	Id -134.9 mm
Q9	1.0222	116.6627	116.833	Rgt 5.0 mm
Q10	1.1110	133.9046	135.594	Lft 5.0 mm
Q11	1.4205	146.9163	145.520	PPAC1 IN
Q12	1.1106	133.8562	135.037	Rgt 49.9 mm
FOCUS	Baho	TA-F1 2.3100	Tm	Lft 50.0 mm
F2	F2	F2-F3 2.3100	Tm	PPAC2 IN
				SSD Out
				Pla IN
				Lgt
				Rot 0 deg

6: 06, 04 22:39

prisca

Run175

Start -- Sun Jun 6 22:12:12 2004
 Stop -- Sun Jun 6 22:39:02 2004

Scaler Name : Total

UNGATED :	1921326
GATED :	1261886
NONE :	20682
F1PP T :	45
F2 SI :	0
CLEAR S :	1261603
F2PP T :	1945556
F3PPA T :	1932254
E1 :	1759153
PL 2 :	1936645
PL 3 :	1960539
CLOCK :	1608321
TGT NAI :	93626
TGT BAF :	180
MOMOTA :	1799
OKUNO :	36
FC :	3978
MOMOTA1 :	935656
MOMOTA2 :	136253040
MOMOTA3 :	118676305
OKUNO1 :	1438
OKUNO2 :	317
OKUNO3 :	289
F3PPB T :	1933023
LIVE_TGT_NAI :	60321
LIVE_TGT_BAF :	132
LIVE_MOMOTA :	1184
LIVE_OKUNO :	21
LIVE_FC :	2865
LIVE_MOMOTA1 :	633395
LIVE_MOMOTA2 :	92228739
LIVE_MOMOTA3 :	80406752
LIVE_OKUNO1 :	913
LIVE_OKUNO2 :	213
LIVE_OKUNO3 :	191
LIVE_CLOCK :	1090866

Run number:	176	Tape:	#15	Name:	176
Description:	Ta				
Date:	June 6, 2007	Time:	22:42		
Brho1:	2.31	Brho2:	2.31		
NMR1:	642.088	NMR2:	642.489		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	(yes/no)	prisca	SCA file Y01706		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U_dE=	95.8	I_dE=	0.40
U_E1=	99.1	I_E1=	2.04
U_E2=	95.6	I_E2=	0.41
U_E3=	95.3	I_E3=	0.15
U_E4=	95.1	I_E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-850	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-855	BaF=	1352

RIPS Control Summary

2004/06/06 23:00:28

Parameter	Set Curr.	Read Curr.	Target	F2
1.3167	150.5640	150.539	Tgt 95.9 mm	FC Out
1.5337	120.1077	118.656	FC Out	Rgt 50.1 mm
0.7725	114.0088	114.162	Up 24.0 mm	Lft 50.0 mm
0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC
0.2777	357.6163	360.270	Rgt 24.0 mm	SSD -94.8 mm
0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
0.5572	62.1771	62.164	Lgt	Pla IN deg
0.7942	77.8163	77.985		
0.6197	69.3303	69.502		
0.0000	0.1469	0.000		
0.2777	371.8303	370.978	-F1	F3
0.0000	0.1469	0.000	Dl 119.8 mm	PPAC1 IN
0.6468	95.4364	96.525	ld -134.9 mm	Rgt 49.9 mm
1.1259	99.5569	99.978	Rgt 5.0 mm	Lft 50.0 mm
1.0222	116.6627	116.645	Lft 5.0 mm	PPAC2 IN
1.1110	133.9046	135.705	Mom Out	SSD Out
1.4205	146.9163	145.384	Deg Exp	Pla IN
1.1106	133.8562	135.037	PPAC Out	Lgt
2.3100	Im	F2-F3 2.3100	Rot 0 deg	

INITIALS: EXIT:

6-106_04 23:15 prisca

Run176

Start -- Sun Jun 6 22:46:02 2004
 Stop -- Sun Jun 6 23:15:24 2004

Scaler Name	Total
UNGATED	896020
GATED	729835
NONE	11964
F1PP_T	46
F2_SI	0
CLEARs	729805
F2PP_T	898067
F3PPA_T	889059
E1	863628
PL_2	896531
PL_3	900292
CLOCK	1760217
TGT_NAI	318233
TGT_BAF	602
MOMOTA	12350
OKUNO	1113
FC	4408
MOMOTA1	1073512
MOMOTA2	149349500
MOMOTA3	130285824
OKUNO1	18964
OKUNO2	4734
OKUNO3	2410
F3PPB_T	883642
LIVE_TGT_NAI	257876
LIVE_TGT_BAF	499
LIVE_MOMOTA	10078
LIVE_OKUNO	906
LIVE_FC	3746
LIVE_MOMOTA1	889984
LIVE_MOMOTA2	123832159
LIVE_MOMOTA3	108075720
LIVE_OKUNO1	15418
LIVE_OKUNO2	3812
LIVE_OKUNO3	1950
LIVE_CLOCK	1460968

Run number:	177	Tape:	19	Name:	N. Iman
Description:	BP scanning Ta target				
Date:	Jun/6	Time:	23:19~		
Brho1:	2.33 T.m	Brho2:	2.33 T.m		
NMR1:	647.552	NMR2:	647.990		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 5 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file 10177.kt		
Trigger:	F1 PPAC/F1 Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.41
U E1=	99.1	I E1=	2.05
U E2=	95.6	I E2=	0.42
U E3=	95.3	I E3=	0.15
U E4=	93.4	I E4=	0.21
F1_PPAC=	748	NaI(Tl) 1=	600
F2_PPAC=	750	NaI(Tl) 2=	
F3_PPACA=	755	NaI(Tl) 3=	
F3_PPACB=	755	BaF=	1352

RIPS Control Summary

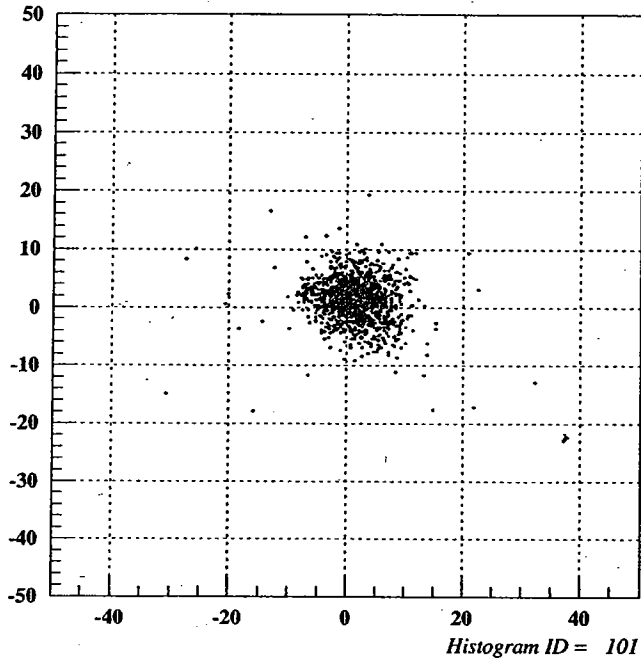
2004/06/06 23:33:09

Parameter	Set Curr.	Read Curr.	Target	F2
01	1.3167	151.8763	151.876	FC Out
02	1.5337	121.1492	119.724	Rgt 50.1 mm
03	0.7725	114.9970	115.201	Up 24.0 mm
5x1	0.0000	0.1469	0.000	Down 24.0 mm
04	0.2777	360.7181	363.444	PPAC
5x2	0.0000	0.1469	0.000	Rgt 24.0 mm
04	0.5572	62.7293	62.709	SSD -94.8 mm
05	0.7942	78.5035	78.604	Lft 23.8 mm
06	0.6197	69.9443	70.100	Deg Out -4.9 deg
5x3	0.0000	0.1469	0.021	Pla IN
02	0.2777	375.0510	374.415	F1
5x4	0.0000	0.1469	0.000	DI 119.8 mm
07	0.6468	96.2638	97.176	Rgt -134.9 mm
08	1.1259	100.4170	100.611	Rgt 5.0 mm
09	1.0222	117.6815	117.961	Lft 5.0 mm
010	1.1110	135.0650	136.706	Mon Out
011	1.4205	148.1859	146.471	Deg Exp
012	1.1106	135.0163	136.595	PPAC Out
Focus	Brho	TA-F1	2.3300	Im
		F2-F3	2.3300	Im
		Rot	0	deg

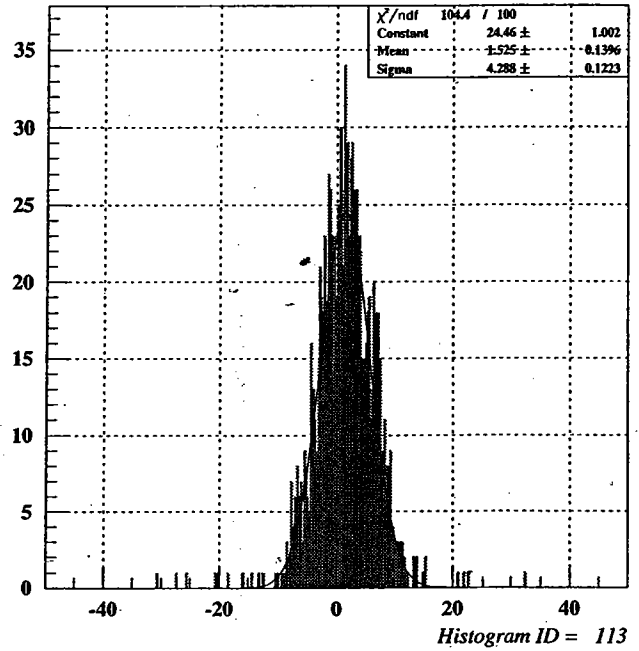
6:06, 04 23:49		prisca
Run177		
Start	-- Sun Jun 6	23:19:18 2004
Stop	-- Sun Jun 6	23:49:33 2004
Scaler Name :	Total	
UNGATED :	993566	
GATED :	801340	
NONE :	13136	
F1PP T :	63	
F2 SI :	0	
CLEAR S :	801297	
F2PP T :	995002	
F3PPA T :	985991	
E1 :	952065	
PL_2 :	994407	
PL_3 :	999181	
CLOCK :	1812883	
TGT_NAI :	357815	
TGT_BAF :	627	
MOMOTA :	13491	
OKUNO :	1268	
FC :	4629	
MOMOTA1 :	1063254	
MOMOTA2 :	153537246	
MOMOTA3 :	133786212	
OKUNO1 :	21454	
OKUNO2 :	5286	
OKUNO3 :	2710	
F3PPB T :	979956	
LIVE_TGT_NAI :	286877	
LIVE_TGT_BAF :	507	
LIVE_MOMOTA :	10837	
LIVE_OKUNO :	1020	
LIVE_FC :	3837	
LIVE_MOMOTA1 :	869179	
LIVE_MOMOTA2 :	125577548	
LIVE_MOMOTA3 :	109478933	
LIVE_OKUNO1 :	17334	
LIVE_OKUNO2 :	4257	
LIVE_OKUNO3 :	2201	
LIVE_CLOCK :	1484788	

PPAC image for $B_p = 2.33$

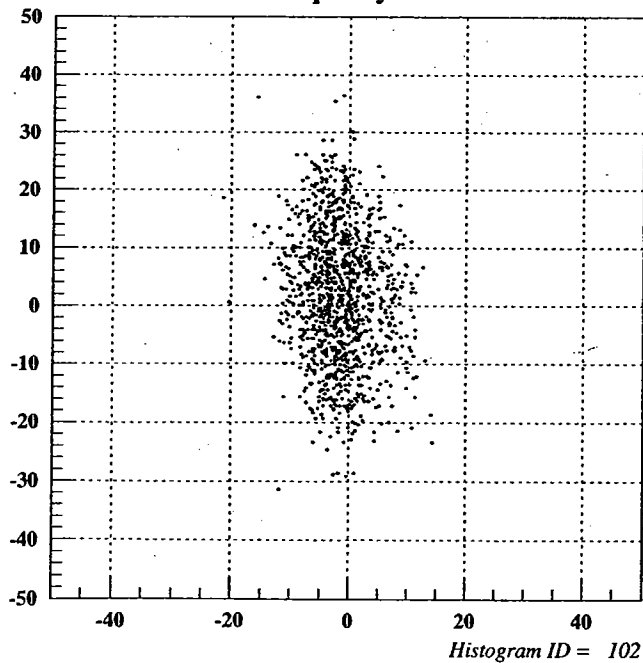
2004/06/06 23.27



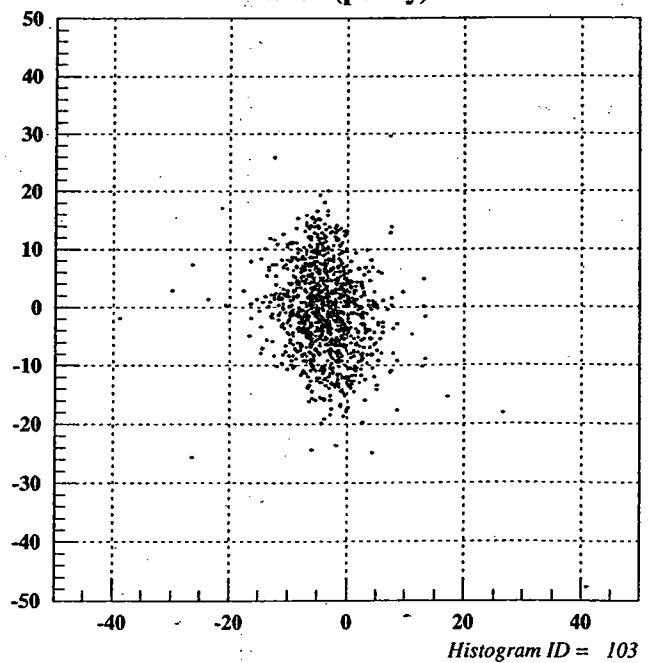
pc2 xy



Prox.(pc2 xy)



pc3a xy



pc3b xy

Run number:	128	Tape: #16	Name: 128
Description:	Be Brho = 2.33		
Date:	Jun 6, 2004	Time:	23:57
Brho1:	2.33	Brho2:	2.33
NMR1:		NMR2:	
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	+5 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT
Rips control	yes/no	prisca	SCA file: Y0138
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)

U dE-	95.8	I dE-	0.42
U E1-	99.1	I E1-	2.80
U E2-	95.6	I E2-	0.42
U E3-	95.3	I E3-	0.16
U E4-	95.4	I E4-	0.22
F1_PPAC-	-748	NaI(Tl)_1-	600
F2_PPAC-	-750	NaI(Tl)_2-	
F3_PPACA-	-755	NaI(Tl)_3-	
F3_PPACB-	-855	BaF-	1352

RIPS Control Summary

2004/06/07 00:07:20

Parameter	Set	Cur	Read	Unit	Target	F2
Q1	1.3167	151.8763	152.099		194.5 mm	RC Det
Q2	1.5337	121.1492	119.606		RC Det	Rgt 50.1 mm
Q3	0.7725	114.9970	115.375		DP 24.0 mm	LFlt 50.0 mm
SX1	0.0000	0.1469	0.000		DW 24.0 mm	PPAC
D1	0.2777	360.7181	363.444		Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000		LFlt 23.8 mm	Dec -4.9 mm
Q4	0.5572	62.7293	62.764			Pla
Q5	0.7942	78.5035	78.666			
Q6	0.6197	69.9443	70.154			
SX3	0.0000	0.1469	0.000			
D2	0.2777	375.0510	373.886			
SX4	0.0000	0.1469	0.000			
Q7	0.6468	96.2638	97.420			
Q8	1.1259	100.4170	100.611			
Q9	1.0222	117.6815	118.149			
Q10	1.1110	135.0650	136.483			
Q11	1.4205	148.1859	146.743			
Q12	1.1106	135.0163	136.372			
Focus		Brho	FA-F1	2.3300	mm	
			F2-F3	2.3300	mm	

6:07, 04 0:28

prisca

Run178

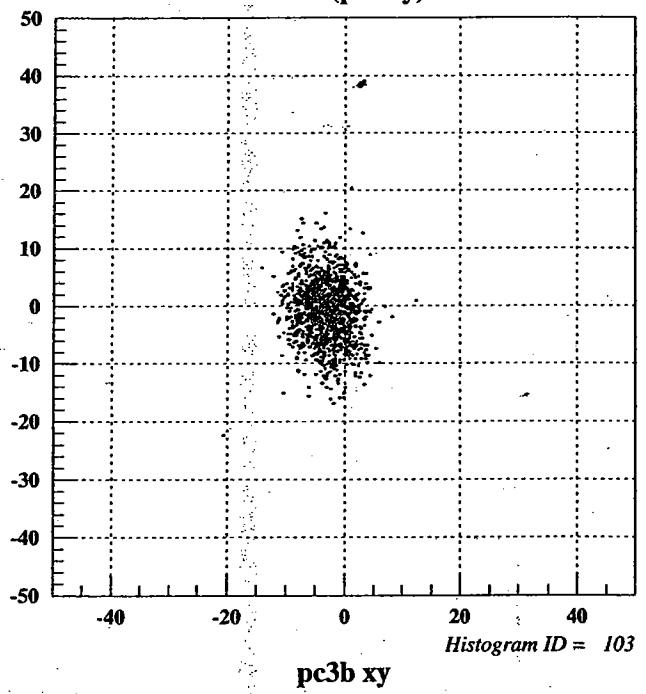
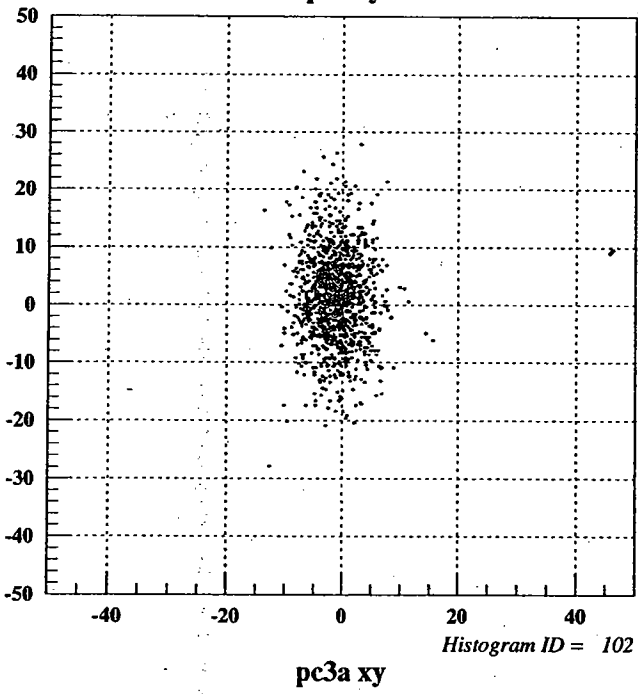
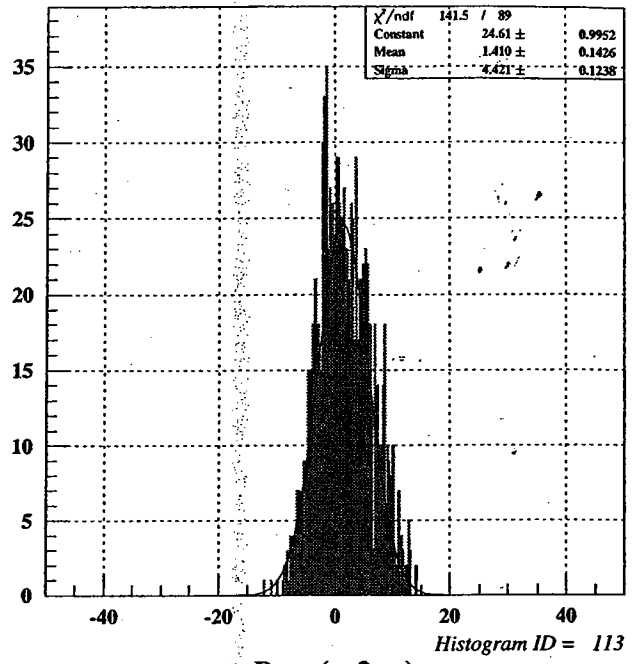
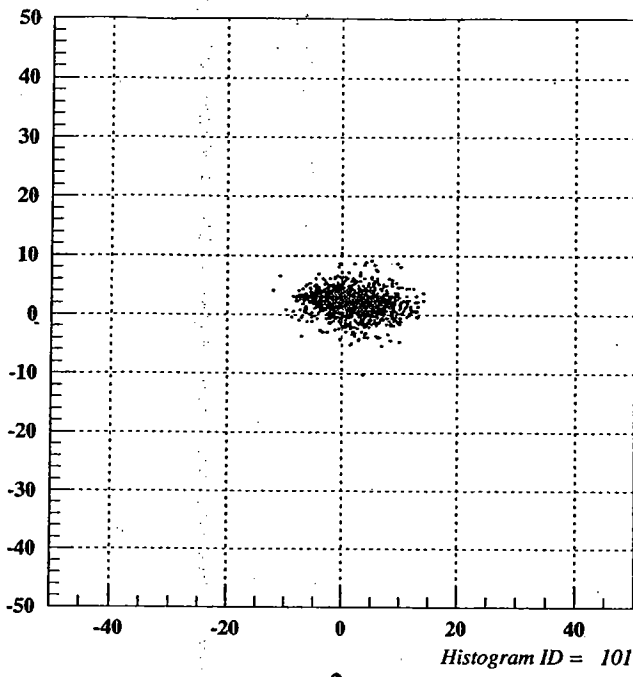
Start -- Sun Jun 6 23:57:07 2004
 Stop -- Mon Jun 7 00:28:43 2004

