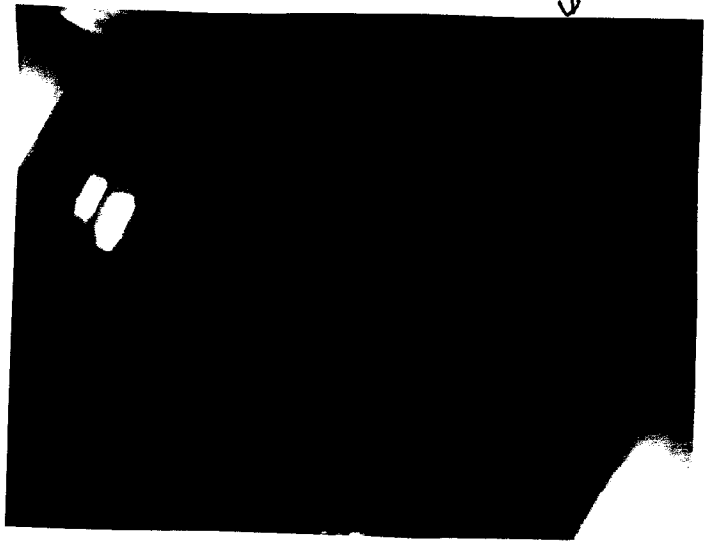


First Bunch.
↓



• First Bunch Only → Energy 高 u .

(B) -18.547 A 49.44 MeV SC-A1-A

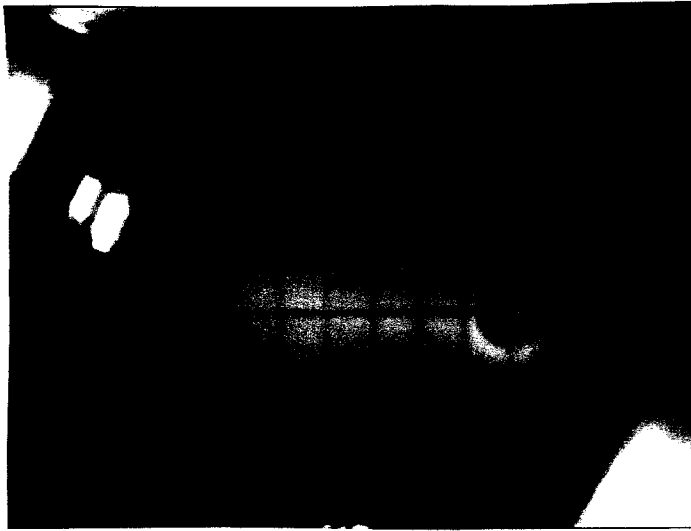


1st Bunch Only.

(c) -19.182 A

50.98 MeV

SC_A1_A

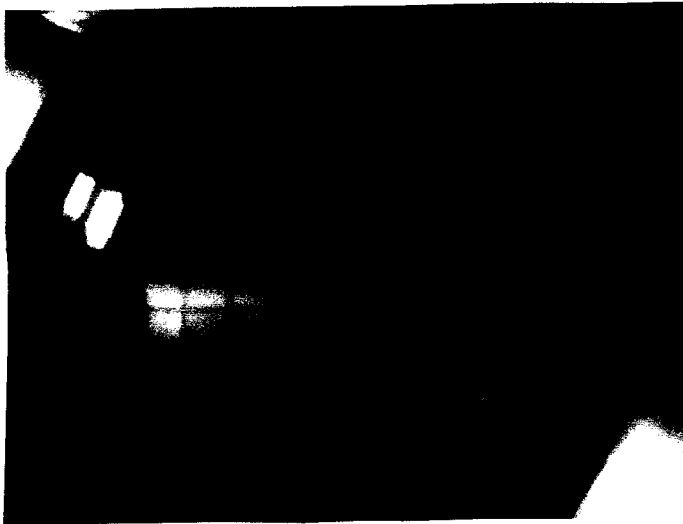


• First Bunch Only

(d) -19.585

51.94 MeV

SC_A1_A



• First Bunch Only



(E) -21.746 A

56.94 MeV

SC_A1_A



• First Bunch Only.

Second Bunch Only.

