2111Kr

Run Summary Sheet： CAMAC & LabView

条件全て書くこと

Fname		start	stop	Header	Ender / Lo		Elapse	コメント	Att 100	10	5	3	2	Trig	Wob	AuF	Kap	IC1	PL1	ED	Air1	Air2	Det.Setup PL2,IC2,SSD
	実験前				LogNote: E5exp(8)_																		
	実験中：Beam調整時																		PL:2110Arのママ				
21/10/31		ZnSスポット調整			p.58																		
Cap	1	17:34:00		Cap01_ZnS_Zsld			mpg		0	2	0	1	1		×	×	75u	×	×	×	145	200	
	2			Cap02_ZnS_QTdef			mpg																
	3			Cap03_散ZnS_Qdef			mpg	右側が切れている？															
	4			Cap04_WobR36-10-40			mpg	R=36,30,25,20,15,20,25,30,36,40,36	0	2	0	1	0		var: WobR =12C 135MeV/u								
	5			Cap05_散ZnS_WobON			mpg	R=36							R36								
	6			Cap06_WobR36_Au48um			mpg	ZnS@Air2	0	2	0	0	0		R36	50u							
		Gaf焼き(1)		Gaf:: EBT3 □85x85mm @ Ysld	p.58																		
		18:20:00		Att vs IC2@Air2				WobR=36,Au48.5umで	0	3	0	0	2		R36	50u		×	×	0u			IC2@Xclmt
Gaf	1	18:25:00		WobR=36,Au=48.5um				20sec	0	3	0	0	2		R36	50u							
	2			WobR=OFF,Au=48.5um(Kr用)				90sec 弱すぎた	0	4	0	0	2		OFF	50u							
	3			同上 濃く				60sec	0	4	0	0	0		OFF	50u							
	4			WobR=OFF,Au=73um(Ar用)				60sec	0	4	0	0	0		OFF	73u							
	5			WobR=OFF,Au=20um				25sec	0	4	0	0	0		OFF	20u							
	6			WobR=OFF,Au=112um				90sec	0	4	0	0	0		OFF	112u							
		19:00:00		Att vs IC2@Air2				WobR=OFF,Au48.5umで	0	4	0	0	0		OFF	50u		×	×	0u			IC2@Xclmt
		回路調整			p.159																		
		19:15:00		PL1,2 Dscr: 2110Arのママ PL1=125, 899mV, PL2=134mV																			
		PL HV(1：利用		PL1=100uはArのママ PL2=25u(Xe用)は新品。				PL1, PL2 @ Air2 同時に測定(IC2 out)															
PLHV01-	1	19:37:06	19:37:38	plhv01-01 700V	30sec		0:00:32	PL1=PL2=3kcps	2	2	0	0	1	PorS(0)	R36	50u		○	100u	0u			PL2(25u:Xe用)
	2	19:38:05	19:38:38	plhv01-02 800V	30sec		0:00:33	<--PL1＝800Vで決定															
	3	19:39:06	19:39:38	plhv01-03 900V	30sec		0:00:32																
	4	19:40:07	19:40:37	plhv01-04 1000V	30sec		0:00:30																
		scnEDic：ExpR サーチ																					
scnEDic01_202110311953				30sec/点	p.60			PL1,PL2 HV=Off, IC2大=IN															PL2=inのまま
		19:53:00	20:21:00	38点でRange 42点迄			0:28:00	IC1～IC2=1.3-7A 少し強めでやる	1	1	0	0	0		R36	50u		○	100u	var			IC2大
		scnAtt：IC1 vs PL1						PL1=1000V(230uA) IC2 @ Air2(X=0 Center)															