Scaler Name : Total

UNGATED :	1008127
GATED :	806471
NONE :	13220
F1PP T :	37
F2 SI :	0
CLEARs :	806421
F2PP T :	1018367
F3PPA T :	1010500
E1 :	967207
PL_2 :	1013089
PL_3 :	1025043
CLOCK :	1894072
TGT_NAI :	61858
TGT_BAF :	162
MOMOTA :	1006
OKUNO :	11
FC :	4944
MOMOTA1 :	1180014
MOMOTA2 :	161279645
MOMOTA3 :	141002200
OKUNO1 :	753
OKUNO2 :	168
OKUNO3 :	174
F3PPB T :	1010635
LIVE_TGT_NAI :	49165
LIVE_TGT_BAF :	139
LIVE_MOMOTA :	794
LIVE_OKUNO :	8
LIVE_FC :	4195
LIVE_MOMOTA1 :	966490
LIVE_MOMOTA2 :	132152869
LIVE_MOMOTA3 :	115594984
LIVE_OKUNO1 :	605
LIVE_OKUNO2 :	137
LIVE_OKUNO3 :	141
LIVE_CLOCK :	1553365

Run number:	179	Tape: 16	Name: AR
Description:	rips-ctrl crashed last run. New Brho.		
Date:	6/7/04	Time:	
Brho1:	2.3500	Brho2:	2.3500
NMR1:	653.069	NMR2:	653.500
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	± 5 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca yes	SCA file: r-0179.txt
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE-	95.8 v	I dE-	0.42 μ A
U E1-	99.2	I E1-	2.13
U E2-	95.8	I E2-	0.42
U E3-	95.3	I E3-	0.4 0.15
U E4-	95.4	I E4-	0.21
F1_PPAC=	- 748 v	NaI(Tl)_1=	600 v
F2_PPAC=	- 750	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0



```

TGT_NAI : 67003
TGT_BAF : 177
MOMOTA : 1096
OKUNO : 28
FC : 4333
MOMOTA1 : 1046185
MOMOTA2 : 145644795
MOMOTA3 : 127506751
OKUNO1 : 814
OKUNO2 : 207
OKUNO3 : 189
F3PPB_T : 1101031
LIVE_TGT_NAI : 51918
LIVE_TGT_BAF : 138
LIVE_MOMOTA : 871
LIVE_OKUNO : 24
LIVE_FC : 3552
LIVE_MOMOTA1 : 831106
LIVE_MOMOTA2 : 115800735
LIVE_MOMOTA3 : 101431899
LIVE_OKUNO1 : 617
LIVE_OKUNO2 : 162
LIVE_OKUNO3 : 150
LIVE_CLOCK : 1364705
    
```


RIPS Control Summary				2004/06/07 01:10:18	
Parameter	Set Cnt	Read Cnt	Target	F1	F2
01	1.3167	153.1886	153.214		
02	1.5337	122.1908	120.911	Let 194.6 mm	Ret 50.1 mm
03	0.7725	115.9852	116.154	FC 0m	
04	0.0000	0.1469	0.000	Up 24.0 mm	LIT 50.0 mm
05	0.2777	363.8199	366.618	Down 24.0 mm	PPAC
06	0.0000	0.1469	0.000	Rst 24.0 mm	SSD -94.8 mm
07	0.5572	63.2814	63.255	LIT 23.8 mm	Dev 0m
08	0.7942	79.1907	79.346	Let	PL3 -4.9 mm
09	0.6197	70.5584	70.753		
10	0.0000	0.1469	0.000		
11	0.2777	378.2716	377.324		
12	0.0000	0.1469	0.000	Dl 119.8 mm	PPAC 0m
13	0.6468	97.0913	98.314	Ret -134.9 mm	Ret 49.9 mm
14	1.1259	101.2770	101.481	Ret 5.0 mm	LIT 50.0 mm
15	1.0222	118.7003	118.807	LIT 5.0 mm	PPAC 0m
16	1.1110	136.2255	138.041	Mon 0m	SSD 0m
17	1.4205	149.4554	147.830	Dev 0m	PL3 0m
18	1.1106	136.1763	137.485	PPAC 0m	LIT
Focus		16-F1 2.3500	1m	Ret 0	
F1-F2	2.3500	1m	F2-F3 2.3500	1m	

6:07, 04 1:27		prisca	
Run179			
Start -- Mon Jun 7 00:58:26 2004			
Stop -- Mon Jun 7 01:27:03 2004			
Scaler Name :		Total	
UNGATED :	1089947		
GATED :	852728		
NONE :	13978		
F1PP_T :	40		
F2_SI :	1		
CLEARs :	852659		
F2PP_T :	1107962		
F3PPA_T :	1100847		
E1 :	1044725		
PL_2 :	1103591		
PL_3 :	1116619		
CLOCK :	1714890		
TGT_NAI :	67003		
TGT_BAF :	177		
MOMOTA :	1096		
OKUNO :	28		
FC :	4333		
MOMOTA1 :	1046185		
MOMOTA2 :	145644795		
MOMOTA3 :	127506751		
OKUNO1 :	814		
OKUNO2 :	207		
OKUNO3 :	189		
F3PPB_T :	1101031		
LIVE_TGT_NAI :	51918		
LIVE_TGT_BAF :	138		
LIVE_MOMOTA :	871		
LIVE_OKUNO :	24		
LIVE_FC :	3552		
LIVE_MOMOTA1 :	831106		
LIVE_MOMOTA2 :	115800735		
LIVE_MOMOTA3 :	101431899		
LIVE_OKUNO1 :	617		
LIVE_OKUNO2 :	162		
LIVE_OKUNO3 :	150		
LIVE_CLOCK :	1364705		

Run number:	180	Tape:	16	Name:	AD
Description:	New target. 1/2 of run will be done with slits #3mm				
Date:	6/7/04	Time:	1:34		
Brho1:	2.3500	Brho2:	2.3500		
NMR1:	653.070	NMR2:	653.424		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	1.5 mm	F1PPAC:	IN	OUT	
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN	OUT	
F2 Scint:	IN OUT	F3 Scint:	IN	OUT	
Rips control	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.8	I dE=	0.42
U E1=	99.3	I E1=	2.14
U E2=	95.9	I E2=	0.44
U E3=	95.3	I E3=	0.15
U E4=	95.9	I E4=	0.21
F1_PPAC=	- 748	NaI(Tl)_1=	600
F2_PPAC=	- 750	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0

RIPS Control Summary				2004/06/07 01:45:20	
Parameter	Set	Cur	Real	Target	Unit
01	1.3167	153.1886	153.214		
02	1.5337	122.1908	120.792	95.8	mm
03	0.7725	115.9852	116.327		
04	0.0000	0.1469	0.000	24.0	mm
05	0.2777	363.8199	366.618	24.0	mm
06	0.0000	0.1469	0.000	24.0	mm
07	0.5572	63.2814	63.309	23.8	mm
08	0.7942	79.1907	79.346		
09	0.6197	70.5584	70.698		
10	0.0000	0.1469	0.000		
11	0.2777	378.2716	377.588		
12	0.0000	0.1469	0.000		
13	0.6468	97.0913	98.233		
14	1.1259	101.2770	101.402		
15	1.0222	118.7003	119.183		
16	1.1110	136.2255	138.041		
17	1.4205	149.4554	147.966		
18	1.1106	136.1763	137.485		

Target	95.8	mm
Target	24.0	mm
Target	24.0	mm
Target	24.0	mm
Target	23.8	mm
Target	119.8	mm
Target	-134.9	mm
Target	5.0	mm
Target	5.0	mm
Target	0	deg

Focus	2.3500	mm
Focus	2.3500	mm

6/07/04 1:51		prisca
Run180		
Start -- Mon Jun 7 01:34:14 2004		
Stop -- Mon Jun 7 01:50:48 2004		
Scaler Name :	Total	
UNGATED :	661087	
GATED :	508537	
NONE :	8336	
F1PP T :	35	
F2 SI :	0	
CLEARs :	508497	
F2PP T :	661355	
F3PPA T :	657412	
E1 :	631387	
PL_2 :	663386	
PL_3 :	666581	
CLOCK :	992686	
TGT_NAI :	266392	
TGT_BAF :	463	
MOMOTA :	9906	
OKUNO :	837	
FC :	2477	
MOMOTA1 :	606850	
MOMOTA2 :	84334461	
MOMOTA3 :	73942277	
OKUNO1 :	14959	
OKUNO2 :	3572	
OKUNO3 :	1830	
F3PPB T :	653375	
LIVE TGT_NAI :	203820	
LIVE TGT_BAF :	358	
LIVE_MOMOTA :	7597	
LIVE_OKUNO :	628	
LIVE_FC :	2042	
LIVE_MOMOTA1 :	478637	
LIVE_MOMOTA2 :	66544546	
LIVE_MOMOTA3 :	58368909	
LIVE_OKUNO1 :	11468	
LIVE_OKUNO2 :	2730	
LIVE_OKUNO3 :	1394	
LIVE_CLOCK :	783875	

Run number:	181	Tape:	16	Name:	M
Description:	It is the same as run 180 however the slit = ± 3 mm				
Date:	6/7/04	Time:			
Brho1:	2.35	Brho2:	2.35		
NMR1:		NMR2:			
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3.00 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U_dE=		I_dE=	
U_E1=		I_E1=	
U_E2=		I_E2=	
U_E3=		I_E3=	
U_E4=		I_E4=	
F1_PPAC=		NaI(Tl)_1=	
F2_PPAC=		NaI(Tl)_2=	
F3_PPACA=		NaI(Tl)_3=	
F3_PPACB=		BaF=	

6-107, 04 2:14

prisca

Run181

Start -- Mon Jun 7 01:55:19 2004
Stop -- Mon Jun 7 02:14:23 2004

Scaler Name : Total

UNGATED :	622086
GATED :	504738
NONE :	8274
F1PP_T :	109
F2_SI :	0
CLEAR_S :	504715
F2PP_T :	623239
F3PPA_T :	618194
E1 :	592365
PL_2 :	624107
PL_3 :	626530
CLOCK :	1142534
TGT_NAI :	410814
TGT_BAF :	661
MOMOTA :	15456
OKUNO :	1365
FC :	2937
MOMOTA1 :	685519
MOMOTA2 :	96882769
MOMOTA3 :	85070859
OKUNO1 :	23915
OKUNO2 :	5789
OKUNO3 :	2933
F3PPB_T :	614206
LIVE_TGT_NAI :	331255
LIVE_TGT_BAF :	546
LIVE_MOMOTA :	12511
LIVE_OKUNO :	1101
LIVE_FC :	2469
LIVE_MOMOTA1 :	560242
LIVE_MOMOTA2 :	79271986
LIVE_MOMOTA3 :	69635435
LIVE_OKUNO1 :	19397
LIVE_OKUNO2 :	4674
LIVE_OKUNO3 :	2391
LIVE_CLOCK :	936400

Run number:	182	Tape:	16	Name:	ARC
Description:					
Date:	6/7/04	Time:			
Brho1:	2.8000	Brho2:	2.8000		
NMR1:	777.715	NMR2:	778.264		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.45
U E1=	99.4	I E1=	2.23
U E2=	96.0	I E2=	9.52
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.21
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-750	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	

RIPS Control Summary			2004/06/07 02:55:17	
Parameter	Best Curr.	Best Sum	Target	Unit
Q1	1.3167	182.7157	182.519	
Q2	1.5337	145.6257	143.811	
Q3	0.7725	138.2199	138.242	
SX1	0.0000	0.1469	0.000	
D1	0.2777	433.6103	436.979	
SX2	0.0000	0.1469	0.000	
D4	0.5572	75.7045	75.687	
Q5	0.7942	94.6524	94.820	
Q6	0.6197	84.3749	84.620	
SX3	0.0000	0.1469	0.000	
D2	0.2777	450.7361	449.245	
SX4	0.0000	0.1469	0.000	
Q7	0.6468	115.7079	116.936	
Q8	1.1259	120.6286	121.017	
Q9	1.0222	141.6232	141.835	
Q10	1.1110	162.3358	164.514	
Q11	1.4205	178.0198	176.228	
Q12	1.1106	162.2772	163.736	

Focus	1A-F1	2.8000	1m
1A-F2	2.8000	1m	
F2-F3	2.8000	1m	

6:07.04 3:11 prisca

Run182

Start -- Mon Jun 7 02:49:33 2004
 Stop -- Mon Jun 7 03:11:32 2004

Scaler Name :	Total
UNGATED :	1313777
GATED :	913304
NONE :	14970
F1PP T :	1897
F2_SI :	0
CLEARs :	913171
F2PP T :	1278235
F3PPA_T :	1294937
E1 :	1151753
PL_2 :	1315977
PL_3 :	1338901
CLOCK :	1316604
TGT_NAI :	4878375
TGT_BAF :	7362
MOMOTA :	170792
OKUNO :	15709
FC :	3201
MOMOTA1 :	993790
MOMOTA2 :	113564115
MOMOTA3 :	99898560
OKUNO1 :	266830
OKUNO2 :	65423
OKUNO3 :	32871
F3PPB_T :	1285042
LIVE TGT_NAI :	3362855
LIVE TGT_BAF :	5130
LIVE_MOMOTA :	117776
LIVE_OKUNO :	10883
LIVE_FC :	2372
LIVE_MOMOTA1 :	702913
LIVE_MOMOTA2 :	81041794
LIVE_MOMOTA3 :	71321147
LIVE_OKUNO1 :	184109
LIVE_OKUNO2 :	45185
LIVE_OKUNO3 :	22840
LIVE_CLOCK :	941710

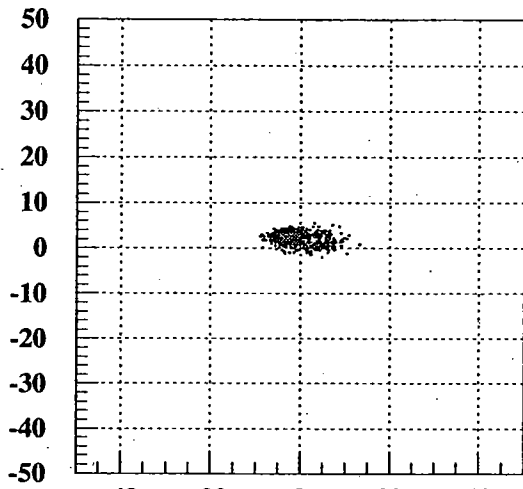
Run number:	183	Tape:	16	Name:	183
Description:	Ba				
Date:	June 7, 2007	Time:	03:18		
Brho1:	2.99	Brho2:	2.99		
NMR1:		NMR2:			
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±5.00 mm	F1PPAC:	IN	OUT	
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	(yes/no)	prisca	SCA file 183 12		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.42
U E1=	99.4	I E1=	2.16
U E2=	96.0	I E2=	0.54
U E3=	95.4	I E3=	0.22
U E4=	95.3	I E4=	0.16
F1_PPAC=	-248	NaI(Tl)_1=	100
F2_PPAC=	-250	NaI(Tl)_2=	
F3_PPACA=	-255	NaI(Tl)_3=	
F3_PPACB=	-255	BaF=	1352

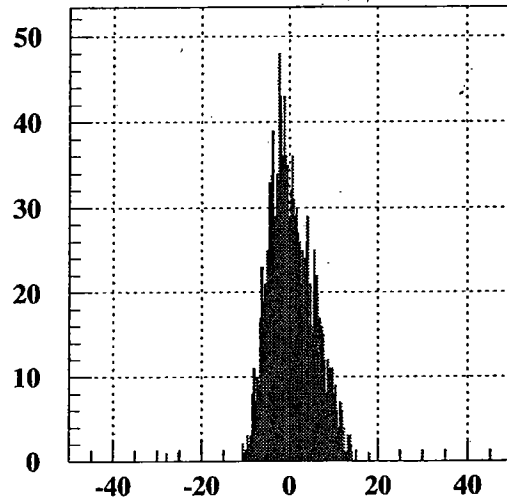
RIPS Control Summary				2004/06/07 03:28:29	
Parameter	Set Curr.	Read Curr.	Target	F2	
Q1	1.3167	195.1826	195.111	Tgt 95.9 mm	FC Dnt
Q2	1.5337	155.5204	153.897	FC Dnt	Rgt 50.1 mm
Q3	0.7725	147.6079	147.856	Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Down 24.0 mm	PPAC
Q1	0.2777	463.0773	466.605	Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Dnt -4.9 deg
Q4	0.5572	80.9498	80.813	Lgt	Pla In
Q5	0.7942	101.1807	101.318		
Q6	0.6197	90.2086	90.494		
SX3	0.0000	0.1469	0.000		
Q2	0.2777	481.3323	480.975	F1 D1 119.8 mm	F3 PPAC1 In
SX4	0.0000	0.1469	0.000	Id -134.9 mm	Rgt 49.9 mm
Q7	0.6468	123.5683	124.824	Rgt 3.0 mm	Lft 50.0 mm
Q8	1.1259	128.7992	129.244	Lft 3.0 mm	PPAC2 In
Q9	1.0222	151.3017	151.705	Mon Dnt	SSD Dnt
Q10	1.1110	173.3601	175.749	DEG Exp	Pla In
Q11	1.4205	190.0803	188.184	PPAC Dnt	Lgt
Q12	1.1106	173.2976	174.080	Rgt 0 deg	
Focus		Brio TA-F1 2.9900 In			
F4-F2	2.9900 In	F2-F3 2.9900 In			

