2107C-MS1 (MS-EXP21-07)

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	PL2	Air1	Air2	Det.Setup PL2,IC2,SSD
	実験前				LogNote: E5exp(7)_															IC2			
bef-							*12C6+ 135MeV/u 32.6MHz Hyper-ECR 1pnA*																
21/06/29	1	16:15:21	16:40:52	SSD 2105 Ar-gain のママ	p.108																		
	実験中:Beam調整時																						
21/07/01		13:30:00		泉Grp終了、電源切替E5B->A ～2hr 必要																			
		ZnSスポット調整			p.141																		
Cap	1	15:56:00		R01_ZnS_Qmag, Z=0-300		mpg		0	2	1	0	3		×		50u	×	×	×		145	200	
	2			R02_ZnS@Au Focus																			
	3			R03_AZDハング																			
	4			R04_ZnS@Au=out, WobR=10,20,30,40 LightON			*Wob=C135で*	0	2	1	0	2											
	5			R05_ZnS@Au=out, Light=OFF, WobR=40,35,-,10																			
	6			R06_ZnS@AuなしでWobON																			
	7			R07_WobOFF,ZnS_out, Au20um_in				0	2	1	0	1											
	8			R08_Gaf01_Au20um																			
	9			R09_Gaf02oe03																			
	10			R10_Gaf04_Au121um																			
	11			R11_Gaf06_出口コリ																			
		Gaf焼き(1)		Gaf:: EBT3 □85x85mm @ Ysld	p.142																		
Gaf	1	17:30:00		Au 20u, R=0			5s	0	2	1	0	4											
	2			Au 20u, R=0			25s	1	1	1	0	4											
	3			Au 49u, R=0			45s																
	4			Au 112u本命, R=0			60s																
	5			Au 112u, R=35(C135)			60s																
	6			同上＋出口コリ□30x30			60s																
		回路調整			p.142																		
		18:00:00		PL1=3mm(new) PL2=500u(2105Ar使用)			PL1 Thr=309, Low900mV																
		PL HV(1:利用「前」)					PL1=PL2= 400cps	3	1	1	0	3	PorS(0)	R35	112u		○	3mm	0u	500u			
plhv01-	1	18:29:06	18:30:10	plhv01-01 700V		0:01:04	PL1=800V決定																
	2	18:30:36	18:31:33	plhv01-02 800V		0:00:57																	
	3	18:31:58	18:33:09	plhv01-03 900V		0:01:11																	
	4	18:33:40	18:34:50	plhv01-04 1000V		0:01:10																	
(new)		IC1-HV プラトー確認: 手動			p.143			1	2	0	0	2											
		18:55:00		20～200(通常)～350V			電流値はほぼフラット -> 通常値 200V でやる																
		scnEDic: ExpR 確認																					
scnEDic01_202107011910				30sec	p.143		IC1～IC2= 1.0-7A	0	2	1	0	2							var	IC2大			
		19:10:00	19:23:00	ラフスキャン		0:13:00																	
scnEDic02_202107011924				30sec	p.144																		
		19:24:00	19:56:00	本番 44/51点		0:32:00																	
		PL HV(2:重照射「後」)					PL1=PL2= 400cps	3	1	0	0	2	PorS(0)					3mm	0u	500u			
plhv02-	1	20:05:59	20:06:48	plhv02-01 700V		0:00:49	劣化少ない																
	2	20:07:15	20:09:31	plhv02-02 800V		0:02:16																	
	3	20:10:44	20:12:00	plhv02-03 900V		0:01:16																	
	4	20:12:28	20:14:58	plhv02-04 1000V		0:02:30																	
		scnAtt: IC1 vs PL1																					
scnAtt01_202107012039					p.142			1	1	0	0	3	～										IC2@Air2,X=0
		20:39:00	20:47:00	ビーム減らす方向で		0:08:00		3	1	0	0	2											
scnAtt02_202107012049																							
		20:49:00	21:00:00	ビーム増やす方向で		0:11:00																	
scnAtt03_202107012105																							
		21:05:00	21:18:00	十分下 100cps から増やす方向で		0:13:00																	
scnAtt03-																							
	1	21:06:31	21:07:00	scanAtt001 Mul 40000000		0:00:29	1/f=1/999～1/9 手動で変更																