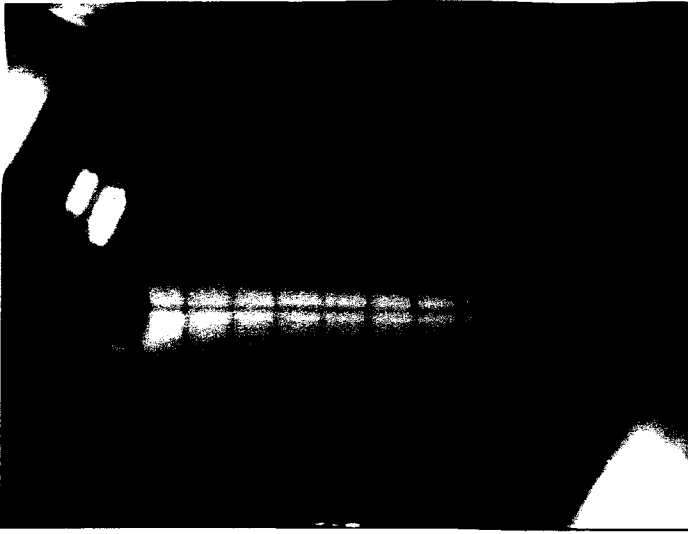
(F) -18.4 A

49.09 MeV



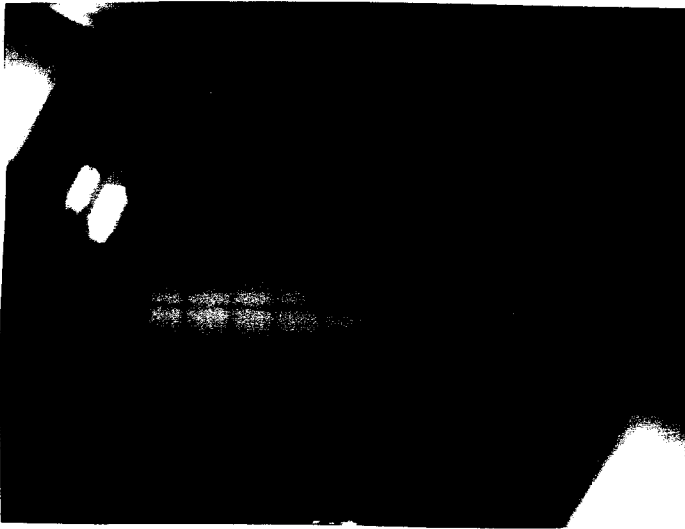
• 2nd Bunch Only

(G) -18.938 A 50.39 MeV



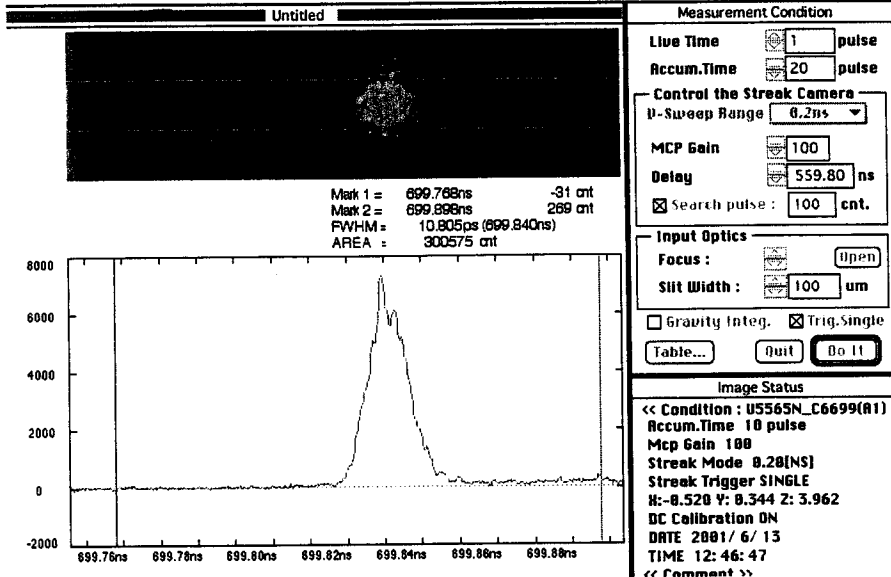
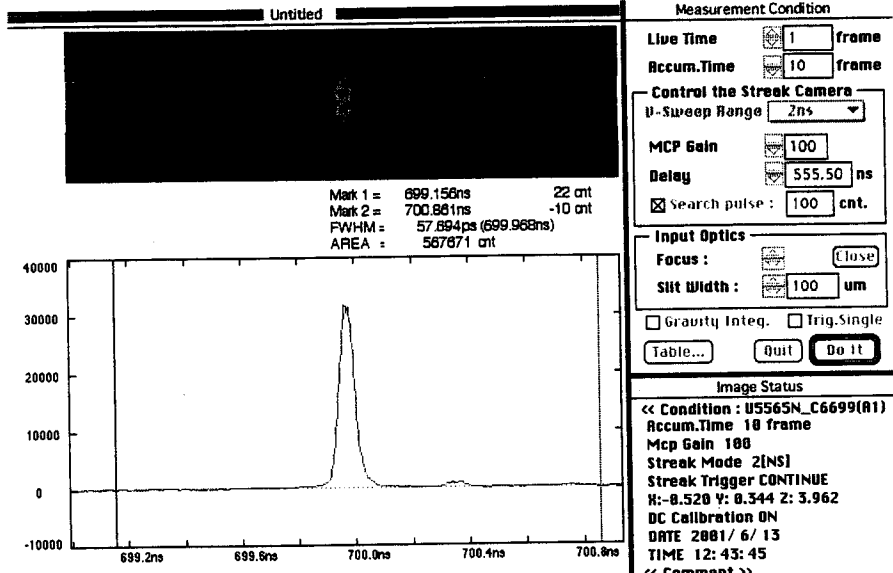
• 2nd Bunch Only