6*07_04 3:28		prisca
Run183		
Start -- Mon Jun 7 03:17:58 2004		
Stop -- Mon Jun 7 03:28:08 2004		
Scaler Name :	Total	
UNGATED :	424325	
GATED :	325766	
NONE :	5340	
F1PP T :	1104	
F2 SI :	0	
CLEARs :	325741	
F2PP T :	42055	
F3PPA T :	147899	
E1 :	152129	
PL 2 :	328917	
PL 3 :	405088	
CLOCK :	608707	
TGT NAI :	65	
TGT BAF :	139566	
MOMOTA :	3433693	
OKUNO :	302737	
FC :	637	
MOMOTA1 :	5531485	
MOMOTA2 :	101067321	
MOMOTA3 :	96604353	
OKUNO1 :	5195157	
OKUNO2 :	1269188	
OKUNO3 :	630857	
F3PPB T :	80120	
LIVE TGT NAI :	52	
LIVE TGT BAF :	107365	
LIVE MOMOTA :	2636361	
LIVE OKUNO :	232185	
LIVE FC :	507	
LIVE MOMOTA1 :	4254456	
LIVE MOMOTA2 :	78378104	
LIVE MOMOTA3 :	74751122	
LIVE OKUNO1 :	3987655	
LIVE OKUNO2 :	974104	
LIVE OKUNO3 :	482970	
LIVE_CLOCK :	475368	

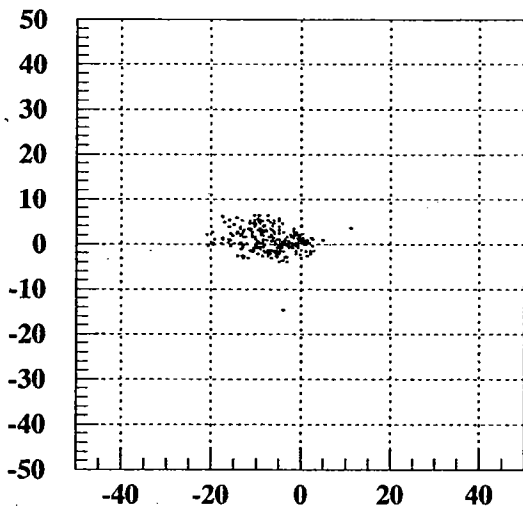
RUN 183, $B_p = 2.99$, T_a target, F1 slit = 3mm



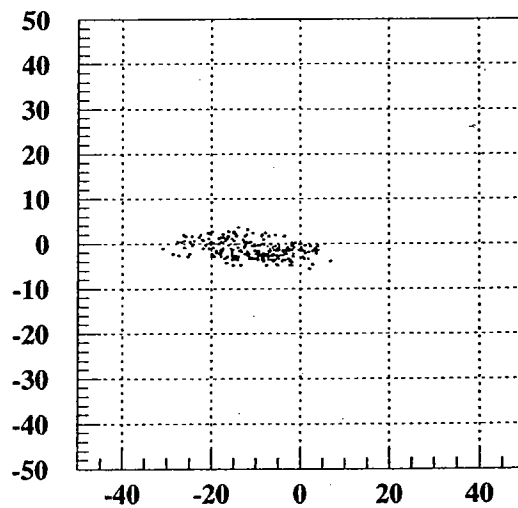
Histogram ID = 113
pc2 xy



Histogram ID = 134
Prox.(pc2 xy)



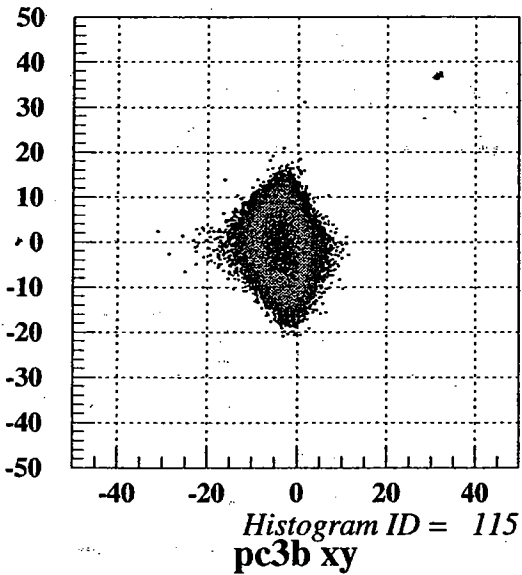
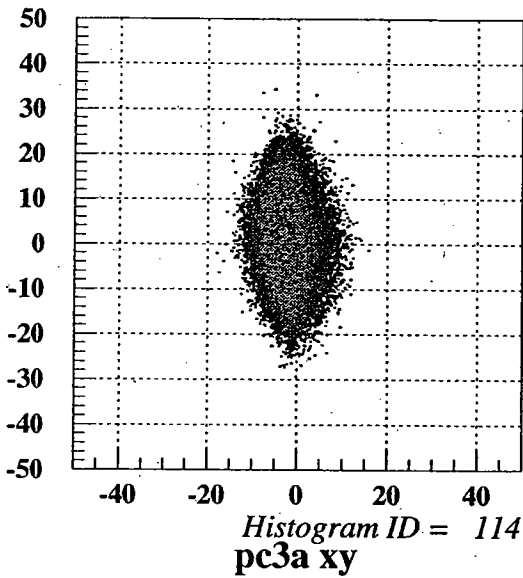
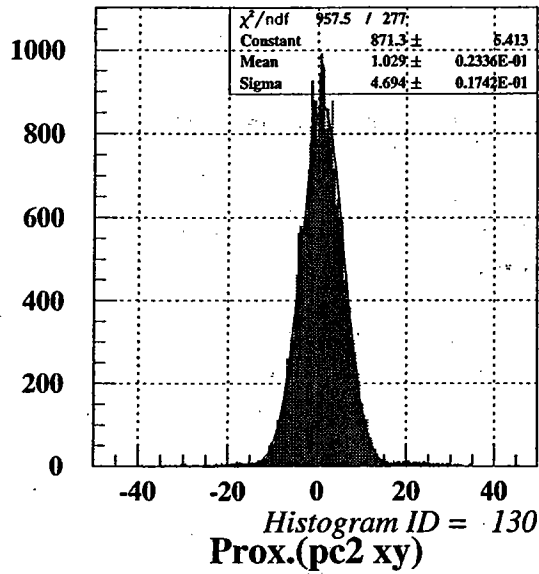
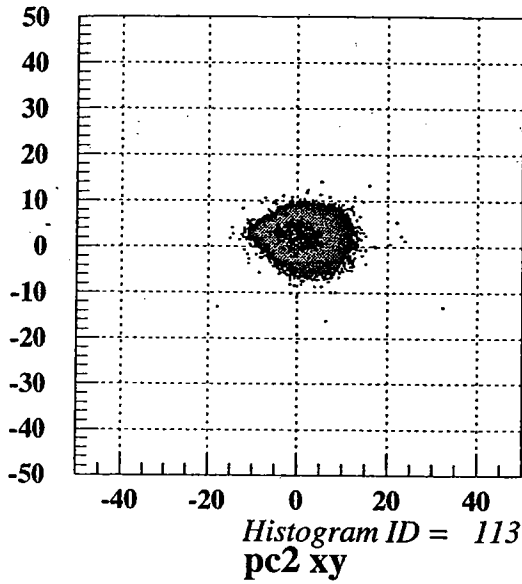
Histogram ID = 114
pc3a xy



Histogram ID = 115
pc3b xy

Run number:	184	Tape: #	16	Name:	184
Description:	Ta				
Date:	June 7 2004	Time:	3:36		
Brho1:	2.37	Brho2:	2.88		
NMR1:	659.22	NMR2:	659.50		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3.00 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	yes/no	prisca	SCA file: 1018465		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.42
U E1=	99.4	I E1=	2.12
U E2=	96.0	I E2=	0.59
U E3=	95.3	I E3=	0.16
U E4=	95.4	I E4=	0.22
F1_PPAC=	-248	NaI(Tl)_1=	600
F2_PPAC=	-250	NaI(Tl)_2=	
F3_PPACA=	-255	NaI(Tl)_3=	
F3_PPACB=	-255	BaF=	1352



prisca

07/04/06

1184

art -- Mon Jun 7 03:36:12 2004
pp -- Mon Jun 7 04:06:30 2004

Scaler Name : Total

```

644725
554634
  9092
  141
  0
554613
642291
638930
617195
  E1 : 644781
  PL 2 : 647619
  PL 3 : 1816202
CLOCK : 436240
TGT_NAI : 762
TGT_BAF : 16704
MOMOTA : 1458
OKUNO : 4625
FC : 994083
MOMOT1 : 153576182
MOMOT2 : 134630102
MOMOT3 : 25542
OKUNO1 : 6216
OKUNO2 : 3256
OKUNO3 : 634601
F3PPB_T : 374266
LIVE_TGT_NAI : 647
LIVE_TGT_BAF : 14316
LIVE_MOMOTA : 1244
LIVE_OKUNO : 4112
LIVE_FC : 866113
LIVE_MOMOT1 : 133876221
LIVE_MOMOT2 : 117382801
LIVE_MOMOT3 : 21871
LIVE_OKUNO1 : 5329
LIVE_OKUNO2 : 2797
LIVE_OKUNO3 : 1583955
LIVE_CLOCK :

```

RIPS Control Summary

2004/06/07 03:49:32

Parameter	Set	Cur	Read	Unit	Target	Unit
Q1	1.3167	154.5010	154.439			
Q2	1.5337	123.2323	121.741		95.8	mm
Q3	0.7725	116.9734	116.761		50.1	mm
SX1	0.0000	0.1469	0.000		24.0	mm
D1	0.2777	366.9217	369.792		24.0	mm
SX2	0.0000	0.1469	0.000		24.0	mm
Q4	0.5572	63.8335	63.800		23.8	mm
Q5	0.7942	79.8779	79.965			
Q6	0.6197	71.1725	71.460			
SX3	0.0000	0.1469	0.000			
D2	0.2777	381.4922	380.761			
SX4	0.0000	0.1469	0.000			
Q7	0.6468	97.9187	99.290			
Q8	1.1259	102.1371	102.351			
Q9	1.0222	119.7191	119.935			
Q10	1.1110	137.3859	139.264			
Q11	1.4205	150.7249	148.781			
Q12	1.1106	137.3363	138.819			
Focus						
F1	2.3700			mm		
F2	2.3700			mm		

07.04.4:06
184
prisca

Mon Jun 7 03:36:12 2004
Mon Jun 7 04:06:30 2004

Scaler Name : Total

UNGATED	644725
GATED	554634
NONE	9092
FLPP_T	141
F2_SI	0
CLEAR	554613
F2PP_T	642291
F3PPA_T	638930
E1	617195
PL_2	644781
PL_3	647619
CLOCK	1816202
TGT_NAI	436240
TGT_BAF	762
MOMOTA	16704
OKUNO	1458
FC	4625
MOMOT1	994083
MOMOT2	153576182
MOMOT3	134630102
OKUNO1	25542
OKUNO2	6216
OKUNO3	3256
F3PP_T	634601
LIVE_TGT_NAI	374266
LIVE_TGT_BAF	647
LIVE_MOMOTA	14316
LIVE_OKUNO	1244
LIVE_FC	4112
LIVE_MOMOT1	866113
LIVE_MOMOT2	133876221
LIVE_MOMOT3	117382801
LIVE_OKUNO1	21871
LIVE_OKUNO2	5329
LIVE_OKUNO3	2797
LIVE_CLOCK	1583955

Run number:	185	Tape: #	16	Name:	185
Description:	Be				
Date:	June 7, 2004	Time:			
Brho1:	2.38	Brho2:	2.38		
NMR1:	659.09	NMR2:	659.29		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file: 10185.k		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

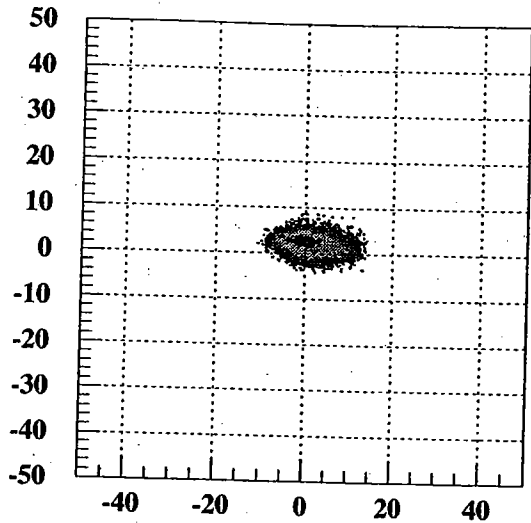
Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.46
U E1=	99.4	I E1=	2.28
U E2=	96.0	I E2=	0.54
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.22
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-750	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1352

RIPS Control Summary				2004/06/07 04:24:50	
Parameter	Set Curr	Read Curr	Target	F2	
Q1	1.3167	154.5010	154.439	Tgt 194.5 mm	FC Out
Q2	1.5337	123.2323	121.504	Ret 50.1 mm	
Q3	0.7725	116.9734	116.934	Up 24.0 mm	LFL 50.0 mm
SX1	0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC
b1	0.2777	366.9217	369.528	Ret 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lfr 23.8 mm	Deg -4.9 deg
Q4	0.5572	63.8335	63.745	Let	Pla IN
Q5	0.7942	79.8779	80.027		
Q6	0.6197	71.1725	71.351		
SX3	0.0000	0.1469	0.000		
b2	0.2777	381.4922	381.025	F1	F3
SX4	0.0000	0.1469	0.000	DI 119.8 mm	PPAC1 IN
Q7	0.6468	97.9187	99.046	Id -134.9 mm	Ret 49.9 mm
Q8	1.1259	102.1371	102.272	Ret 3.0 mm	Lfr 50.0 mm
Q9	1.0222	119.7191	119.841	Lfr 3.0 mm	PPAC2 IN
Q10	1.1110	137.3859	139.042	Mon mm	SSD Out
Q11	1.4205	150.7249	149.189	Deg 1.4 deg	Pla IN
Q12	1.1106	137.3363	138.708	PPAC Out	Let
Focus		Brho	TA F1 2.3700 In	Rot 0 deg	
F1-F2	2.3700 In	F2-F3	2.3700 In		

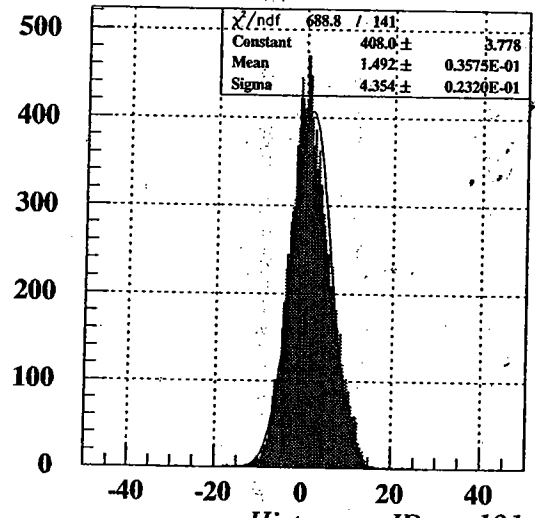
6:07, 04:44		prisca	
Run185			
Start -- Mon Jun 7 04:13:38 2004			
Stop -- Mon Jun 7 04:44:07 2004			
Scaler Name :		Total	
UNGATED :	1748231		
GATED :	1234729		
NONE :	20238		
F1PP_T :	222		
F2_SI :	0		
CLEAR_S :	1234519		
F2PP_T :	1762923		
F3PPA_T :	1755586		
E1 :	1618398		
PL_2 :	1760231		
PL_3 :	1780834		
CLOCK :	1826228		
TGT_NAI :	168516		
TGT_BAF :	358		
MOMOTA :	3032		
OKUNO :	67		
FC :	4845		
MOMOTA1 :	1013610		
MOMOTA2 :	154395153		
MOMOTA3 :	135556898		
OKUNO1 :	2317		
OKUNO2 :	491		
OKUNO3 :	451		
F3PPB_T :	1756053		
LIVE_TGT_NAI :	118270		
LIVE_TGT_BAF :	246		
LIVE_MOMOTA :	2128		
LIVE_OKUNO :	47		
LIVE_FC :	3690		
LIVE_MOMOTA1 :	731210		
LIVE_MOMOTA2 :	111336563		
LIVE_MOMOTA3 :	97821991		
LIVE_OKUNO1 :	1627		
LIVE_OKUNO2 :	356		
LIVE_OKUNO3 :	306		
LIVE_CLOCK :	1318401		

Run number:	186	Tape:	16	Name:	PR
Description:	New brho.				
Date:	6/7/04	Time:	4:47 a.m.		
Brho1:	2.39	Brho2:	2.39		
NMR1:	664.616	NMR2:	665.030		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

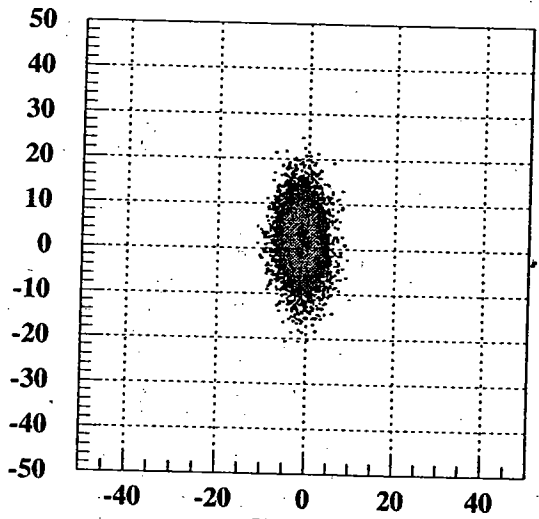
Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.44
U E1=	99.6	I E1=	2.29
U E2=	96.1	I E2=	0.55
U E3=	95.3	I E3=	0.75
U E4=	95.4	I E4=	0.82
F1_PPAC=	- 748	NaI(Tl)_1=	600
F2_PPAC=	- 750	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0



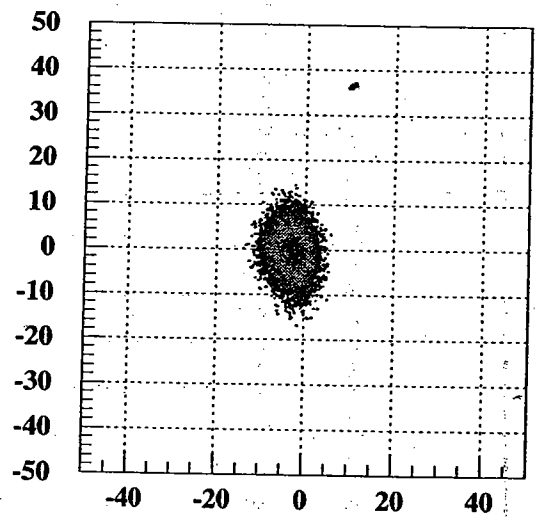
Histogram ID = 113
pc2 xy



Histogram ID = 131
Prox.(pc2 xy)