	2	21:07:26	21:07:56	scanAtt002 Mul 400000000		0:00:30																	
	3	21:07:57	21:08:27	scanAtt003 Mul 20000000		0:00:30																	
	4	21:08:50	21:09:22	scanAtt004 Mul 8000000		0:00:32																	
	5	21:10:14	21:10:46	scanAtt005 Mul 4000000		0:00:32																	
	6	21:11:18	21:11:50	scanAtt006 Mul 2000000		0:00:32																	
	7	21:12:10	21:12:40	scanAtt007 Mul 800000		0:00:30																	
	8	21:13:27	21:13:58	scanAtt008 Mul 400000		0:00:31																	
	9	21:14:19	21:14:50	scanAtt009 Mul 20000000		0:00:31																	
	10	21:14:51	21:15:22	scanAtt010 Mul 200000		0:00:31																	
	11	21:15:46	21:16:18	scanAtt011 Mul 80000		0:00:32																	
	12	21:16:50	21:17:21	scanAtt012 Mul 40000		0:00:31																	
	13	21:17:54	21:18:28	scanAtt013 Mul 200000		0:00:34																	
	14	21:18:29	21:19:02	scanAtt014 Mul 20000		0:00:33																	
		神原測定					ED=128B=18422.8um																
		21:35:00	21:40:00	ED出口コリ無し 5min照射	p.147	0:05:00	FC5A1=9enA, IC1=1.09-6A	0	1	1	0	2					○	○	fix	無し			
		scnEDssd: ED厚さ較正用																					
scnEDssd01_202107012148					p.147																		
		21:48:00	22:04:00	3sec/点		0:16:00	PL 45K, Sor 1K cps	2	2	0	0	4	PandS						var				SSD@Air2
scnEDssd01-																							
	1	21:48:21	21:48:51	scanED001 2890.0 um		0:00:30																	
	2	21:49:03	21:49:33	scanED002 5194.0 um		0:00:30																	
	3	21:49:45	21:50:15	scanED003 8084.0 um		0:00:30																	
	4	21:50:27	21:50:57	scanED004 10314.0 um		0:00:30																	
	5	21:51:09	21:51:39	scanED005 13204.0 um		0:00:30																	
	6	21:51:51	21:52:21	scanED006 13208.5 um		0:00:30																	
	7	21:52:33	21:53:03	scanED007 13214.0 um		0:00:30																	
	8	21:53:15	21:53:45	scanED008 13228.8 um		0:00:30																	
	9	21:53:57	21:54:27	scanED009 13254.5 um		0:00:30																	
	10	21:54:39	21:55:09	scanED010 13303.8 um		0:00:30																	
	11	21:55:21	21:55:51	scanED011 13447.9 um		0:00:30																	
	12	21:56:03	21:56:34	scanED012 13684.5 um		0:00:31																	
	13	21:56:46	21:57:17	scanED013 14180.2 um		0:00:31																	
	14	21:57:29	21:57:59	scanED014 15508.0 um		0:00:30																	
	15	21:58:11	21:58:41	scanED015 15512.5 um		0:00:30																	
	16	21:58:53	21:59:23	scanED016 15518.0 um		0:00:30																	
	17	21:59:35	22:00:05	scanED017 15532.8 um		0:00:30																	
	18	22:00:17	22:00:47	scanED018 15558.5 um		0:00:30																	
	19	22:00:59	22:01:29	scanED019 15607.8 um		0:00:30																	
	20	22:01:41	22:02:11	scanED020 15751.9 um		0:00:30																	
	21	22:02:23	22:02:53	scanED021 15988.5 um		0:00:30																	
	22	22:03:05	22:03:35	scanED022 16484.2 um		0:00:30																	
	23	22:03:47	22:04:17	scanED023 18398.0 um		0:00:30																	
21/07/01		22:10:00		MT終了																			
aft-							*12C6+ 135MeV/u 32.6MHz Hyper-ECR 1pnA*																
21/07/01	1	22:42:26	23:24:22		p.147																		
以上。																							