scnAtt01_202110312030				Step = 1/2, /4, /6, /8, /10	p.60																		
		20:30:00	20:53:00	測定 30sec 設定			0:23:00	scnAtt本番	1	0	0	0	3	～	R36	50u		○	100u	0u			IC2@Air2,X=0
scnAtt01-									1	3	0	0	3										
	1	20:31:32	20:32:03	scanAtt001 Mul 800			0:00:31	1/f=1/999～1/9 手動で変更															
	2	20:32:56	20:33:27	scanAtt002 Mul 8000			0:00:31																
	3	20:33:28	20:33:59	scanAtt003 Mul 1000			0:00:31																
	4	20:34:20	20:34:51	scanAtt004 Mul 2000			0:00:31																
	5	20:35:12	20:35:43	scanAtt005 Mul 4000			0:00:31																
	6	20:36:00	20:36:29	scanAtt006 Mul 8000			0:00:29																
	7	20:36:52	20:37:23	scanAtt007 Mul 80000			0:00:31																
	8	20:37:25	20:37:57	scanAtt008 Mul 10000			0:00:32																
	9	20:38:16	20:38:47	scanAtt009 Mul 20000			0:00:31																
	10	20:39:12	20:39:43	scanAtt010 Mul 40000			0:00:31																
	11	20:40:07	20:40:39	scanAtt011 Mul 80000			0:00:32																
	12	20:41:12	20:41:43	scanAtt012 Mul 400000			0:00:31																
	13	20:41:45	20:42:15	scanAtt013 Mul 100000			0:00:30																
	14	20:42:48	20:43:19	scanAtt014 Mul 200000			0:00:31																
	15	20:43:48	20:44:19	scanAtt015 Mul 400000			0:00:31																
	16	20:44:52	20:45:23	scanAtt016 Mul 800000			0:00:31																
		PL HV (2：重照射後)			p.60																		
PLHV02-	1	20:50:03	20:51:22	plhv02-01 700V	60sec		0:01:19	★scnAtt=Runのママだった	1	3	0	0	3	PorS(0)	R36	50u		○	100u	0u			PL2(25u:Xe用)
	2	20:52:12	20:52:43	scanAtt017 Mul 400000	scnAtt Run		0:00:31																
	3	20:52:45	20:53:03	scanAtt018 Mul 200000	･)･		0:00:18																
	4	20:54:23	20:55:25	plhv02-03 900V	30sec		0:01:02																
	5	20:56:03	20:56:47	plhv02-05 1000V	30sec		0:00:44																
		21:00		ビーム調整終了	p.61			架台交換															
21/10/31		23:30		(ML02-04)利用スタート	p.61																		
21/11/01		11:25		(ML02-04)利用終了				加速器ロスタイム＝0min															
				(ML04-01)準備開始																			
bef-	1	14:50:26	15:05:55		p.71		0:15:29	SSD:Kr Gain ML04の前に測定															
21/11/01		16:10		(ML04-01)利用スタート	p.71																		
21/11/02		3:45		(ML04-01)利用終了				加速器ロスタイム＝0min															