Histogram ID = 114
pc3a xy



Histogram ID = 115
pc3b xy

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PL_2 : 1632179
PL_3 : 1650916
CLOCK : 2052409
TGT_NAI : 165331
TGT_BAF : 377
MOMOTA : 3014
OKUNO : 67
FC : 5529
MOMOTA1 : 1102580
MOMOTA2 : 173582457
MOMOTA3 : 152474027
OKUNO1 : 2340
OKUNO2 : 485
OKUNO3 : 445
F3PPB_T : 1627939
LIVE_TGT_NAI : 121147
LIVE_TGT_BAF : 265
LIVE_MOMOTA : 2243
LIVE_OKUNO : 51
LIVE_FC : 4399
LIVE_MOMOTA1 : 836918
LIVE_MOMOTA2 : 131811549
LIVE_MOMOTA3 : 115847597
LIVE_OKUNO1 : 1742
LIVE_OKUNO2 : 348
LIVE_OKUNO3 : 336
LIVE_CLOCK : 1562066

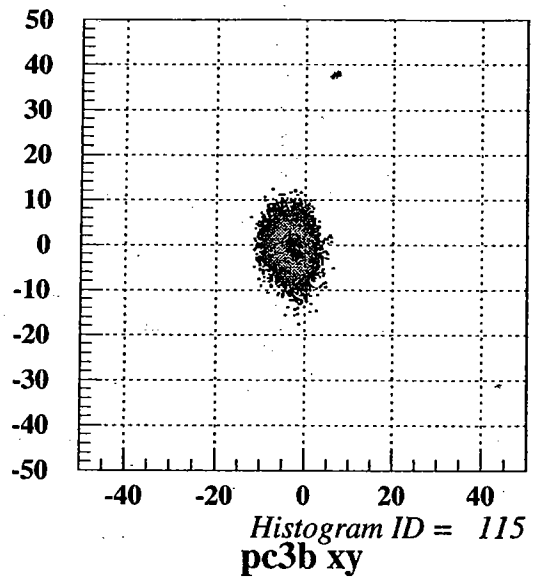
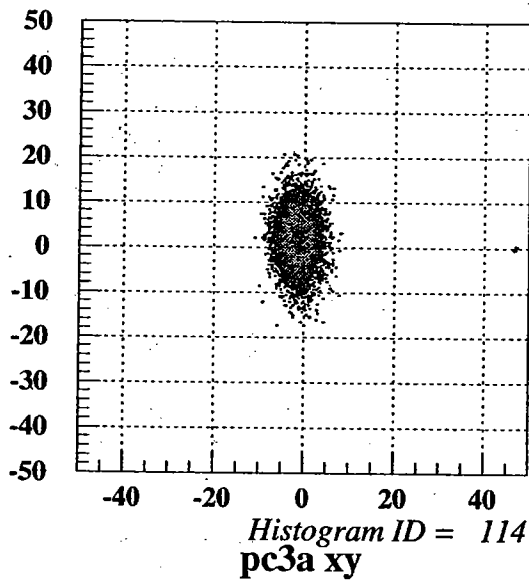
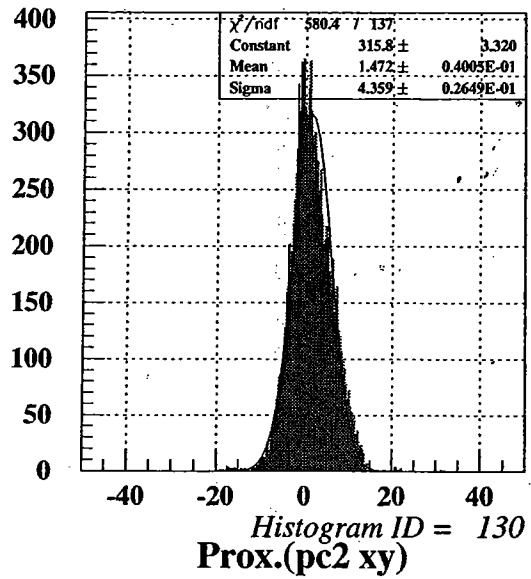
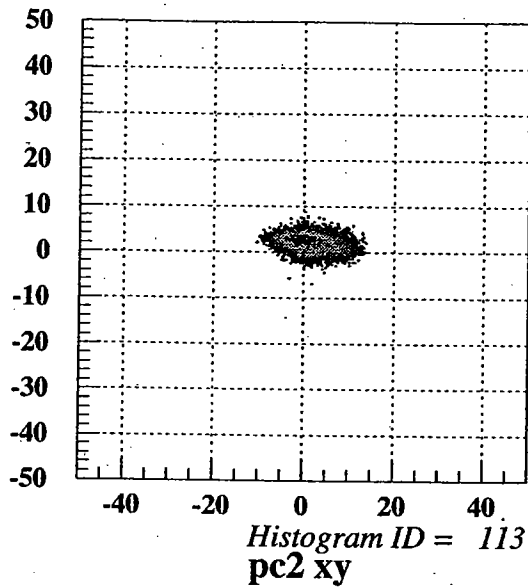
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RIPS Control Summary			2004/06/07 04:58:56	
Parameter	Set Guna	Read Guna	Target	F2
Q1	1.3167	155.8133	155.665	
Q2	1.5337	124.2739	122.691	Tgt 194.6 mm
Q3	0.7725	117.9616	118.233	FC Out
SX1	0.0000	0.1469	0.000	Ret 50.1 mm
D1	0.2777	370.0235	373.231	Up 24.0 mm
SX2	0.0000	0.1469	0.000	Gft 50.0 mm
Q4	0.5572	64.3857	64.345	Down 24.0 mm
Q5	0.7942	80.5651	80.770	Ret 24.0 mm
Q6	0.6197	71.7865	72.058	SSD -94.8 mm
SX3	0.0000	0.1469	0.000	Lft 23.8 mm
D2	0.2777	384.7129	383.934	Deg -4.9 deg
SX4	0.0000	0.1469	0.000	Lgt
Q7	0.6468	98.7461	99.859	
Q8	1.1259	102.9972	103.063	F1
Q9	1.0222	120.7379	120.875	F2
Q10	1.1110	138.5464	140.599	D1 -119.8 mm
Q11	1.4205	151.9945	150.004	Id -134.9 mm
Q12	1.1106	138.4964	139.932	Ret 3.0 mm
				Lft 3.0 mm
				Down Out
				Deg Exp
				PPAC Out
				Rot 0
Focus				
F1 F2	2.3900			
F2 F3		2.3900		

6-107, 04:5:22		prisca
Run186		
Start	-- Mon Jun 7 04:47:46 2004	
Stop	-- Mon Jun 7 05:22:01 2004	
Scaler Name :	Total	
UNGATED :	1620082	
GATED :	1199642	
NONE :	19664	
F1PP T :	513	
F2 SI :	0	
CLEARs :	1199505	
F2PP T :	1633651	
F3PPA T :	1627653	
E1 :	1515298	
PL_2 :	1632179	
PL_3 :	1650916	
CLOCK :	2052409	
TGT_NAI :	165331	
TGT_BAF :	377	
MOMOTA :	3014	
OKUNO :	67	
FC :	5529	
MOMOTA1 :	1102580	
MOMOTA2 :	173582457	
MOMOTA3 :	152474027	
OKUNO1 :	2340	
OKUNO2 :	485	
OKUNO3 :	445	
F3PPB T :	1627939	
LIVE_TGT_NAI :	121147	
LIVE_TGT_BAF :	265	
LIVE_MOMOTA :	2243	
LIVE_OKUNO :	51	
LIVE_FC :	4399	
LIVE_MOMOTA1 :	836918	
LIVE_MOMOTA2 :	131811549	
LIVE_MOMOTA3 :	115847597	
LIVE_OKUNO1 :	1742	
LIVE_OKUNO2 :	348	
LIVE_OKUNO3 :	336	
LIVE_CLOCK :	1562066	

Run number:	187	Tape:	17	Name:	AR
Description:	New Brho.				
Date:	6/7/04	Time:	5:28		
Brho1:	2.4100	Brho2:	2.4100		
NMR1:	670.125	NMR2:	670.550		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/ F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.45
U E1=	99.6	I E1=	2.33
U E2=	96.1	I E2=	0.56
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.22
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-750	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	13520



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F3PPA_T : 1797083
E1 : 1654315
PL_2 : 1801709
PL_3 : 1822901
CLOCK : 1846080
TGT_NAI : 186102
TGT_BAF : 420
MOMOTA : 3304
OKUNO : 94
FC : 4876
MOMOTA1 : 976398
MOMOTA2 : 155806229
MOMOTA3 : 136703680
OKUNO1 : 2660
OKUNO2 : 582
OKUNO3 : 478
F3PPB_T : 1797401
LIVE_TGT_NAI : 129932
LIVE_TGT_BAF : 296
LIVE_MOMOTA : 2297
LIVE_OKUNO : 66
LIVE_FC : 3669
LIVE_MOMOTA1 : 696668
LIVE_MOMOTA2 : 111113685
LIVE_MOMOTA3 : 97553899
LIVE_OKUNO1 : 1820
LIVE_OKUNO2 : 403
LIVE_OKUNO3 : 347
LIVE_CLOCK : 1319076
  
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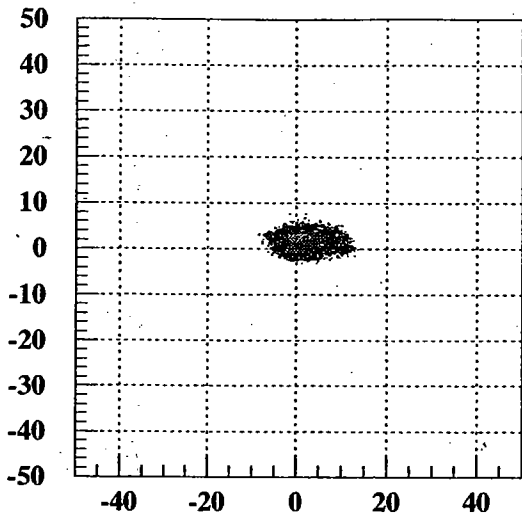
RIPS Control Summary				2004/06/07 05:40:00	
Parameter	Set Curr	Read Curr	Target	F1	F2
Q1	1.3167	157.1256	157.002	Tgt 194.5 mm	RC Dlt
Q2	1.5337	125.3154	123.521	RC Dlt	Ret 50.1 mm
Q3	0.7725	118.9499	119.446	Op 24.0 mm	Lft 50.0 mm
Sx1	0.0000	0.1469	0.000	Dm 24.0 mm	PPAC
Q11	0.2777	373.1253	375.612	Ret 24.0 mm	SSD -94.8 mm
Sx2	0.0000	0.1469	0.000	Lft 23.8 mm	Dep Dlt
Q4	0.5572	64.9378	64.890	Lgt	P1a 0
Q5	0.7942	81.2523	81.389		
Q6	0.6197	72.4006	72.656		
Sx3	0.0000	0.1469	0.021		
Q12	0.2777	387.9336	387.371	F1	F2
Sx4	0.0000	0.1469	0.000	Dl 119.8 mm	PPAC1 in
Q7	0.6468	99.5735	100.916	Id -134.9 mm	Ret 49.9 mm
Q8	1.1259	103.8573	104.091	Ret 3.0 mm	Lft 50.0 mm
Q9	1.0222	121.7567	121.909	Lft 3.0 mm	PPAC2 in
Q10	1.1110	139.7069	141.489	Mod 0	SSD out
Q11	1.4205	153.2640	151.091	Dep 0	P1a in
Q12	1.1106	139.6564	141.044	PPAC out	Lgt
Focus		Brho	F1 F2 2.4100 In	Ret 0	Dep
F1 F2	2.4100 In	F2 F3	2.4100 In		

6:07, 04 5:59		prisca	
Run187			
Start -- Mon Jun 7 05:28:49 2004			
Stop -- Mon Jun 7 05:59:38 2004			
Scaler Name :	Total		
UNGATED :	1789087		
GATED :	1256207		
NONE :	20590		
F1PP T :	487		
F2 SI :	0		
CLEARs :	1255991		
F2PP T :	1802784		
F3PPA T :	1797083		
E1 :	1654315		
PL 2 :	1801709		
PL 3 :	1822901		
CLOCK :	1846080		
TGT NAI :	186102		
TGT BAF :	420		
MOMOTA :	3304		
OKUNO :	94		
FC :	4876		
MOMOTA1 :	976398		
MOMOTA2 :	155806229		
MOMOTA3 :	136703680		
OKUNO1 :	2660		
OKUNO2 :	582		
OKUNO3 :	478		
F3PPB T :	1797401		
LIVE TGT NAI :	129932		
LIVE TGT BAF :	296		
LIVE MOMOTA :	2297		
LIVE OKUNO :	66		
LIVE FC :	3669		
LIVE MOMOTA1 :	696668		
LIVE MOMOTA2 :	111113685		
LIVE MOMOTA3 :	97553899		
LIVE OKUNO1 :	1820		
LIVE OKUNO2 :	403		
LIVE OKUNO3 :	347		
LIVE_CLOCK :	1319076		

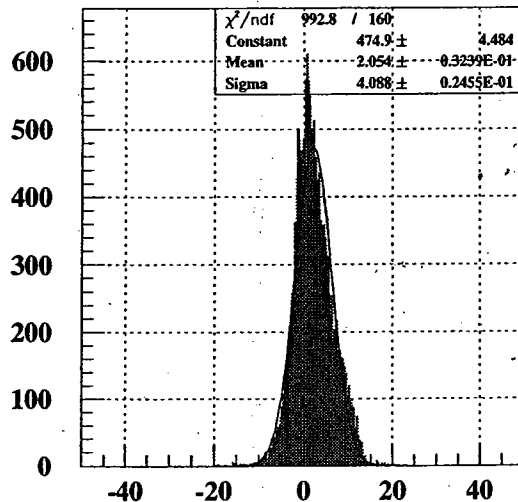
Run number:	198	Tape:	17	Name:	AK
Description:	New 6hro				
Date:	6/7/04	Time:	6:12 a.m.		
Brho1:	2.4300	Brho2:	2.4300		
NMR1:	675.629	NMR2:	676.121		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.44
U E1=	99.8	I E1=	2.42
U E2=	96.1	I E2=	0.60
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.22
F1_PPAC=	-748	NaI(Tl)_1=	600 V.
F2_PPAC=	-750	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	1352.0

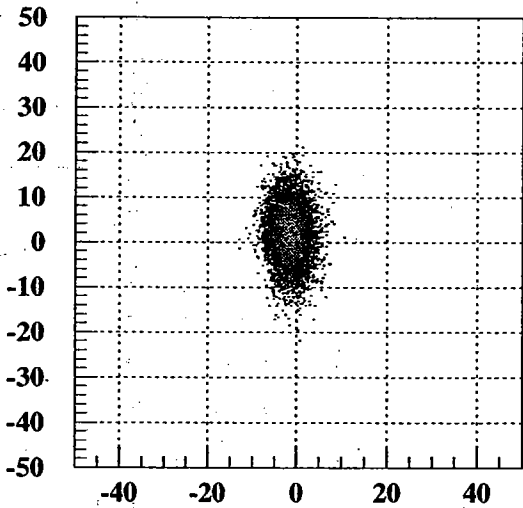
RUN 188, $B_p = 2.93$, Be target



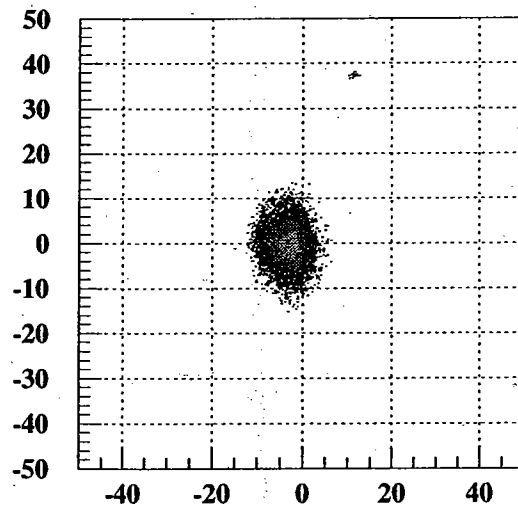
Histogram ID = 113
pc2 xy



Histogram ID = 130
Prox.(pc2 xy)



Histogram ID = 114
pc3a xy



Histogram ID = 115
pc3b xy

```

PL 3 : 2029514
CLOCK : 1780204
TGT_NAI : 196720
TGT_BAF : 404
MOMOTA : 3509
OKUNO : 82
FC : 4727
MOMOTA1 : 964304
MOMOTA2 : 150579848
MOMOTA3 : 132149303
OKUNO1 : 2789
OKUNO2 : 626
OKUNO3 : 478
F3PPB T : 2000485
LIVE_TGT_NAI : 132459
LIVE_TGT_BAF : 267
LIVE_MOMOTA : 2358
LIVE_OKUNO : 53
LIVE_FC : 3461
LIVE_MOMOTA1 : 662818
LIVE_MOMOTA2 : 103559942
LIVE_MOMOTA3 : 90956466
LIVE_OKUNO1 : 1938
LIVE_OKUNO2 : 422
LIVE_OKUNO3 : 319
LIVE_CLOCK : 1226871
    
```