(H) -19.658 A 52.12 MeV

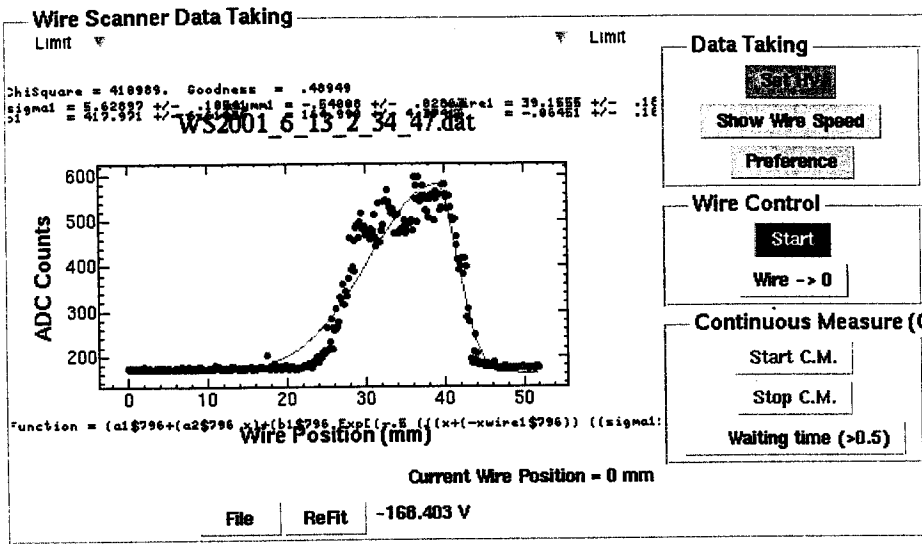


• 2nd Bunch Only

A1 streak (First Bunch Only.) ← 入射ビームの確認

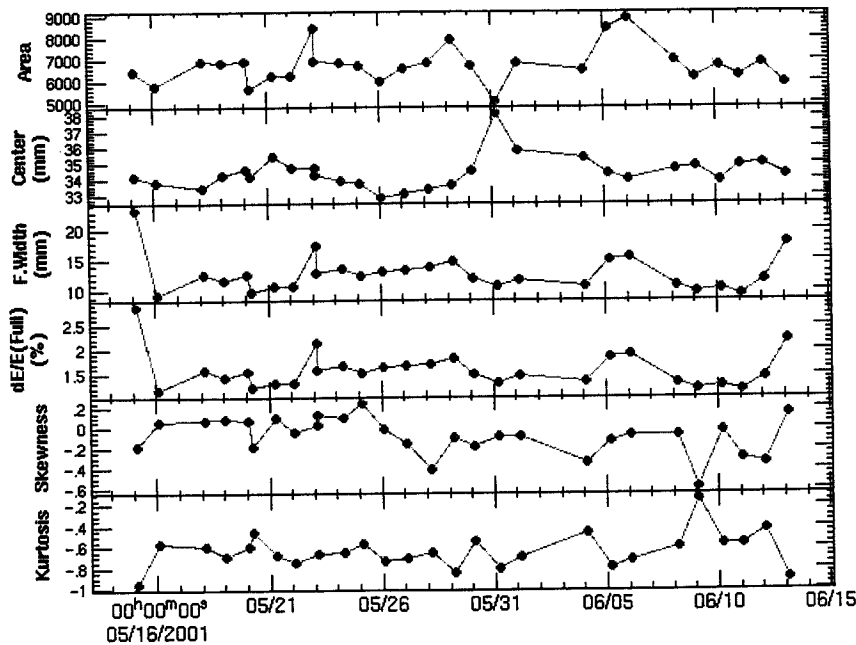


1st, 2nd Bunchの
 入射ビームを合わせて543可能性有り,



e- Injection e+ Injection

Use PopUp menu in the graph region to change Time ra



Qmag values were SAVED to /data1/KEKB/Wire/dE/JARC/positron/data/Qvalue/qname_2001_6_13_2_34_32.dat0