		7:30:00		利用者片付け終了				架台交換															
	実験中： ML04利用終了後																						
21/11/02		6:20:00		E5入室																			
		scnEDic：PL厚さ測定(1)																					
scnEDic02_202111020625				scnEDic01再現chk PL1=100um	p.72			PL1 HV=Off, IC2大=IN PL2無し															
		6:25:00	6:53:00	42点まで			0:28:00	IC1=1.5-7A	1	1	0	0	0		R36	50u		○	100u	var			IC2大
scnEDic03_202111020706				PL1=100 --> 25um	p.72																		
		7:06:00	7:36:00	43点まで			0:30:00	IC1=1.16-7A	1	1	0	0	0		R36	50u		○	25um	var			IC2大
scnEDic04_202111020743				PL1=無し	p.72																		
		7:43:00	8:09:00	39点まで			0:26:00	IC1=1.24-7A	1	1	0	0	0		R36	50u		○	無し	var			IC2大
		バカ！ IC1破損			p.73																		
				PL500umに交換中に破損した																			
				IC1 --> IC2大に交換したので、scnAtt 再測定。 重照射が続いたので、PLHVも再測定																			
		scnAtt：IC1 vs PL1																					
scnAtt02_202111020845				Step = 1/2, /4, /6, /8, /10	p.74			IC2=400V PL1=800V															
		8:45:00	8:57:00	測定 30sec 設定			0:12:00	IC1交換->IC2大 + PL=100um	1	0	0	0	3	～	R36	50u		IC2大	100u	0u			PL2,IC2無し
scnAtt02-		camac Run 無し							1	3	0	0	3										
		PL HV (3：重照射後)			p.74																		
PLHV03-	1	8:59:12	8:59:58	plhv03-01	700V 30se		0:00:46	800Vでまだ使える	1	3	0	0	3	PorS(0)	R36	50u		IC2大	100u	0u			PL2なし
	2	9:00:23	9:01:04	plhv03-02 800V	30sec		0:00:41																
	3	9:01:39	9:02:16	plhn03-03 900V	30sec		0:00:37																
	4	9:02:39	9:03:17	plhv03-04 1000V	30sec		0:00:38																
		バカ！ PL1 HV = 1000V のママで R02をやってしまった！！																					
		9:03		ビーム調整終了	p.74			架台交換															
				(R02-01)準備開始																			
21/11/02		12:15		(R02-01)利用スタート	p.61																		
21/11/04		0:10		(R02-01)利用終了				加速器ロスタイム＝0min															
				利用者片付け終了				架台交換															
	利用後測定： R02利用終了後																						
21/11/04		1:10:00		スタート																			
		PL HV (4：利用後)			p.85																		
PLHV04-	1	1:14:27	1:15:18	plhv04-01 700V aft R02	30sec		0:00:51	PL1=2K	1	4	0	0	3	PorS(0)	R36	50u		IC2大	100u	0u			PL2なし
	2	1:15:47	1:16:42	plhv04-02 800V	60sec		0:00:55																
	3	1:17:07	1:18:10	plhv04-03 900V	60sec		0:01:03																
	4	1:19:04	1:20:10	plhv04-04 1000V	60sec		0:01:06																