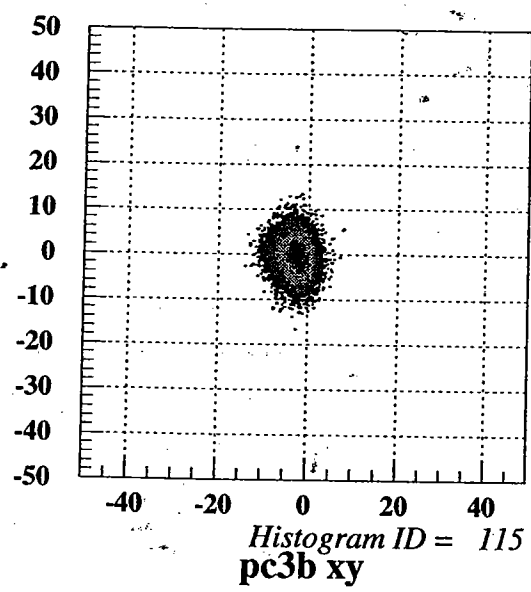
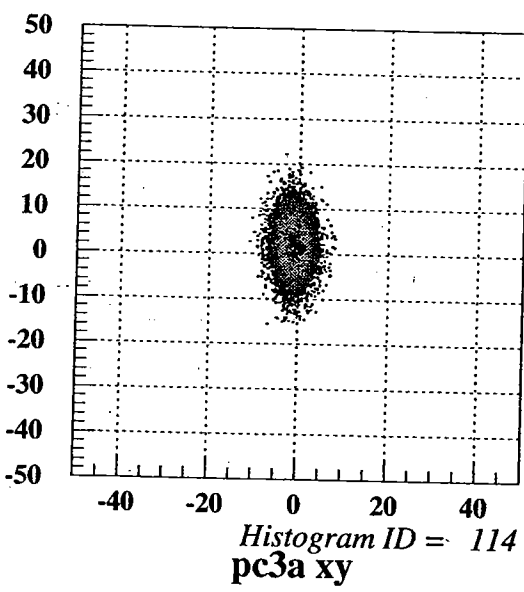
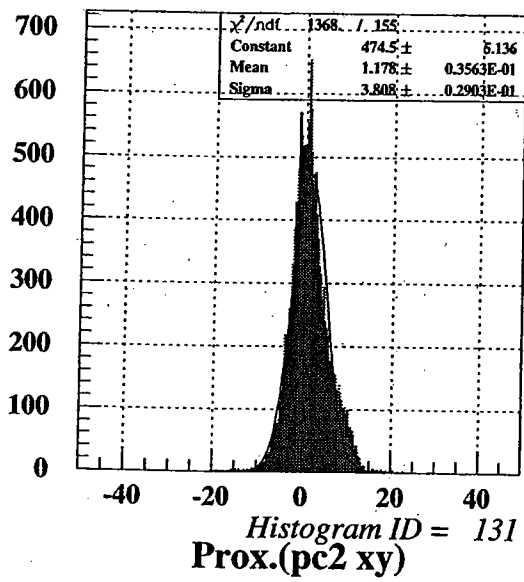
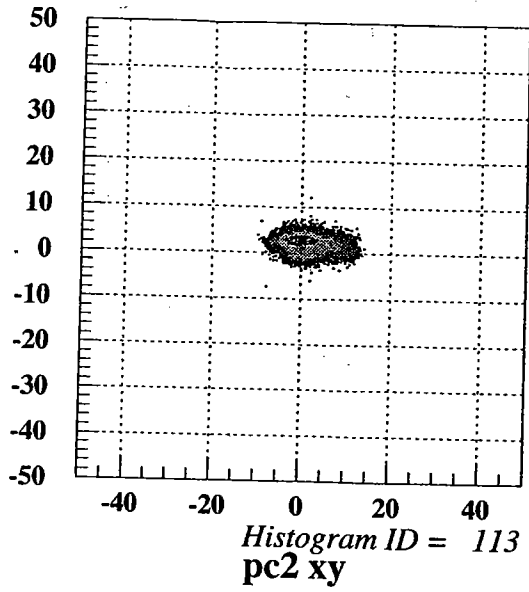
RIPS Control Summary				2004/06/07 06:23:48			
Parameter	Set Curr.	Read Curr.	Target	F2			
Q1	1.3167	158.4379	158.339	Tgt 194.6	mm	PG Out	
Q2	1.5337	126.3570	124.826	FC Out		Rgt 50.1	mm
Q3	0.7725	119.9381	120.398	Up 24.0	mm	Lft 50.0	mm
Sx1	0.0000	0.1469	0.000	Down 24.0	mm	PPAC	
D1	0.2777	376.2271	379.050	Rgt 24.0	mm	SSD -94.8	mm
Sx2	0.0000	0.1469	0.026	Lft 23.8	mm	Deg Out	
Q4	0.5572	65.4899	65.436	Lgt		Pla IN	deg
Q5	0.7942	81.9394	82.070				
Q6	0.6197	73.0147	73.417				
Sx3	0.0000	0.1469	0.000	F1		F3	
D2	0.2777	391.1542	390.280	D1 119.8	mm	PPAC1 IN	
Sx4	0.0000	0.1469	0.000	Ld -134.9	mm	Rgt 49.9	mm
Q7	0.6468	100.4009	101.567	Rgt 3.0	mm	Lft 50.0	mm
Q8	1.1259	104.7173	105.119	Lft 3.0	mm	PPAC2 IN	
Q9	1.0222	122.7759	123.131	Mon Out		SSD Out	
Q10	1.1110	140.8673	142.824	Deg Exp		Pla IN	
Q11	1.4205	154.5335	152.314	PPAC Out		Lgt	
Q12	1.1106	140.8165	142.268	Rot 0	deg		
Focus	Brho	TA-F1 2.4300	In				
F1-F2 2.4300	In	F2-F3 2.4300	In				

6:07, 04 6:42		prisca
Run188		
Start	-- Mon Jun 7 06:12:38 2004	
Stop	-- Mon Jun 7 06:42:21 2004	
Scaler Name :	Total	
UNGATED :	1987865	
GATED :	1349945	
NONE :	22126	
F1PP T :	521	
F2 SI :	0	
CLEARs :	1349687	
F2PP T :	2005299	
F3PPA T :	1999954	
E1 :	1820248	
PL 2 :	2005671	
PL 3 :	2029314	
CLOCK :	1780204	
TGT NAI :	196720	
TGT BAF :	404	
MOMOTA :	3509	
OKUNO :	82	
FC :	4727	
MOMOTA1 :	964304	
MOMOTA2 :	150579848	
MOMOTA3 :	132149303	
OKUNO1 :	2789	
OKUNO2 :	626	
OKUNO3 :	478	
F3PPB T :	2000485	
LIVE TGT NAI :	132459	
LIVE TGT BAF :	267	
LIVE MOMOTA :	2358	
LIVE OKUNO :	53	
LIVE FC :	3461	
LIVE MOMOTA1 :	662818	
LIVE MOMOTA2 :	103559942	
LIVE MOMOTA3 :	90956466	
LIVE OKUNO1 :	1938	
LIVE OKUNO2 :	422	
LIVE OKUNO3 :	319	
LIVE_CLOCK :	1226871	

Run number:	189	Tape:	18	Name:	97
Description:	New brda				
Date:	10/7/94	Time:	6:46		
Brho1:	2.4500	Brho2:	2.4500		
NMR1:	681.092	NMR2:	681.545		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prista	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	95.9	I dE=	0.48
U E1=	99.9	I E1=	2.45
U E2=	96.1	I E2=	0.63
U E3=	95.3	I E3=	0.15
U E4=	95.9	I E4=	0.22
F1_PPAC=	- 748	NaI(Tl)_1=	600 V
F2_PPAC=	- 749	NaI(Tl)_2=	600 V
F3_PPACA=	- 755	NaI(Tl)_3=	600 V
F3_PPACB=	- 755	BaF=	

RUN 189 , BP = 2.65 , Be



```

F3PPA T : 2061948
E1 : 1873209
PL 2 : 2068694
PL 3 : 2090799
CLOCK : 1842537
TGT NAI : 207802
TGT BAF : 420
MOMOTA : 3746
OKUNO : 88
FC : 4914
MOMOTA1 : 1016814
MOMOTA2 : 160699700
MOMOTA3 : 139104948
OKUNO1 : 2922
OKUNO2 : 637
OKUNO3 : 499
F3PPB T : 2062495
LIVE TGT NAI : 138947
LIVE TGT BAF : 289
LIVE MOMOTA : 2468
LIVE OKUNO : 60
LIVE FC : 3604
LIVE MOMOTA1 : 704330
LIVE MOMOTA2 : 110969794
LIVE MOMOTA3 : 96230197
LIVE OKUNO1 : 1906
LIVE OKUNO2 : 441
LIVE OKUNO3 : 345
LIVE_CLOCK : 1277114
    
```

RIPS Control Summary				2004/06/07 06:56:04	
Parameter	Set Curr.	Read Curr.	Target	F2	
01	1.3167	159.7502	159.565	Rot	out
02	1.5337	127.3985	125.657	Rot	50.1 mm
03	0.7725	120.9263	121.091	Up	24.0 mm
04	0.0000	0.1469	0.000	Down	24.0 mm
05	0.2777	379.3289	382.225	Rot	24.0 mm
06	0.0000	0.1469	0.000	Rot	24.0 mm
07	0.5572	66.0421	65.981	Rot	23.8 mm
08	0.7942	82.6266	82.751	Rot	23.8 mm
09	0.6197	73.6287	73.853	Rot	23.8 mm
10	0.0000	0.1469	0.000	Rot	23.8 mm
11	0.2777	394.3749	393.717	Rot	23.8 mm
12	0.0000	0.1469	0.000	Rot	23.8 mm
13	0.6468	101.2283	102.543	Rot	23.8 mm
14	1.1259	105.5274	105.910	Rot	23.8 mm
15	1.0222	123.7943	123.883	Rot	23.8 mm
16	1.1110	142.0278	143.825	Rot	23.8 mm
17	1.4205	155.8030	154.216	Rot	23.8 mm
18	1.1106	141.9765	142.490	Rot	23.8 mm
Focus				Erho	Ta+F1 2.4500 Im
F4-F2 2.4500 Im				F2+F3 2.4500 Im	Rot 0 deg

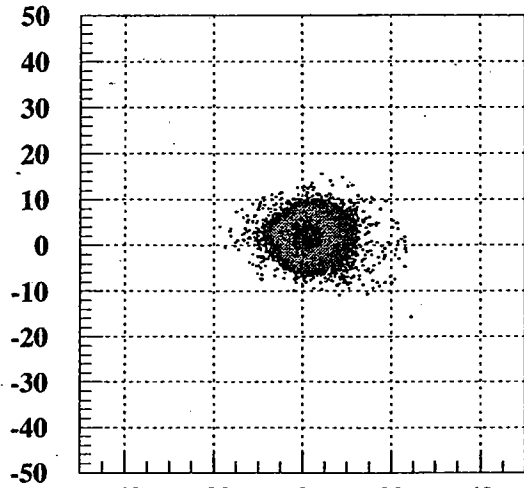
6:07.047:17		prisca
Run189		
Start -- Mon Jun 7 06:46:22 2004		
Stop -- Mon Jun 7 07:17:08 2004		
Scaler Name :	Total	
UNGATED :	2048546	
GATED :	1378907	
NONE :	22600	
F1PP T :	636	
F2 SI :	0	
CLEARs :	1378601	
F2PP T :	2065933	
F3PPA T :	2061948	
E1 :	1873209	
PL_2 :	2068694	
PL_3 :	2090799	
CLOCK :	1842537	
TGT_NAI :	207802	
TGT_BAF :	420	
MOMOTA :	3746	
OKUNO :	88	
FC :	4914	
MOMOTA1 :	1016814	
MOMOTA2 :	160699700	
MOMOTA3 :	139104948	
OKUNO1 :	2922	
OKUNO2 :	637	
OKUNO3 :	499	
F3PPB T :	2062495	
LIVE_TGT_NAI :	138947	
LIVE_TGT_BAF :	289	
LIVE_MOMOTA :	2468	
LIVE_OKUNO :	60	
LIVE_FC :	3604	
LIVE_MOMOTA1 :	704330	
LIVE_MOMOTA2 :	110969794	
LIVE_MOMOTA3 :	96230197	
LIVE_OKUNO1 :	1906	
LIVE_OKUNO2 :	441	
LIVE_OKUNO3 :	345	
LIVE_CLOCK :	1277114	

Run number:	190	Tape:	18	Name:	AR
Description:	New target				
Date:	6/7/04.	Time:	7:22 a.m.		
Brho1:	2.4500	Brho2:	2.4500		
NMR1:	681.092	NMR2:	681.545		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	± 3 mm	F1PPAC:	IN	OUT	
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN	OUT	F3PPACs:	IN	OUT
F2 Scint:	IN	OUT	F3 Scint:	IN	OUT
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/ F2 Plastic				

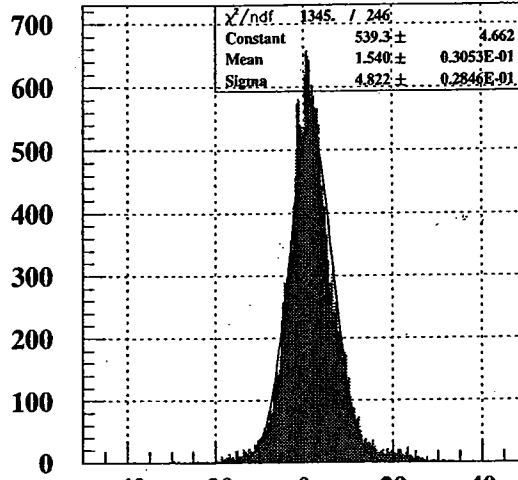
Bias voltage table (please compare to previous values)			
U dE=	96.0	I dE=	0.77
U E1=	99.9	I E1=	2.44
U E2=	96.3	I E2=	0.67
U E3=	95.3	I E3=	0.15
U E4=	95.4	I E4=	0.22
F1_PPAC=	- 748	NaI(Tl)_1=	600
F2_PPAC=	- 750	NaI(Tl)_2=	600
F3_PPACA=	- 755	NaI(Tl)_3=	600
F3_PPACB=	- 755	BaF=	1352.0

* Voltage on Si E2 tripped.
Trip threshold raised.

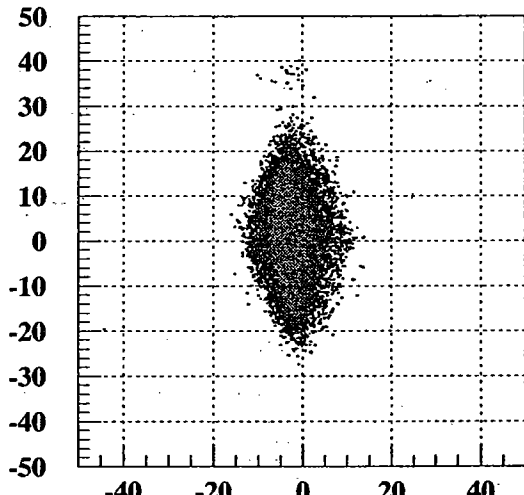
RUN 190, $B_p = 2.45$. TA



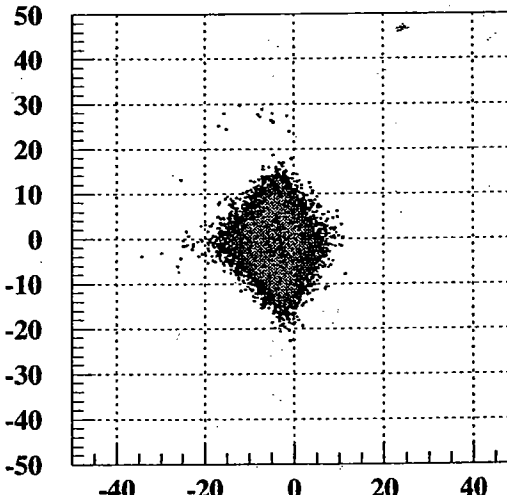
Histogram ID = 113
pc2 xy



Histogram ID = 134
Prox.(pc2 xy)



Histogram ID = 114
pc3a xy



Histogram ID = 115
pc3b xy

```

FZFP T : 2340000
F3PPA T : 2351439
E1 : 2092662
PL 2 : 2374837
PL 3 : 2394505
CLOCK : 1792570
TGT NAI : 1889407
TGT BAF : 3079
MOMOTA : 70244
OKUNO : 6512
FC : 5066
MOMOTA1 : 1126891
MOMOTA2 : 157964676
MOMOTA3 : 136748444
OKUNO1 : 111163
OKUNO2 : 27091
OKUNO3 : 13515
F3PPB T : 2336907
LIVE TGT NAI : 1196757
LIVE TGT BAF : 1980
LIVE MOMOTA : 44882
LIVE OKUNO : 4111
LIVE FC : 3495
LIVE MOMOTA1 : 734768
LIVE MOMOTA2 : 103049965
LIVE MOMOTA3 : 89368777
LIVE OKUNO1 : 70531
LIVE OKUNO2 : 17203
LIVE OKUNO3 : 8584
LIVE CLOCK : 1173369
    
```

RIPS Control Summary				2004/06/07 07:32:48	
Parameter	Set Curr.	Read Curr.	Target	F2	
Q1	1.3167	159.7502	159.676	Tgt 95.9	mm
Q2	1.5337	127.3985	125.894	FC Out	Ret 50.0 mm
Q3	0.7725	120.9263	121.438	Up 24.0	mm
SX1	0.0000	0.1469	0.000	Down 24.0	mm
D1	0.2777	379.3289	382.489	Rgt 24.0	mm
SX2	0.0000	0.1469	0.000	Lft 23.8	mm
Q4	0.5572	66.0421	66.036	Lgt	Pln IN
Q5	0.7942	82.6266	82.812		
Q6	0.6197	73.6287	74.016		
SX3	0.0000	0.1469	0.000		
D2	0.2777	394.3749	393.453		
SX4	0.0000	0.1469	0.000		
Q7	0.6468	101.2283	102.543		
Q8	1.1259	105.5774	105.910		
Q9	1.0222	123.7943	123.977		
Q10	1.1110	142.0278	144.270		
Q11	1.4205	155.8030	153.809		
Q12	1.1106	141.9765	142.601		
Focus	Brho	TA=FL 2.4500	Im	Rot 0	deg.
F1-F2	2.4500	Im	F2-F3	2.4500	Im

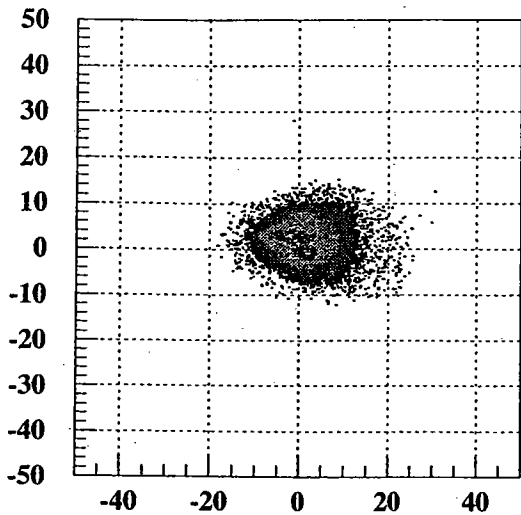
6:07, 04 7:52		prisca
Run190		
Start	-- Mon Jun 7 07:22:21	2004
Stop	-- Mon Jun 7 07:52:17	2004
Scaler Name :	Total	
UNGATED :	2357765	
GATED :	1507056	
NONE :	24700	
F1PP T :	4419	
F2 SI :	0	
CLEARs :	1506701	
F2PP T :	2346806	
F3PPA T :	2351439	
E1 :	2092662	
PL 2 :	2374837	
PL 3 :	2394505	
CLOCK :	1792570	
TGT_NAI :	1889407	
TGT_BAF :	3079	
MOMOTA :	70244	
OKUNO :	6512	
FC :	5066	
MOMOTA1 :	1126891	
MOMOTA2 :	157964676	
MOMOTA3 :	136748444	
OKUNO1 :	111163	
OKUNO2 :	27091	
OKUNO3 :	13515	
F3PPB T :	2336907	
LIVE TGT_NAI :	1196757	
LIVE TGT_BAF :	1980	
LIVE MOMOTA :	44882	
LIVE OKUNO :	4111	
LIVE FC :	3495	
LIVE MOMOTA1 :	734768	
LIVE MOMOTA2 :	103049965	
LIVE MOMOTA3 :	89368777	
LIVE OKUNO1 :	70531	
LIVE OKUNO2 :	17203	
LIVE OKUNO3 :	8584	
LIVE_CLOCK :	1173369	

Run number:	191	Tape:	17	Name:	AB
Description:	New brho				
Date:	6/7/04	Time:	8:20 a.m.		
Brho1:	2.4800	Brho2:	2.4800		
NMR1:	689.350	NMR2:	689.815		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

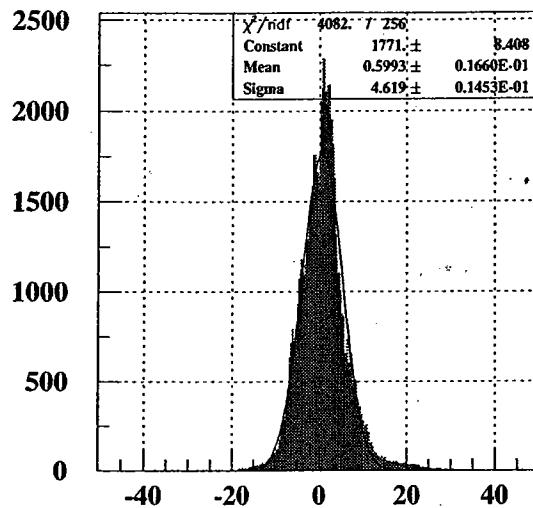
Bias voltage table (please compare to previous values)			
U dE-	96.0 ✓	I dE-	0.48 μ A
U E1-	94.9	I E1-	2.50
U E2-	96.4	I E2-	0.71
U E3-	95.3	I E3-	0.15
U E4-	95.4	I E4-	0.22
F1_PPAC=	-748	NaI(Tl)_1=	600
F2_PPAC=	-750	NaI(Tl)_2=	600
F3_PPACA=	-755	NaI(Tl)_3=	600
F3_PPACB=	-755	BaF=	1352.0