2001.6.13 2 Bunch (5a)

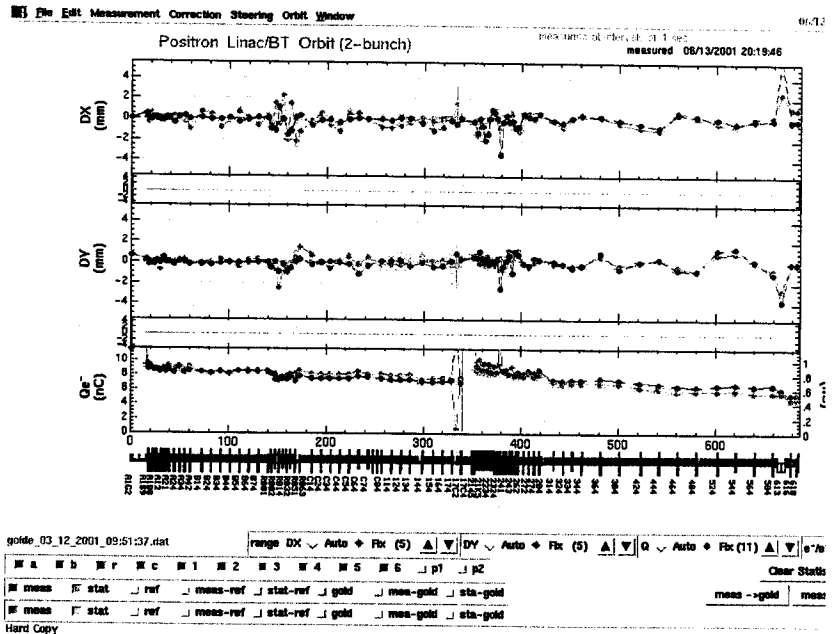
GUN 電圧 1 0400 → 05A0 (常業運転の3x-9と同じ他) → 4B0
 " delay 1 07A0 → 07B0 → 07F9 → ~~0800~~
 " 電圧 2 08B0 → 0960 → 0950
 " delay 2 0BE0 → 0C30 →
 Trig delay A 49128ns →
 " B 49074ns →

6/12 の data set

GUN delay 1 083C → 0880 → 07C0 (0.91 ns) → "0100

GUN e^- pulse 1 & 2 の 間隔 96.177 ns

BEAM POSITION MONITOR [Launch] 2001		
	I (nC)	Is (nC)
SP_A1_62	11.47	12.46
SP_A1_59	12.31	13.25
SP_A1_58	9.54	9.59
SP_A1_55	8.96	8.13
SP_A1_1	9.11	8.21
SP_A1_2	8.71	8.85
SP_A1_M	8.75	8.75
SP_A2_1	8.54	8.58
SP_A2_2	8.85	8.96
SP_A2_3	8.46	8.50
SP_A2_4	8.00	8.93
SP_A3_2	8.45	8.43
SP_A3_4	8.06	8.88
SP_A4_2	8.41	8.44
SP_A4_4	8.78	8.87
SP_C1_4	7.47	7.82
SP_C2_4	7.51	8.00
SP_C3_4	7.57	7.87
SP_C4_4	7.48	7.88
SP_C5_4	7.68	8.00
SP_C6_4	7.90	8.28
SP_C7_4	7.79	8.02
SP_21_15	1.51	1.56
SP_22_15	0.88	0.90
SP_22_25	0.86	0.89
SP_22_34	0.84	0.85
SP_22_44	0.83	0.82
SP_23_14	0.83	0.83
SP_23_24	0.80	0.84
SP_23_33	0.83	0.82
SP_23_43	0.83	0.81
SP_24_1	0.82	0.82
SP_24_2	1.29	0.80
SP_24_3	0.85	0.84
SP_24_4	0.86	0.85
SP_26_1	0.83	0.81
SP_26_2	0.83	0.86
SP_26_3	0.82	0.77
SP_26_4	0.85	0.81
SP_27_2	0.81	0.78
SP_27_4	0.83	0.79
SP_28_2	0.84	0.77
SP_28_4	0.85	0.77
SP_52_4	0.67	0.58
SP_54_4	0.88	0.59
SP_56_4	0.84	0.85
SP_58_4	0.85	0.56
SP_61_3	0.58	0.54
SP_61_6	0.51	0.46
SP_61_9	0.51	0.47
SP_61_11	0.02	0.01
SP_61_12	0.77	0.01
SP_61_H1	0.01	0.21



$$e^+ Q_1 = 0.539 \mu\text{C}$$

$$Q_2 = 0.486 \mu\text{C}$$

$$Q_1 + Q_2 = 1.025 \mu\text{C}$$

$$\frac{Q_1 - Q_2}{0.61} = 1.68$$