2111Kr

Run Summary Sheet : CAMAC & LabView

条件全て書くこと

Fname		start	stop	Header	Ender / Lo	Elapse	コメント	Att 100	10	5	3	2	Trig	Wob	AuF	Kap	IC1	PL1	ED	Air1	Air2	Det.Setup PL2,IC2,SSD
		scnEDssd: Eスペクトル(1) Ecal用																				
scnEDssd01_202111040134					p.85																	
		1:34:00	2:01:00	Ecal用: 39点x測定30sec		0:27:00	PL 6K, Sor 500cps, PandS	1	4	0	0	1	PandS	R36	50u		IC2大	100u	var			SSD@Air2
scnEDssd01-																						
	1	1:34:29	1:34:55	scanED001 0.0 um		0:00:26																
	2	1:35:07	1:35:37	scanED002 48.6 um		0:00:30																
	3	1:35:49	1:36:19	scanED003 100.2 um		0:00:30																
	4	1:36:31	1:37:01	scanED004 148.8 um		0:00:30																
	5	1:37:13	1:37:43	scanED005 197.4 um		0:00:30																
	6	1:37:55	1:38:25	scanED006 249.5 um		0:00:30																
	7	1:38:37	1:39:07	scanED007 297.5 um		0:00:30																
	8	1:39:19	1:39:49	scanED008 345.8 um		0:00:30																
	9	1:40:01	1:40:31	scanED009 397.4 um		0:00:30																
	10	1:40:43	1:41:13	scanED010 446.0 um		0:00:30																
	11	1:41:25	1:41:55	scanED011 498.8 um		0:00:30																
	12	1:42:07	1:42:37	scanED012 547.3 um		0:00:30																
	13	1:42:49	1:43:19	scanED013 596.4 um		0:00:30																
	14	1:43:31	1:44:01	scanED014 647.6 um		0:00:30																
	15	1:44:13	1:44:43	scanED015 699.6 um		0:00:30																
	16	1:44:55	1:45:30	scanED016 724.8 um		0:00:35																
	17	1:45:42	1:46:13	scanED017 748.2 um		0:00:31																
	18	1:46:25	1:46:55	scanED018 756.0 um		0:00:30																
	19	1:47:07	1:47:37	scanED019 760.6 um		0:00:30																
	20	1:47:49	1:48:19	scanED020 770.8 um		0:00:30																
	21	1:48:31	1:49:01	scanED021 777.9 um		0:00:30																
	22	1:49:13	1:49:43	scanED022 783.1 um		0:00:30																
	23	1:49:55	1:50:25	scanED023 792.8 um		0:00:30																
	24	1:50:37	1:51:07	scanED024 807.6 um		0:00:30																
	25	1:51:19	1:51:49	scanED025 817.8 um		0:00:30																
	26	1:52:01	1:52:31	scanED026 830.6 um		0:00:30																
	27	1:52:43	1:53:13	scanED027 844.5 um		0:00:30																
	28	1:53:25	1:53:55	scanED028 858.7 um		0:00:30																
	29	1:54:07	1:54:37	scanED029 869.5 um		0:00:30																
	30	1:54:49	1:55:19	scanED030 879.8 um		0:00:30																
	31	1:55:31	1:56:01	scanED031 887.9 um		0:00:30																
	32	1:56:13	1:56:43	scanED032 898.1 um		0:00:30																
	33	1:56:55	1:57:25	scanED033 908.4 um		0:00:30																
	34	1:57:37	1:58:07	scanED034 918.6 um		0:00:30																
	35	1:58:19	1:58:49	scanED035 921.2 um		0:00:30																
	36	1:59:01	1:59:31	scanED036 925.7 um		0:00:30																
	37	1:59:43	2:00:13	scanED037 944.8 um		0:00:30																
	38	2:00:25	2:00:55	scanED038 975.4 um		0:00:30																
	39	2:01:07	2:01:37	scanED039 1000.4 um		0:00:30																
		scnEDssd: Eスペクトル(2) Ar,Kr用EDeg 厚さcalibl																				
scnEDssd02_202111040211					p.86																	
		2:11:00	2:39:00	厚さcal用: 40点x測定30sec		0:28:00	PL 6K, Sor 500cps, PandS	1	4	0	0	1	PandS	R36	50u		IC2大	100u	var			SSD@Air2
scnEDssd02-																						
	1	2:12:01	2:12:31	scanED001 100.2 um		0:00:30																
	2	2:12:43	2:13:13	scanED002 100.8 um		0:00:30																
	3	2:13:25	2:13:55	scanED003 104.7 um		0:00:30																
	4	2:14:07	2:14:37	scanED004 110.4 um		0:00:30																
	5	2:14:49	2:15:19	scanED005 113.0 um		0:00:30																