RON 191, Bp=248, Ta

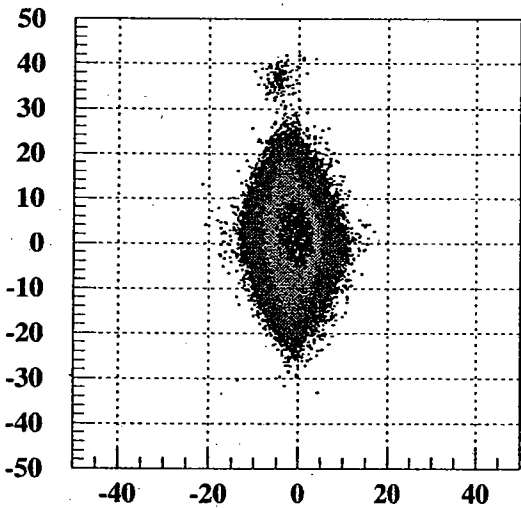
2004/06/07 08.04



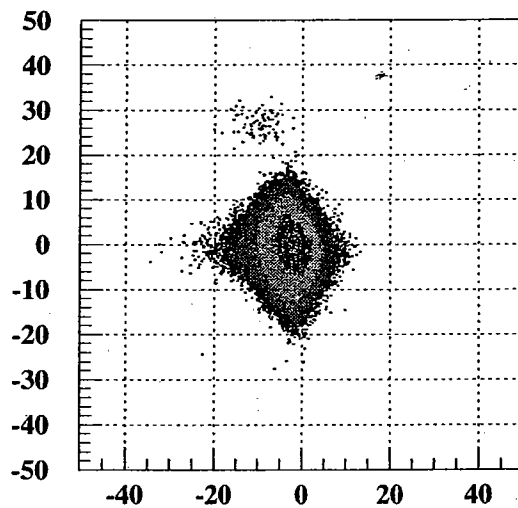
Histogram ID = 113
pc2 xy



Histogram ID = 135
Prox.(pc2 xy)



Histogram ID = 114
pc3a xy



Histogram ID = 115
pc3b xy

```

FIPP T : 4667
F2 SI : 0
CLEARS : 1550621
F2PP T : 2384012
F3PPA T : 2389837
E1 : 2125120
PL 2 : 2407555
PL 3 : 2430809
CLOCK : 1873826
TGT NAI : 1314112
TGT BAF : 2244
MOMOTA : 49324
OKUNO : 4650
FC : 5309
MOMOTA1 : 1062630
MOMOTA2 : 163831257
MOMOTA3 : 141449312
OKUNO1 : 76610
OKUNO2 : 18813
OKUNO3 : 9652
F3PPB T : 2380893
LIVE TGT NAI : 847025
LIVE TGT BAF : 1466
LIVE MOMOTA : 32041
LIVE OKUNO : 2950
LIVE FC : 3642
LIVE MOMOTA1 : 700425
LIVE MOMOTA2 : 107814171
LIVE MOMOTA3 : 93250575
LIVE OKUNO1 : 49560
LIVE OKUNO2 : 12093
    
```

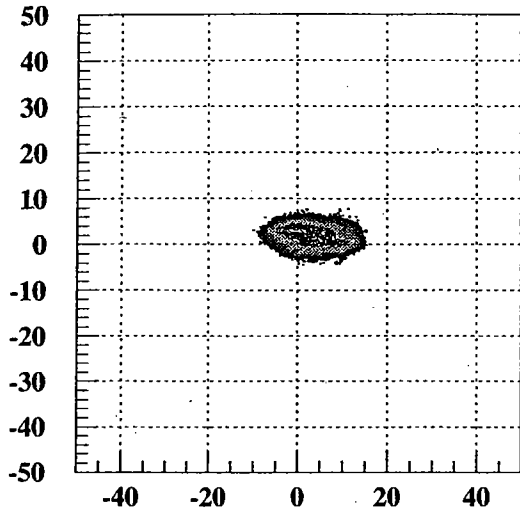

RIPS Control Summary				2004/06/07 08:14:31	
Parameter	Set Curr.	Read Curr.	Target	FZ	
Q1	1.3167	161.7187	161.571	Tgt 95.9 mm	FC Out
Q2	1.5337	128.9609	127.200	FC Out	Rgt 50.0 mm
Q3	0.7725	122.4086	122.997	Up 24.0 mm	Lft 50.0 mm
Sx1	0.0000	0.1469	0.000	Down 24.0 mm	PPAC
D1	0.2777	383.9816	386.986	Rgt 24.0 mm	SSD -94.8 mm
Sx2	0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
Q4	0.5572	66.8703	66.854	Lgt	Pla TN
Q5	0.7942	83.6574	83.803		
Q6	0.6197	74.5498	74.940		
Sx3	0.0000	0.1469	0.000	F1	F3
D2	0.2777	399.2058	398.477	D1 119.8 mm	PPAC1 IN
Sx4	0.0000	0.1469	0.000	Id -134.9 mm	Rgt 49.9 mm
Q7	0.6468	102.4694	103.763	Rgt 3.0 mm	Lft 50.0 mm
Q8	1.1259	106.8673	107.176	Lft 3.0 mm	PPAC2 IN
Q9	1.0222	125.3229	125.763	Mon Out	SSD Out
Q10	1.1110	143.7685	145.605	Deg Exp	Pla IN
Q11	1.4205	157.7073	155.711	PPAC Out	Lgt
Q12	1.1106	143.7166	144.159	Rot 0 deg	
Focus	Brho	JA-F1 2.4800	Im		
F4-F2 2.4800	Im	F2-F3 2.4800	Im		

6:07:04 8:33		prisca
Run191		
Start	-- Mon Jun 7 08:02:12 2004	
Stop	-- Mon Jun 7 08:33:28 2004	
Scaler Name :	Total	
UNGATED :	2387147	
GATED :	1550974	
NONE :	25420	
F1PP T :	4667	
F2 SI :	0	
CLEARs :	1550621	
F2PP T :	2384012	
F3PPA T :	2389837	
E1 :	2125120	
PL 2 :	2407555	
PL 3 :	2430809	
CLOCK :	1873826	
TGT NAI :	1314112	
TGT BAF :	2244	
MOMOTA :	49324	
OKUNO :	4650	
FC :	5309	
MOMOTA1 :	1062630	
MOMOTA2 :	163831257	
MOMOTA3 :	141449312	
OKUNO1 :	76610	
OKUNO2 :	18813	
OKUNO3 :	9652	
F3PPB T :	2380893	
LIVE TGT NAI :	847025	
LIVE TGT BAF :	1466	
LIVE MOMOTA :	32041	
LIVE OKUNO :	2950	
LIVE FC :	3642	
LIVE MOMOTA1 :	700425	
LIVE MOMOTA2 :	107814171	
LIVE MOMOTA3 :	93250575	
LIVE OKUNO1 :	49560	
LIVE OKUNO2 :	12093	
LIVE OKUNO3 :	6205	

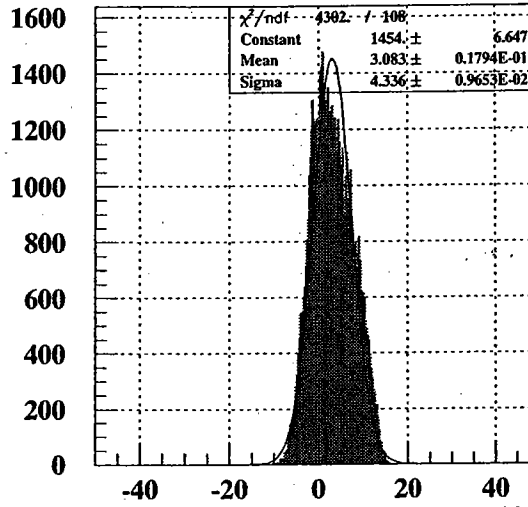
Run number:	192	Tape:	18	Name:	JMC
Description:	Bp = 2.67, Ta166, F2PL trigger				
Date:	6/7	Time:	0840		
Brho1:	2.67	Brho2:	2.67		
NMR1:	741.832	NMR2:	742.339		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)	
U dE=	I dE=
U E1=	I E1=
U E2=	I E2=
U E3=	I E3=
U E4=	I E4=
F1_PPAC=	
F2_PPAC=	
F3_PPACA=	
F3_PPACB=	

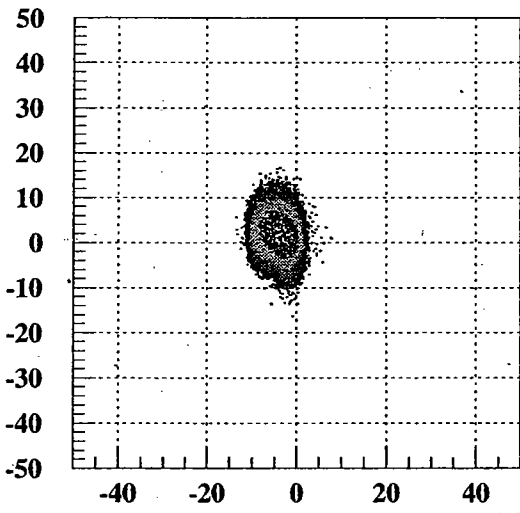
6-07-04 8.46	prisca
Run192	
Start -- Mon Jun 7 08:40:29 2004	
Stop -- Mon Jun 7 08:46:18 2004	
Scaler Name :	Total
UNGATED :	331436
GATED :	233791
NONE :	3832
F1PP T :	2
F2 SI :	0
CLEARs :	233753
F2PP T :	333600
F3PPA T :	333305
E1 :	306072
PL 2 :	334391
PL 3 :	338698
CLOCK :	348705
TGT NAI :	247
TGT_BAF :	7
MOMOTA :	2
OKUNO :	0
FC :	985
MOMOTA1 :	192235
MOMOTA2 :	30146485
MOMOTA3 :	26065564
OKUNO1 :	18
OKUNO2 :	3
OKUNO3 :	15
F3PPB T :	333374
LIVE TGT NAI :	174
LIVE TGT_BAF :	4
LIVE MOMOTA :	0
LIVE OKUNO :	0
LIVE FC :	753
LIVE MOMOTA1 :	139357
LIVE MOMOTA2 :	21787552



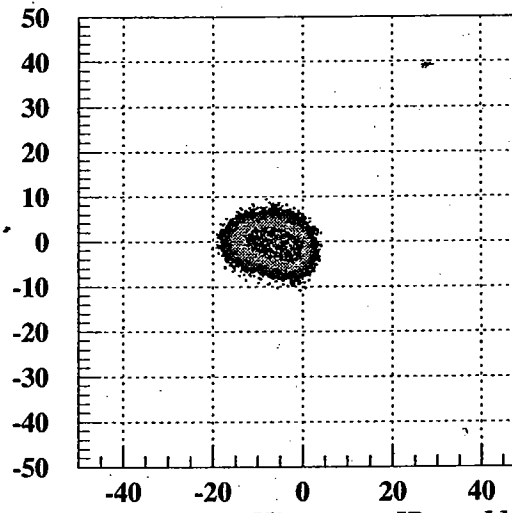
Histogram ID = 113
pc2 xy



Histogram ID = 137
Prox.(pc2 xy)



Histogram ID = 114
pc3a xy



Histogram ID = 115
pc3b xy

RIPS Control Summary				2004/06/07 08:57:30	
Parameter	Set	Curr.	Read	Target	F2
Q1	1.3167	174.1856	174.162		FG Out
Q2	1.5337	138.8556	137.167	Ret 95.9 mm	Ret 50.0 mm
Q3	0.7725	131.7966	132.005	Lp 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Down 24.0 mm	PPAG
D1	0.2777	413.4486	416.612	Ret 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
Q4	0.5572	72.1156	72.143	Lgt	Pla IN
Q5	0.7942	90.1857	90.363		
Q6	0.6197	80.3835	80.650		
SX3	0.0000	0.1469	0.000		
D2	0.2777	429.8020	428.621	F1	F3
SX4	0.0000	0.1469	0.000	D1 119.8 mm	PPAG1 IN
Q7	0.6468	110.3298	111.244	ld -134.9 mm	Ret 49.9 mm
Q8	1.1259	115.0381	115.323	Rgt 3.0 mm	Lft 50.0 mm
Q9	1.0222	135.0010	135.444	Lft 3.0 mm	PPAG2 IN
Q10	1.1110	154.7928	156.728	Mom Out	SSD Out
Q11	1.4205	169.7679	167.396	Deg Emp	Pla IN
Q12	1.1106	154.7369	155.727		

Ended because
no fragments seen.

Scaler file
not saved.

Run number:	175	Tape:	6	Name:	JPL
Description:	B _p = 2.67, Be ⁹² , FZPL <i>tuigzer</i>				
Date:	6/7	Time:	0846 0856		
Brho1:	2.67	Brho2:	2.67		
NMR1:	741.834	NMR2:	742.338		
Target:	Be(92)	Target:	Ta(186) Be(115) Be(181)		
F1 slit:	±5 mm	F1PPAC:	IN OUT		
Wedge:	none	Wedge:	100mg/Al 60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control:	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)

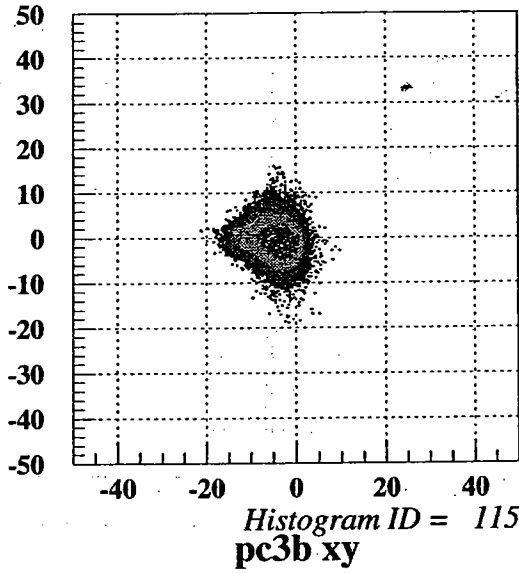
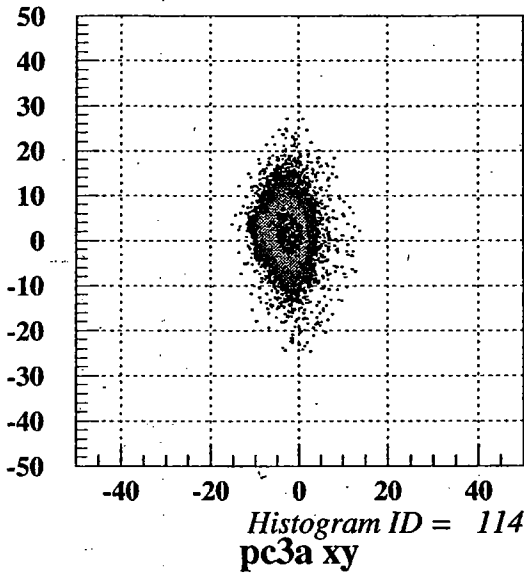
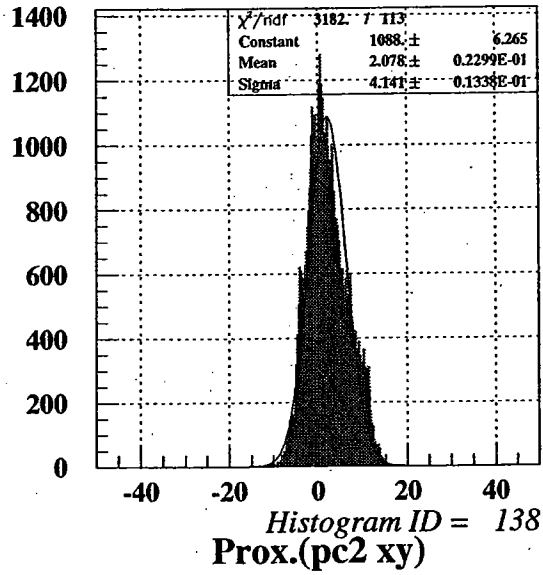
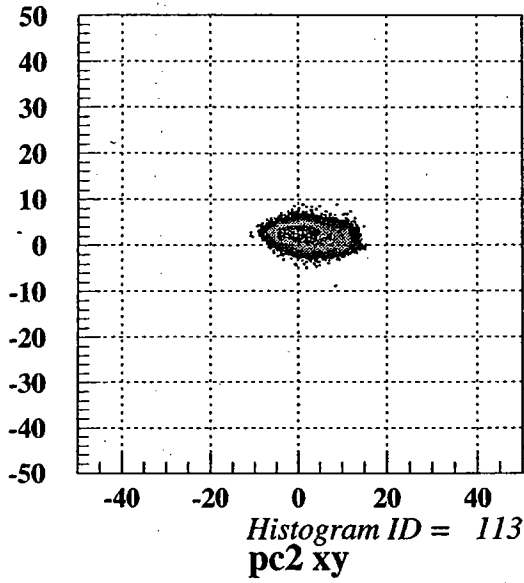
U _{d1} =	96.0	I _{d1} =	0.47
U _{E1} =	99.7	I _{E1} =	2.45
U _{E2} =	96.4	I _{E2} =	0.81
U _{E3} =	95.3	I _{E3} =	0.16
U _{E4} =	95.4	I _{E4} =	0.22
F1_PPAC=	-750	NaI(Tl)_1=	600V
F2_PPAC=	-748	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-756	BaF=	1352.0

Start -- Mon Jun 7 08:56:47 2004
 Stop -- Mon Jun 7 09:26:54 2004

Scaler Name : Total

```

UNGATED : 1097671
GATED : 868210
NONE : 14232
F1PP T : 14702
F2 SI : 0
CLEARS : 868153
F2PP T : 883326
F3PPA T : 998653
E1 : 960462
PL 2 : 1009816
PL 3 : 1137986
CLOCK : 1804896
TGT NAI : 51552367
TGT BAF : 86803
MOMOTA : 892721
OKUNO : 19978
FC : 4485
MOMOTA1 : 2582847
MOMOTA2 : 171390776
MOMOTA3 : 149581095
OKUNO1 : 688312
OKUNO2 : 149300
OKUNO3 : 102982
F3PPB T : 929174
LIVE TGT NAI : 40728166
LIVE TGT BAF : 68556
LIVE MOMOTA : 705273
LIVE OKUNO : 15848
LIVE FC : 3629
LIVE MOMOTA1 : 2053220
LIVE MOMOTA2 : 137230115
  
```



RIPS Control Summary

2004/06/07 09:09:17

Parameter	Set Curr.	Read Curr.
Q1	1.3167	174.1856 173.939
Q2	1.5337	138.8556 136.929
Q3	0.7725	131.7966 132.092
SX1	0.0000	0.1469 0.000
D1	0.2777	413.4486 416.612
SX2	0.0000	0.1469 0.000
Q4	0.5572	72.1156 72.307
Q5	0.7942	90.1857 90.301
Q6	0.6197	80.3835 80.596
SX3	0.0000	0.1469 0.000
D2	0.2777	429.8020 428.885
SX4	0.0000	0.1469 0.000
Q7	0.6468	110.3298 111.488
Q8	1.1259	115.0381 115.243
Q9	1.0222	135.0010 135.444
Q10	1.1110	154.7928 156.839
Q11	1.4205	169.7679 168.075
Q12	1.1106	154.7369 155.727

Target	F1	F2
Tgt 194.6 mm	FC Out	Rgt 50.0 mm
FC Out	Up 24.0 mm	Lft 50.0 mm
Up 24.0 mm	Down 24.0 mm	PPAC
Down 24.0 mm	Rgt 24.0 mm	SSD -94.8 mm
Rgt 24.0 mm	Lft 23.8 mm	Det
Lft 23.8 mm	Let	Deg -4.9 deg
Let		Pla IN
	F1	F3
D1 119.8 mm	PPAC1 IN	
Id -134.9 mm	Rgt 49.9 mm	
Rgt 3.0 mm	Lft 50.0 mm	
Lft 3.0 mm	PPAC2 IN	
Mon Out	SSD Out	
Deg Exp	Pla IN	
PPAC Out	Lgt	

At the beginning of this run, the FZPL Energy signal was disconnected. It was reconnected during Run 194.