	6	2:15:31	2:16:01	scanED006 125.3 um		0:00:30																
	7	2:16:13	2:16:43	scanED007 148.8 um		0:00:30																
	8	2:16:55	2:17:25	scanED008 196.4 um		0:00:30																
	9	2:17:37	2:18:07	scanED009 200.9 um		0:00:30																
	10	2:18:19	2:18:49	scanED010 206.6 um		0:00:30																
	11	2:19:01	2:19:31	scanED011 209.2 um		0:00:30																
	12	2:19:43	2:20:13	scanED012 221.4 um		0:00:30																
	13	2:20:25	2:20:55	scanED013 245.0 um		0:00:30																
	14	2:21:07	2:21:37	scanED014 296.6 um		0:00:30																
	15	2:21:49	2:22:19	scanED015 297.2 um		0:00:30																
	16	2:22:31	2:23:01	scanED016 485.9 um		0:00:30																
	17	2:23:13	2:23:43	scanED017 490.4 um		0:00:30																
	18	2:23:55	2:24:25	scanED018 496.1 um		0:00:30																
	19	2:24:37	2:25:07	scanED019 498.8 um		0:00:30																
	20	2:25:19	2:25:49	scanED020 511.0 um		0:00:30																
	21	2:26:01	2:26:31	scanED021 534.5 um		0:00:30																
	22	2:26:43	2:27:13	scanED022 586.2 um		0:00:30																
	23	2:27:25	2:27:55	scanED023 586.8 um		0:00:30																
	24	2:28:07	2:28:37	scanED024 682.3 um		0:00:30																
	25	2:28:49	2:29:19	scanED025 586.2 um		0:00:30																
	26	2:29:31	2:30:01	scanED026 590.7 um		0:00:30																
	27	2:30:13	2:30:43	scanED027 596.4 um		0:00:30																
	28	2:30:55	2:31:25	scanED028 599.0 um		0:00:30																
	29	2:31:37	2:32:07	scanED029 611.2 um		0:00:30																
	30	2:32:19	2:32:49	scanED030 634.8 um		0:00:30																
	31	2:33:01	2:33:31	scanED031 687.0 um		0:00:30																
	32	2:33:43	2:34:13	scanED032 782.6 um		0:00:30																
	33	2:34:25	2:34:55	scanED033 682.3 um		0:00:30																
	34	2:35:07	2:35:37	scanED034 686.8 um		0:00:30																
	35	2:35:49	2:36:19	scanED035 692.5 um		0:00:30																
	36	2:36:31	2:37:01	scanED036 695.1 um		0:00:30																
	37	2:37:13	2:37:43	scanED037 707.4 um		0:00:30																
	38	2:37:55	2:38:25	scanED038 730.9 um		0:00:30																
	39	2:38:37	2:39:07	scanED039 782.6 um		0:00:30																
	40	2:39:19	2:39:49	scanED040 783.1 um																		
		scnEDssd: Eスペクトル(3) Xe用EDeg 厚さcalibl																				
scnEDssd03_202111040257					p.86																	
		2:57:00	3:14:00	厚さcal用: 25点x測定30sec		0:17:00	PL 6K, Sor 500cps, PandS	1	4	0	0	1	PandS	R36	50u		IC2大	100u	var			SSD@Air2
scnEDssd03-				上流ED=ArKr用 #8 500um=IN で、下流ED=Xe用 var で測定																		
	1	2:57:51	2:58:16	scanED001 0.0 um		0:00:25																
	2	2:58:28	2:58:58	scanED002 48.6 um		0:00:30																
	3	2:59:10	2:59:40	scanED003 100.2 um		0:00:30																
	4	2:59:52	3:00:22	scanED004 25.0 um		0:00:30																
	5	3:00:34	3:01:04	scanED005 12.8 um		0:00:30																
	6	3:01:16	3:01:46	scanED006 100.8 um		0:00:30																
	7	3:01:58	3:02:28	scanED007 196.4 um		0:00:30																
	8	3:02:40	3:03:10	scanED008 245.0 um		0:00:30																
	9	3:03:22	3:03:52	scanED009 296.6 um		0:00:30																
	10	3:04:04	3:04:34	scanED010 221.4 um		0:00:30																
	11	3:04:46	3:05:16	scanED011 209.2 um		0:00:30																
	12	3:05:28	3:06:03	scanED012 297.2 um		0:00:35																
	13	3:06:15	3:06:46	scanED013 10.2 um		0:00:31																
	14	3:06:58	3:07:28	scanED014 58.8 um		0:00:30																
	15	3:07:40	3:08:10	scanED015 110.4 um		0:00:30																
	16	3:08:22	3:08:52	scanED016 35.2 um		0:00:30																

2111Kr

Run Summary Sheet : CAMAC & LabView

条件全て書くこと

Fname		start	stop	Header	Ender / Lo		Elapse	コメント	Att 100	10	5	3	2	Trig	Wob	AuF	Kap	IC1	PL1	ED	Air1	Air2	Det.Setup PL2,IC2,SSD
	17	3:09:04	3:09:34	scanED017 23.0 um			0:00:30																
	18	3:09:46	3:10:16	scanED018 111.0 um			0:00:30																
	19	3:10:28	3:10:58	scanED019 206.6 um			0:00:30																
	20	3:11:10	3:11:42	scanED020 255.2 um			0:00:32																
	21	3:11:54	3:12:24	scanED021 306.8 um			0:00:30																
	22	3:12:36	3:13:06	scanED022 231.6 um			0:00:30																
	23	3:13:18	3:13:48	scanED023 219.4 um			0:00:30																
	24	3:14:00	3:14:30	scanED024 307.4 um			0:00:30																
		scnEDic：PL厚さ測定(2)																					
scnEDic05_202111040349				scnEDic01再々chk PL1=100um	p.87			PL1 HV=Off, IC2小=IN PL2無し IC2大=400V IC2小=400V															
		3:49:00	4:24:00	50点 x 30sec			0:35:00	IC2大=8-9A IC2小=2.6-10A	0	2	0	0	1		R36	50u		IC2大	100u	var			IC2小
scnEDic06_202111040435				PL1=無し	p.88			IC2小なのでビーム強くした															
		4:35:00	5:04:00	54点 x 20sec			0:29:00		0	2	0	0	1		R36	50u		IC2大	無し	var			IC2小
scnEDic07_202111040512				PL1=Anu500um : AlMylarのみ	p.88																		
		5:12:00	5:41:00	54点 x 20sec			0:29:00		0	2	0	0	1		R36	50u		IC2大	AlMy	var			IC2小
scnEDic08_202111040549				PL1=25um	p.88																		
		5:49:00	6:15:00	49点 x 20sec			0:26:00		0	2	0	0	1		R36	50u		IC2大	25um	var			IC2小
scnEDic09_202111040622				PL1=500um	p.88																		
		5:12:00	5:41:00	52点 x 20sec			0:29:00		0	2	0	0	1		R36	50u		IC2大	500u	var			IC2小
scnEDic10_202111040654				PL1=500um ため増し	p.88																		
		6:54:00	7:00:00	54点 x 20sec			0:06:00		0	2	0	0	1		R36	50u		IC2大	500u	var			IC2小
scnEDic11_202111040709				PL1=500um で WobOFF	p.89																		
		7:09:00	7:24:00	途中でヤメ Au=IN だった			0:15:00	IC2大=2.7-7A IC2小=2.9-9A	1	1	0	0	0		OFF	50u		IC2大	500u	var			IC2小
scnEDic12_202111040728				PL1=500um で WobOFF Au無し	p.89																		
		7:28:00	7:50:00	51点 x 15sec			0:22:00	IC2大=3.8-8A IC2小=2.7-8A	2	0	0	0	0		OFF	無し		IC2大	500u	var			IC2小
scnEDic13_202111040754				同上 ため増し	p.89																		
		7:54:00	7:59:00	51点 x 15sec			0:05:00		2	0	0	0	0		OFF	無し		IC2大	500u	var			IC2小
		加速器E測定：タマキ、小山																					
		8:00:00	8:20:00	**E(Kr) = 69.2 MeV/u**	p.90																		
scnEDic14_202111040828				PL1=500um で WobOFF Au=73um	p.90																		
		8:28:00	8:39:00	26点 x 15sec			0:11:00	IC2大=4.4-7A IC2小=3.7-9A	1	0	0	1	1		OFF	73um		IC2大	500u	var			IC2小
21/11/04		8:40:00		**MT終了**																			
21/11/04	**実験後：**																						
aft-	1	10:07:58	10:27:28		p.91		0:19:30	SSD:Kr Gain															
以上。																							