Kul number:	115	Type:	12	Name:	SMC
Description:	B ₀ = 2.70, Be92, FCPL trigger				
Date:	6/7	Time:	0932		
Brho1:	2.70	Brho2:	2.70		
NMR1:	749.965	NMR2:	750.467		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	13 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-	96.0 V	I dE-	0.49 μ A
U E1-	99.9	I E1-	2.46
U E2-	96.9	I E2-	0.85
U E3-	85.3	I E3-	0.16
U E4-	95.4	I E4-	0.22
F1_PPAC=	-748	NaI(Tl)_1=	600 V
F2_PPAC=	-750	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1352 V

6:07, 04 10:04

prisca

Run194

Start -- Mon Jun 7 09:32:56 2004
Stop -- Mon Jun 7 10:03:52 2004

Scaler Name : Total

```

UNGATED : 1372379
GATED : 1043553
NONE : 17106
F1PP T : 15093
F2 SI : 0
CLEARS : 1043467
F2PP T : 949713
F3PPA T : 1175082
E1 : 1133363
PL 2 : 1207944
PL 3 : 1427453
CLOCK : 1853416
TGT NAI : 111727842
TGT BAF : 176711
MOMOTA : 1797780
OKUNO : 40994
FC : 4027
MOMOTA1 : 4188883
MOMOTA2 : 191964855
MOMOTA3 : 168937854
OKUNO1 : 1408586
OKUNO2 : 304957
OKUNO3 : 209596
F3PPB T : 1038129
LIVE TGT NAI : 84978900
LIVE TGT BAF : 134057
LIVE MOMOTA : 1365593
LIVE OKUNO : 31002
LIVE FC : 3111
LIVE MOMOTA1 : 3190864
LIVE MOMOTA2 : 147171852
LIVE MOMOTA3 : 129508054
LIVE OKUNO1 : 1068685
LIVE OKUNO2 : 231632
LIVE OKUNO3 : 158751
LIVE_CLOCK : 1425893

```

RIPS Control Summary 2004/06/07 09:43:13

Parameter	Set	Cur	Read	Cur	Target	F2
Q1	1.3167	176.1541	176.056		Tgt 194.6 mm	FC Out
Q2	1.5337	140.4175	138.591		Ret 50.0 mm	
Q3	0.7725	133.2785	133.218		Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000		Dwn 24.0 mm	PPAC
D1	0.2777	418.1015	421.373		Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000		Lft 23.8 mm	Dir -4.9 deg
Q4	0.5572	72.9438	72.852		Lgt	Pla IN
Q5	0.7942	91.2165	91.354			
Q6	0.6197	81.3046	81.466			
SX3	0.0000	0.1469	0.021		F1	F3
D2	0.2777	434.6325	434.173		D1 119.8 mm	PPAC1 IN
SX4	0.0000	0.1469	0.000		ld -134.9 mm	Rgt 49.9 mm
Q7	0.6468	111.5705	112.382		Rgt 3.1 mm	Lft 50.0 mm
Q8	1.1259	116.3285	116.588		Lft 3.0 mm	PPAC2 IN
Q9	1.0222	136.5295	136.572		Mod Out	SSD Out
Q10	1.1110	156.5335	158.619		Deg Exp	Pla IN
Q11	1.4205	171.6725	169.298		PPAC Out	Lgt
Q12	1.1106	156.4775	157.618		Rot 0 deg	

Focus Brho Ia-F1 2.7000 Im
F1-F2 2.7000 Im F2-F3 2.7000 Im

exit

The FZPL Energy signal was disconnected for part of this Run.

D1 = 750.630
D2 = 750.538

Run number:	195	Tape:	18	Name:	JMC
Description:	E _p =2.70, Ta166, F2PL trigger				
Date:	6/7	Time:	1009		
Brho1:	2.70	Brho2:	2.70		
NMR1:		NMR2:			
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	F3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

t
1/6000

Bias voltage table (please compare to previous values)			
U dE-		I dE-	
U E1-		I E1-	
U E2-		I E2-	
U E3-		I E3-	
U E4-		I E4-	
F1_PPAC=		NaI(Tl)_1=	
F2_PPAC=		NaI(Tl)_2=	
F3_PPACA=		NaI(Tl)_3=	
F3_PPACB=		BaF=	

Start -- Mon Jun 7 10:09:43 2004
 Stop -- Mon Jun 7 10:13:22 2004

Scaler Name : Total

```

  UNGATED : 17127
  GATED : 12810
  NONE : 210
  F1PP T : 13
  F2 SI : 0
  CLEARS : 12811
  F2PP T : 17283
  F3PPA T : 17256
  E1 : 16151
  PL_2 : 17296
  PL_3 : 17519
  CLOCK : 46770
  TGT NAI : 2708
  TGT BAF : 4
  MOMOTA : 68
  OKUNO : 10
  FC : 122
  MOMOTA1 : 26047
  MOMOTA2 : 4220899
  MOMOTA3 : 4682983
  OKUNO1 : 127
  OKUNO2 : 35
  OKUNO3 : 25
  F3PPB T : 17251
  LIVE TGT NAI : 2396
  LIVE TGT BAF : 3
  LIVE MOMOTA : 63
  LIVE OKUNO : 9
  LIVE FC : 110
  LIVE MOMOTA1 : 23229
  LIVE MOMOTA2 : 3745101
  
```

No triggers, ended
 run, Gate value
 before F2 closed for
 no apparent reason.

Run number:	170	Type:	18	Name:	
Description:	Same as 195				
Date:	6/7	Time:	1026		
Brho1:	2.70	Brho2:	2.70		
NMR1:	750.035	NMR2:	750.057		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values):			
U dE=		I dE=	
U E1=		I E1=	
U E2=		I E2=	
U E3=		I E3=	
U E4=		I E4=	
F1_PPAC=		NaI(Tl)_1=	
F2_PPAC=		NaI(Tl)_2=	
F3_PPACA=		NaI(Tl)_3=	
F3_PPACB=		BaF=	

Start -- Mon Jun 7 10:26:08 2004
 Stop -- Mon Jun 7 10:30:13 2004

Scaler Name : Total

UNGATED : 177970
 GATED : 136035
 NONE : 2230
 F1PP_T : 37
 F2 SI : 0
 CLEARS : 136031
 F2PP_T : 179329
 F3PPA_T : 179223
 E1 : 168229
 PL_2 : 179782
 PL_3 : 182021
 CLOCK : 245206
 TGT_NAI : 8208
 TGT_BAF : 23
 MOMOTA : 305
 OKUNO : 18
 FC : 643
 MOMOTA1 : 140875
 MOMOTA2 : 21899311
 MOMOTA3 : 18591862
 OKUNO1 : 469
 OKUNO2 : 113
 OKUNO3 : 58
 F3PPB_T : 179216
 LIVE_TGT_NAI : 6282
 LIVE_TGT_BAF : 17
 LIVE_MOMOTA : 235
 LIVE_OKUNO : 14
 LIVE_FC : 519
 LIVE_MOMOTA1 : 108670
 LIVE_MOMOTA2 : 16878948

End of this run is
 noted as "End of run 195".

Only charge states seen;
 ended run early.

Run number:	1967	Tape:	16	Name:	5.11C
Description:	Bp = 2.75, Ta166, F2PL trigger				
Date:	6/7	Time:	1037		
Brho1:	2.75	Brho2:	2.75		
NMR1:	763.761	NMR2:	764.272		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±3 mm	F1PPAC:	IN	OUT	
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN	OUT	F3PPACs:	IN	OUT
F2 Scint:	IN	OUT	F3 Scint:	IN	OUT
Rips control	yes/no	prisca	SCA file:		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-		I dE-	
U E1-		I E1-	
U E2-		I E2-	
U E3-		I E3-	
U E4-		I E4-	
F1_PPAC=			
F2_PPAC=			
F3_PPACA=			
F3_PPACB=			

6:07.04:10:41 prisca

Run197

Start -- Mon Jun 7 10:37:14 2004
 Stop -- Mon Jun 7 10:40:42 2004

Scaler Name : Total

```

  UNGATED : 79331
  GATED : 66738
  NONE : 1094
  F1PP T : 3
  F2 SI : 0
  CLEARS : 66735
  F2PP T : 79657
  F3PPA T : 79554
  E1 : 74276
  PL_2 : 79820
  PL_3 : 80815
  CLOCK : 207748
  TGT_NAI : 347
  TGT_BAF : 6
  MOMOTA : 9
  OKUNO : 4
  FC : 541
  MOMOTA1 : 121163
  MOMOTA2 : 18413254
  MOMOTA3 : 15743314
  OKUNO1 : 19
  OKUNO2 : 11
  OKUNO3 : 18
  F3PPB T : 79529
  LIVE_TGT_NAI : 289
  LIVE_TGT_BAF : 5
  LIVE_MOMOTA : 8
  LIVE_OKUNO : 4
  LIVE_FC : 486
  LIVE_MOMOTA1 : 105260
  LIVE_MOMOTA2 : 15961637
  
```

Stopped early because only primary beam is seen.

RIPS Control Summary			2004/06/07 10:52:18	
Parameter	Set Point	Real Time	Target	
D1	1.3167	179.4349	179.288	
D2	1.5337	143.0218	141.438	
D3	0.7725	135.7494	135.903	
SX1	0.0000	0.1469	0.000	
D4	0.2777	425.8558	429.308	
SX2	0.0000	0.1469	0.000	
D5	0.5572	74.3241	74.324	
D6	0.7942	92.9344	93.087	
D7	0.6197	82.8398	83.206	
SX3	0.0000	0.1469	0.000	
D8	0.2777	442.6845	442.106	
SX4	0.0000	0.1469	0.000	
D9	0.6468	113.6394	114.903	
D10	1.1259	118.4784	118.803	
D11	1.0222	139.0762	139.297	
D12	1.1110	159.4346	161.733	
D13	1.4205	174.8460	173.103	
D14	1.1106	159.3771	160.621	
FOCUS		Beho	161.733	2.7500
F1-F2	2.7500	Im	F2-F3	2.7500

D1 = 763.788
 D2 = 764.298

Logged

RIPS Control Summary

2004/05/07 10:21:22

Parameter	Set Curr.	Read Curr.	Target	Unit
Q1	1.3167	176.1541	176.056	
Q2	1.5337	140.4179	138.116	
Q3	0.7725	133.2789	133.651	
SX1	0.0000	0.1469	0.000	
Q11	0.2777	418.1013	421.373	
SX2	0.0000	0.1469	0.000	
Q4	0.5572	72.9438	72.961	
Q5	0.7942	91.2165	91.354	
Q6	0.6197	81.3046	81.521	
SX3	0.0000	0.1469	0.021	
Q2	0.2777	434.6329	434.173	
SX4	0.0000	0.1469	0.079	
Q7	0.6468	111.5709	112.708	
Q8	1.1259	116.3282	116.588	
Q9	1.0222	136.5292	136.666	
Q10	1.1110	156.5335	158.841	
Q11	1.4205	171.6722	169.570	
Q12	1.1106	156.4770	157.729	

Parameter	Value	Unit
Target	95.9	mm
EC	0.0	
IB	24.0	mm
PPAG	24.0	mm
PP2	24.0	mm
PP3	23.8	mm
PP4	0.0	
PP5	0.0	
PP6	0.0	
PP7	0.0	
PP8	0.0	
PP9	0.0	
PP10	0.0	
PP11	0.0	
PP12	0.0	
PP13	0.0	
PP14	0.0	
PP15	0.0	
PP16	0.0	
PP17	0.0	
PP18	0.0	
PP19	0.0	
PP20	0.0	
PP21	0.0	
PP22	0.0	
PP23	0.0	
PP24	0.0	
PP25	0.0	
PP26	0.0	
PP27	0.0	
PP28	0.0	
PP29	0.0	
PP30	0.0	
PP31	0.0	
PP32	0.0	
PP33	0.0	
PP34	0.0	
PP35	0.0	
PP36	0.0	
PP37	0.0	
PP38	0.0	
PP39	0.0	
PP40	0.0	
PP41	0.0	
PP42	0.0	
PP43	0.0	
PP44	0.0	
PP45	0.0	
PP46	0.0	
PP47	0.0	
PP48	0.0	
PP49	0.0	
PP50	0.0	
PP51	0.0	
PP52	0.0	
PP53	0.0	
PP54	0.0	
PP55	0.0	
PP56	0.0	
PP57	0.0	
PP58	0.0	
PP59	0.0	
PP60	0.0	
PP61	0.0	
PP62	0.0	
PP63	0.0	
PP64	0.0	
PP65	0.0	
PP66	0.0	
PP67	0.0	
PP68	0.0	
PP69	0.0	
PP70	0.0	
PP71	0.0	
PP72	0.0	
PP73	0.0	
PP74	0.0	
PP75	0.0	
PP76	0.0	
PP77	0.0	
PP78	0.0	
PP79	0.0	
PP80	0.0	
PP81	0.0	
PP82	0.0	
PP83	0.0	
PP84	0.0	
PP85	0.0	
PP86	0.0	
PP87	0.0	
PP88	0.0	
PP89	0.0	
PP90	0.0	
PP91	0.0	
PP92	0.0	
PP93	0.0	
PP94	0.0	
PP95	0.0	
PP96	0.0	
PP97	0.0	
PP98	0.0	
PP99	0.0	
PP100	0.0	

Focus	Brho	10	2.7000	mm	
F1x2	2.7000	mm	F2x3	2.7000	mm
Rot	0	deg			

Run number:	1778	Tape:	B	Name:	57
Description:	B _p =2.75, B=92, F2PL+trigger				
Date:	6/7	Time:	1052		
Brho1:	2.75	Brho2:	2.75		
NMR1:	763.72	NMR2:	764.295		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±3 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

tt.1

Bias voltage table (please compare to previous values)			
U _{dE} =	76.0 V	I _{dE} =	0.46 <i>µA</i>
U _{E1} =	99.9	I _{E1} =	2.42
U _{E2} =	76.4	I _{E2} =	0.87
U _{E3} =	95.3	I _{E3} =	0.16
U _{E4} =	95.4	I _{E4} =	0.22
F1_PPAC=	-748 ✓	NaI(Tl) 1=	600V
F2_PPAC=	-749	NaI(Tl) 2=	
F3_PPACA=	-755	NaI(Tl) 3=	
F3_PPACB=	-755	BaF=	1352 V

RIPS Control Summary

2004/06/07 10:56:22

Parameter	Set Curr	Read Curr	Target	Unit	FC	Out
Q1	1.3167	179.4349	179.288	Tgt	194.6	mm
Q2	1.5337	143.0218	141.082	FC	Out	Rgt 50.0 mm
Q3	0.7725	135.7494	136.336	FC	Out	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Up	24.0	mm
Q4	0.2777	425.8558	429.044	Down	24.0	mm
SX2	0.0000	0.1469	0.000	Rgt	24.0	mm
Q4	0.5572	74.3241	74.270	FC	23.8	mm
Q5	0.7942	92.9344	93.148	FC	Out	Dec -4.9 deg
Q6	0.6197	82.8398	83.043	Tgt	On	Off
SX3	0.0000	0.1469	0.000			
Q2	0.2777	442.6845	442.106			
SX4	0.0000	0.1469	0.000	DI	119.8	mm
Q7	0.6468	113.6394	114.822	Lft	-134.9	mm
Q8	1.1259	118.4784	118.803	Rgt	3.1	mm
Q9	1.0222	139.0762	139.297	Lft	3.0	mm
Q10	1.1110	159.4340	161.845	FC	Out	SSD
Q11	1.4205	174.8460	172.559	Dec	Lab	Off
Q12	1.1106	159.3771	160.621	FC	Out	Off
Focus		Brk	2.7500	mm		
F1-F2	2.7500	mm	F2-F3	2.7500	mm	

6*07_04 11:23 prisca

Run198

Start -- Mon Jun 7 10:52:52 2004
 Stop -- Mon Jun 7 11:22:54 2004

Scaler Name :	Total
UNGATED :	1932589
GATED :	1321572
NONE :	21662
F1PP T :	9440
F2 SI :	0
CLEARs :	1321383
F2PP T :	448479
F3PPA T :	1215888
E1 :	1260569
PL 2 :	1458410
PL 3 :	2062680
CLOCK :	1800263
TGT_NAI :	366145040
TGT_BAF :	733518
MOMOTA :	7403313
OKUNO :	168615
FC :	2045
MOMOTA1 :	13535908
MOMOTA2 :	285457469
MOMOTA3 :	316822201
OKUNO1 :	5709206
OKUNO2 :	1246046
OKUNO3 :	839141
F3PPB T :	743952
LIVE_TGT_NAI :	252695692
LIVE_TGT_BAF :	502787
LIVE_MOMOTA :	5075999
LIVE_OKUNO :	115289
LIVE_FC :	1379
LIVE_MOMOTA1 :	9293126
LIVE_MOMOTA2 :	197750727
LIVE_MOMOTA3 :	219393111
LIVE_OKUNO1 :	3911899
LIVE_OKUNO2 :	853686
LIVE_OKUNO3 :	570851
LIVE_CLOCK :	1258312

Run number:	1989	Tape:	17	Name:	3m C
Description:	Bp = 2.33 Be92, F2PL trig, 2 runs				
Date:	6/7	Time:	1140		
Brho1:	2.33	Brho2:	2.33		
NMR1:	648079	NMR2:	648.505		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	12 mm	F1PPAC:	IN OUT		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:	IN OUT		
F2 Scint:	IN OUT	F3 Scint:	IN OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE-	96.0V	I dE-	0.50 μ A
U E1-	92.7	I E1-	2.52
U E2-	96.9	I E2-	0.86
U E3-	95.3	I E3-	0.16
U E4-	95.9	I E4-	0.22
F1_PPAC=	-748	NaI(Tl) 1=	600 V.
F2_PPAC=	-750	NaI(Tl) 2=	
F3_PPACA=	-755	NaI(Tl) 3=	
F3_PPACB=	-755	BaF=	1352V

Start -- Mon Jun 7 11:40:12 2004
 Stop -- Mon Jun 7 11:55:40 2004

Scaler Name : Total

```

UNGATED : 1124362
GATED : 737304
NONE : 12084
FLPP T : 31
F2_SI : 0
CLEARS : 737125
F2PP T : 1136340
F3PPA T : 1130933
E1 : 1030010
PL 2 : 1134781
PL 3 : 1146927
CLOCK : 926728
TGT NAI : 170111
TGT_BAF : 285
MOMOTA : 2908
OKUNO : 67
FC : 2339
MOMOTA1 : 533146
MOMOTA2 : 81940058
MOMOTA3 : 92720879
OKUNO1 : 2322
OKUNO2 : 528
OKUNO3 : 370
F3PPB T : 1131340
LIVE TGT NAI : 110005
LIVE TGT_BAF : 196
LIVE MOMOTA : 1913
LIVE OKUNO : 42
LIVE FC : 1669
LIVE MOMOTA1 : 357938

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RIPS Control Summary				2004/06/07 11:51:54	
	Parameter	Set Curr.	Read Curr.	Target	F2
Q1	1.3167	151.8763	151.988	Tgt 194.6 mm	FC Out
Q2	1.5337	121.1492	119.368	FC Out	Rgt 50.0 mm
Q3	0.7725	114.9970	115.375	Up 24.0 mm	Lft 50.0 mm
SX1	0.0000	0.1469	0.000	Dwn 24.0 mm	PPAC
P1	0.2777	360.7181	363.444	Rgt 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.000	Lft 23.8 mm	Deg Out
Q4	0.5572	62.7293	62.709	Lgt 0	Rela IN deg
Q5	0.7942	78.5035	78.666		
Q6	0.6197	69.9443	70.154		
SX3	0.0000	0.1469	0.000		
D2	0.2777	375.0510	374.415	F1	F3
SX4	0.0000	0.1469	0.000	DI -119.8 mm	PPAC1 IN
Q7	0.6468	96.2638	97.420	ld -134.9 mm	Rgt 49.9 mm
Q8	1.1259	100.4170	100.769	Rgt 2.1 mm	Lft 50.0 mm
Q9	1.0222	117.6815	117.867	Lft 2.0 mm	PPAC2 IN
Q10	1.1110	135.0650	136.817	Mon Out	SSD Out
Q11	1.4205	148.1850	146.607	Deg End	Pla IN
Q12	1.1106	135.0160	136.483	PPAC Out	Lgt

Run number:	200	Tape:	M1	Name:	JMC
Description:	Bp=2.23, Be92, F2PL, ±2mm slits				
Date:	6/7	Time:	1208		
Brhol:	2.23	Brhol:	2.23		
NMR1:	620.446	NMR2:	620.826		
Target:	(Be(92))	Ta(166)	Be(115) Be(181)		
F1 slit:	±2 mm	F1PPAC:	IN (OUT)		
Wedge:	(none)	100mg/Al	60mg/Al		
F2 slit:	(open)				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U_dE=		I_dE=	
U_E1=		I_E1=	
U_E2=		I_E2=	
U_E3=		I_E3=	
U_E4=		I_E4=	
F1_PPAC=		NaI(Tl)_1=	
F2_PPAC=		NaI(Tl)_2=	
F3_PPACA=		NaI(Tl)_3=	
F3_PPACB=		BaF=	

RIPS Control Summary				2004/06/07 12:32:12	
Parameter	Set Curr	Read Curr	Target	F1	F2
Q1	1.3167	145.3148	145.302	Tgt 194.6 mm	FC Out
Q2	1.5337	115.9415	114.741	Ret 50.0 mm	Ret 50.0 mm
Q3	0.7725	110.0560	110.437	FC Out	Ret 50.0 mm
SX1	0.0000	0.1469	0.000	Up 24.0 mm	PPAC
D1	0.2777	345.2092	347.838	Down 24.0 mm	SSD -94.8 mm
SX2	0.0000	0.1469	0.026	Ret 24.0 mm	Out
Q4	0.5572	59.9686	59.983	Up 23.8 mm	Dec -4.9 dec
Q5	0.7942	75.0676	75.200	Ret	Pls
Q6	0.6197	66.8740	67.163	Ret	Pls
SX3	0.0000	0.1469	0.000		
D2	0.2777	358.9478	358.021	F1	F3
SX4	0.0000	0.1469	0.000	D1 119.8 mm	PPAC1 IN
Q7	0.6468	92.1268	93.029	Up -134.9 mm	Rgt 49.9 mm
Q8	1.1259	96.1166	96.339	Rgt 2.1 mm	Up 50.0 mm
Q9	1.0222	112.5876	112.698	Up 2.0 mm	PPAC2 IN
Q10	1.1110	129.2628	131.033	Mon Out	SSD Out
Q11	1.4205	141.8382	140.493	Dec Exp	Pls IN
Q12	1.1106	129.2161	130.254	PPAC Out	Dec
FOCUS			Bfno	F1-F1 2.2300 In	Ret 0 Dec
F1-F2 2.2300 In				F2-F3 2.2300 In	

6/07, 04 12:23		prisca
Run200		
Start -- Mon Jun 7 12:08:17 2004		
Stop -- Mon Jun 7 12:23:40 2004		
Scaler Name :	Total	
UNGATED :	888107	
GATED :	630104	
NONE :	10328	
F1PP T :	21	
F2 SI :	0	
CLEARs :	630009	
F2PP T :	899726	
F3PPA T :	891942	
E1 :	832646	
PL 2 :	894984	
PL 3 :	904458	
CLOCK :	921372	
TGT_NAI :	111010	
TGT_BAF :	247	
MOMOTA :	2024	
OKUNO :	42	
FC :	2318	
MOMOTA1 :	517916	
MOMOTA2 :	81464217	
MOMOTA3 :	92140525	
OKUNO1 :	1576	
OKUNO2 :	333	
OKUNO3 :	272	
F3PPB T :	892152	
LIVE_TGT_NAI :	77771	
LIVE_TGT_BAF :	173	
LIVE_MOMOTA :	1415	
LIVE_OKUNO :	30	
LIVE_FC :	1722	
LIVE_MOMOTA1 :	371797	
LIVE_MOMOTA2 :	58456501	
LIVE_MOMOTA3 :	66190400	
LIVE_OKUNO1 :	1150	
LIVE_OKUNO2 :	247	
LIVE_OKUNO3 :	195	
LIVE_CLOCK :	663513	

Run number:	201	Tape:	14	Name:	SAC
Description:	Bp = 2.19, Be92, F2 Plastic, ±2mm slits				
Date:	6/7	Time:	12:31		
Brho1:	2.19	Brho2:	2.19		
NMR1:	609.44	NMR2:	609.786		
Target:	Be(92)	Ta(166)	Be(115) Be(181)		
F1 slit:	±2 mm	F1PPAC:	IN (OUT)		
Wedge:	none	100mg/Al	60mg/Al		
F2 slit:	open				
F2PPAC:	(IN) OUT	F3PPACs:	(IN) OUT		
F2 Scint:	(IN) OUT	F3 Scint:	(IN) OUT		
Rips control	yes/no	prisca	SCA file		
Trigger:	F1 PPAC/F1 Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dE=	96.0 V	I dE=	0.50 μ A
U E1=	100.0	I E1=	2.59
U E2=	96.6	I E2=	0.87
U E3=	95.3	I E3=	0.22
U E4=	95.4	I E4=	0.10
F1_PPAC=	-748 V	NaI(Tl)_1=	600V
F2_PPAC=	-750	NaI(Tl)_2=	
F3_PPACA=	-755	NaI(Tl)_3=	
F3_PPACB=	-755	BaF=	1352 V

RIPS Control Summary			2004/06/07 12:39:07	
Parameter	Set	Cur	Read	Unit
Q1	1.3167	142.6902	142.516	
Q2	1.5337	113.8584	112.724	
Q3	0.7725	108.0796	108.099	
FX1	0.0000	0.1469	0.000	
BI	0.2777	339.0056	341.754	
SX2	0.0000	0.1469	0.000	
Q4	0.5572	58.8643	58.838	
Q5	0.7942	73.6932	73.838	
Q6	0.6197	65.6459	65.858	
SX3	0.0000	0.1469	0.000	
Q2	0.2777	352.5065	351.675	
SX4	0.0000	0.1469	0.000	
Q7	0.6468	90.4720	91.402	
Q8	1.1259	94.3965	94.441	
Q9	1.0222	110.5506	110.724	
Q10	1.1110	126.9418	128.586	
Q11	1.4205	139.2992	137.911	
Q12	1.1106	126.8966	127.696	

Target	F2
Tgt 194.5 mm	FC Out
Rt 50.0 mm	Rgt 50.0 mm
Up 24.0 mm	Lft 50.0 mm
Dwn 24.0 mm	PPAC
Rgt 24.0 mm	SSD -94.8 mm
Lft 23.8 mm	Deg Out
Lgt	PLa In

F1	F3
Q1 119.8 mm	PPAC1 In
Id -134.9 mm	Rgt 49.9 mm
Rgt 2.1 mm	Lft 50.0 mm
Lft 2.0 mm	PPAC2 In
Mon Out	SSD Out
Deg Lgt	PLa In
PPAC Out	Lgt

Focus: F1=2.1900 In, F2=2.1900 In, F3=2.1900 In

6/07, 04 12:41		prisca	
Run201			
Start -- Mon Jun 7 12:31:42 2004			
Stop -- Mon Jun 7 12:41:52 2004			
Scaler Name :		Total	
UNGATED :	497629		
GATED :	365789		
NONE :	5996		
F1PP T :	14		
F2 SI :	0		
CLEARs :	365757		
F2PP T :	504786		
F3PPA T :	499439		
E1 :	470485		
PL_2 :	501072		
PL_3 :	506369		
CLOCK :	608482		
TGT_NAI :	66129		
TGT_BAF :	130		
MOMOTA :	1237		
OKUNO :	27		
FC :	1535		
MOMOTA1 :	354900		
MOMOTA2 :	53293243		
MOMOTA3 :	45899821		
OKUNO1 :	955		
OKUNO2 :	232		
OKUNO3 :	148		
F3PPB T :	499541		
LIVE_TGT_NAI :	47894		
LIVE_TGT_BAF :	95		
LIVE_MOMOTA :	905		
LIVE_OKUNO :	20		
LIVE_FC :	1204		
LIVE_MOMOTA1 :	267017		
LIVE_MOMOTA2 :	40054895		
LIVE_MOMOTA3 :	34542560		
LIVE_OKUNO1 :	664		
LIVE_OKUNO2 :	167		
LIVE_OKUNO3 :	109		
LIVE_CLOCK :	458440		

Run number:	202	Tape:	14	Name:	SMC
Description:	Bp = 2.15, Be92, F2 plastic, 12mm slits				
Date:	6/7	Time:			
Brho1:	2.15	Brho2:		2.15	
NMR1:	598.390	NMR2:		598.825	
Target:	Be(92)	Ta(166)		Be(115) Be(181)	
F1 slit:	F2 mm	F1PPAC:		IN OUT	
Wedge:	none	100mg/Al		60mg/Al	
F2 slit:	open				
F2PPAC:	IN OUT	F3PPACs:		IN OUT	
F2 Scint:	IN OUT	F3 Scint:		IN OUT	
Rips control	yes/no	prisca		SCA file	
Trigger:	F1 PPAC/F1Plastic/F2 Plastic				

Bias voltage table (please compare to previous values)			
U dB=	96.0V 0.57	I dB=	0.52 μ A
U E1=	100V	I E1=	2.64
U E2=	96.6V	I E2=	0.86
U E3=	95.3V	I E3=	0.16
U E4=	95.4	I E4=	0.22
F1 PPAC=	-748	NaI(Tl) 1=	600V
F2 PPAC=	-750	NaI(Tl) 2=	
F3 PPACA=	-755	NaI(Tl) 3=	
F3 PPACB=	-755	BaF=	1352V

F2 slit = 95 V / 0.16 μ A

Give Beam to operator for tuning at 1: pm.
turn down ^{all} _{Li} detector voltage and NaI voltage!

NaI voltage ~100V

RIPS Control Summary			2004/06/07 12:56:50	
Parameter	Set	Cur	Read	Unit
D1	1.3167	140.0655	139.954	
D2	1.5337	111.7753	110.469	
D3	0.7725	106.1031	106.366	
D4	0.0000	0.1469	0.000	
D5	0.2777	332.8020	335.141	
D6	0.0000	0.1469	0.000	
D7	0.5572	57.7600	57.747	
D8	0.7942	72.3188	72.353	
D9	0.6197	64.4177	64.662	
D10	0.0000	0.1469	0.000	
D11	0.2777	346.0652	345.329	
D12	0.0000	0.1469	0.000	
D13	0.6468	88.8172	89.532	
D14	1.1259	92.6764	93.176	
D15	1.0222	108.5124	108.374	
D16	1.1110	124.6209	126.139	
D17	1.4205	136.7602	135.058	
D18	1.1106	124.5759	125.471	

FOCUS	Brto	2.1500	mm		
F1-F2	2.1500	mm	F2-F3	2.1500	mm

6/07/04 12:58		prisca
Run202		
Start	-- Mon Jun 7 12:45:16 2004	
Stop	-- Mon Jun 7 12:58:41 2004	
Scaler Name	:	Total
UNGATED	:	761553
GATED	:	533829
NONE	:	8750
F1PP T	:	23
F2 SI	:	0
CLEARs	:	533751
F2PP T	:	774685
F3PPA T	:	765051
E1	:	716758
PL 2	:	767447
PL 3	:	775997
CLOCK	:	803692
TGT NAI	:	124505
TGT BAF	:	253
MOMOTA	:	2128
OKUNO	:	43
FC	:	2028
MOMOTA1	:	461668
MOMOTA2	:	70441386
MOMOTA3	:	60711367
OKUNO1	:	1759
OKUNO2	:	407
OKUNO3	:	298
F3PPB T	:	765236
LIVE TGT NAI	:	85730
LIVE TGT BAF	:	177
LIVE MOMOTA	:	1508
LIVE OKUNO	:	30
LIVE FC	:	1531
LIVE MOMOTA1	:	335353
LIVE MOMOTA2	:	51107892
LIVE MOMOTA3	:	44114738
LIVE OKUNO1	:	1243
LIVE OKUNO2	:	288
LIVE OKUNO3	:	210

There is no 203 run #!

only the 32kB segment → test of DAQ

Run number:	204	Tape:	Name: 414
Description:	PID calibration Run		
Date:		Time:	2:10 PM
Brho1:	20974	Brho2:	20974
NMR1:	582.572	NMR2:	582.611
Target:	Be(92)	Ta(166)	Be(115) Be(181)
F1 slit:	± 3 mm	F1PPAC:	IN OUT
Wedge:	none	100mg/Al	60mg/Al
F2 slit:	open		
F2PPAC:	IN OUT	F3PPACs:	IN OUT
F2 Scint:	IN OUT	F3 Scint:	IN OUT
Rips control	yes/no	prisca	SCA file
Trigger:	F1 PPAC/F1Plastic/F2 Plastic		

Bias voltage table (please compare to previous values)			
U dE=		I dE=	
U E1=		I E1=	
U E2=		I E2=	
U E3=		I E3=	
U E4=		I E4=	
F1_PPAC=		NaI(Tl)_1=	
F2_PPAC=		NaI(Tl)_2=	
F3_PPACA=		NaI(Tl)_3=	
F3_PPACB=		BaF=	

6/07/04 19:56

prisca

Run204

Start -- Mon Jun 7 19:53:49 2004
 Stop -- Mon Jun 7 19:56:08 2004

Scaler Name : Total

UNGATED :	72187
GATED :	53319
NONE :	874
F1PP_T :	1
F2_SI :	0
CLEAR_S :	53315
F2PP_T :	77731
F3PPA_T :	72332
E1 :	70381
PL_2 :	72608
PL_3 :	73430
CLOCK :	138721
TGT_NAI :	4168
TGT_BAF :	15
MOMOTA :	96
OKUNO :	1
FC :	24
MOMOTA1 :	83065
MOMOTA2 :	12096172
MOMOTA3 :	10510375
OKUNO1 :	79
OKUNO2 :	18
OKUNO3 :	18
F3PPB_T :	72330
LIVE_TGT_NAI :	2978
LIVE_TGT_BAF :	13
LIVE_MOMOTA :	69
LIVE_OKUNO :	1
LIVE_FC :	15
LIVE_MOMOTA1 :	62450
LIVE_MOMOTA2 :	9110381
LIVE_MOMOTA3 :	7917404
LIVE_OKUNO1 :	61
LIVE_OKUNO2 :	14
LIVE_OKUNO3 :	18
LIVE_CLOCK :	104593



go to next log book!

The following are loose pages that
were found in this logbook.

JMC 6/12/04

Ta target:

charge state	center	from	to
36	2.5062	2.498658	2.513742
35	2.578065	2.570523	2.585607
34	2.654015	2.646473	2.661557
33	2.733965	2.726423	2.741507
32	2.81951	2.811968	2.827052
31	2.910235	2.902693	2.917777

mom(+/-):	3	mm
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be tgt

charge state	center	from	to
36	2.495395	2.489575	2.501215
35	2.56669	2.56087	2.57251
34	2.642855	2.637035	2.648675
33	2.72137	2.71555	2.72719

	Ta target:	from	to
1	2.45	2.446938	2.453063
2	2.48	2.4769	2.4831
3	2.52	2.51685	2.52315
4	2.54	2.536825	2.543175
5	2.56	2.5568	2.5632
6	2.6	2.59675	2.60325
7	2.63	2.626713	2.633288
8	2.67	2.666663	2.673338
9	2.7	2.696625	2.703375
10	2.75	2.746563	2.753438
11	2.78	2.776525	2.783475
12	2.8	2.7965	2.8035
13	2.84	2.83645	2.84355
14	2.87	2.866413	2.873588

	Be Target:	from	to
1	2.45	2.446938	2.453063
2	2.48	2.4769	2.4831
3	2.52	2.51685	2.52315
4	2.54	2.536825	2.543175
5	2.56	2.576775	2.583225
6	2.6	2.59675	2.60325
7	2.63	2.626713	2.633288
8	2.67	2.666663	2.673338
9	2.7	2.696625	2.703375
10	2.75	2.746563	2.753438
11	2.78	2.776525	2.783475
12	2.8	2.7965	2.8035
13	2.84	2.83645	2.84355
14	2.87	2.866413	2.873588

-- Sun Jun 6 04:11:49 2004
-- Sun Jun 6 04:40:55 2004

Scaler Name : Total

UNGATED :	1476470
GATED :	1093104
NONE :	17918
F1PP T :	66
F2 SI :	0
CLEAR :	1092999
F2PP T :	1481738
F3PPA T :	1447094
E1 :	1455162
PL_2 :	1470807
PL_3 :	1472134
CLOCK :	1743296
TGT_NAI :	1460925
TGT_BAF :	2600
MOMOTA :	55002
OKUNO :	5003
FC :	3991
MOMOTA1 :	1173422
MOMOTA2 :	148918150
MOMOTA3 :	130620337
OKUNO1 :	84407
OKUNO2 :	20574
OKUNO3 :	10536
F3PPB T :	1428530
LIVE_TGT_NAI :	1073525
LIVE_TGT_BAF :	1875
LIVE_MOMOTA :	40501
LIVE_OKUNO :	3692
LIVE_FC :	3065
LIVE_MOMOTA1 :	870034
LIVE_MOMOTA2 :	110433751
LIVE_MOMOTA3 :	96929576
LIVE_OKUNO1 :	62197
LIVE_OKUNO2 :	15159
LIVE_OKUNO3 :	7770
LIVE_CLOCK :	1294518

L22

* -- Sun Jun 6 04:11:49 2004
 * -- Sun Jun 6 04:40:55 2004

Scaler Name : Total

UNGATED :	1476470
GATED :	1093104
NONE :	17918
FIPP_T :	66
F2_SI :	0
CLEAR :	1092999
F2PP_T :	1481738
F3PPA_T :	1447094
E1 :	1455162
PL_2 :	1470807
PL_3 :	1472134
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LIVE_MOMOTA :	40501
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LIVE_FC :	3065
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LIVE_MOMOTA2 :	110433751
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t -- Sun Jun 6 04:11:49 2004
, -- Sun Jun 6 04:40:55 2004

Scaler Name : Total

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FLPP T :	66
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