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~moller/doc/runtemplate_new1.pdf

Strait beam

Left aperture det. was disconnected

Date	Begin time	End time	Crew				Comments	
05/05/10	9:15							

Energy	Linac	Injector	Pass	Wien Angle	HWP	open Slit	Attenuat	Raster
1063.12	503.25	56.62	1	-90, 20, -52.0	OUT	-0.98		2.25x4.5

Amps	Q1	Q2	Q3	Dipole
	13081(1.45/1.62)	0	3336(0.46)	303701

Quartet
8 wind.
30 Hz

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	11:35	2.5	14485	1	0	1.724/48.0	1396	Col = 30 mm Th = 40
2	11:36	2.5	14486	1	0		1396	280
3	11:43	2.5	14487	1	0		1397	Col = 35
4	12:03	2.5	14488	1	0	IRL TR	1398	Q1 = 13352
5	12:06	2.5	14489	1	0	IRL TR	1399	
6	12:08	2.5	14490	1	0	IRL TR	1400	
7	12:10	2.5	14491	1	0	IRL TR	1401	
8	12:11	2.5	14492	1	0	TR Left	1401	Reboot DAC crate
9	12:30	2.5	14493	1	0		1402	Cycle Q1 Coda crush
10	12:31	2.5	14494	1	0		1403	no Apb
11	Controlled access to fix Old DAC aperture counter						Q1 =	13081 Q2
12	12:35-12:38						Q1 =	
13	13:02	2.5	14495	1	0	TR Left	1403	
14							Q3 Cycle	
15	13:14	2.5	14496	1	0	Trigger Left	1404	
16		Turn solenoid on					1405	
17	13:38	2.5	14497	1	3.0	-92.25 ± 1.35	1405	left trigger
18	14:37	2.5	14498	2	3.0	-91.38 ± 1.09	1406	left trigger
19		Cycle Q1						
20	14:02	2.5	14499	1	3.0	-91.56 ± 0.94	1407	left trigger
21	14:12	2.5	14500	1	3.0	-89.2 ± 1.3	1408	left trigger
22	14:17	2.5	14501	1	3.0	-88.19 ± 1.3	1408	left trigger
23		Expert mode, duty factor 33%, 30 Hz						(1409) junk
24	14:34	2.5	14502	1	3.0	-91.79 ± 0.97	1410	left trigger
25	14:48	7.5	14503	1	3.0	-91.82 ± 0.56	1411, 1412	left trigger
26	14:58	7.5	14504	1	3.0	-89.76 ± 0.57	1413, 1414	left trigger

energy lock play a role!!!
1416

Energy feed back on

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Export

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments	
1	15:10	7.5	14505	1	+3	-89.18 ± 0.57	1417	left, energy locked	
2	15:17	7.5	14506			-90.13 ± 0.57	1418	left, energy locked	
3	15:26	7.5	14507				1419	left, energy locked.	
4			Export av. P = -89.91 ± 0.26					$\chi^2 = 1.4$	
5									
6	15:42	2.5	14508	1	+3	-90.47 ± 0.59		D. col = 35mm	
7	15:54	2.5	14509	1	3	-89.04 ± 0.56			
8	16:03	2.5	14510	1	3	-90.49 ± 0.56			
9	16:12	2.5	14511	1	3	-90.55 ± 0.56			
10						$\langle P \rangle = -90.12 \pm 0.26$ $\chi^2 = 2.1$			
11			T.3	2.280 / 66.0					
12	16:22	2.5	14512	1	3	-89.79 ± 0.66		Raster OFF	
13						2.280 / 66.0			
✓ 14	16:41	1.5	14513	3	3	helicity		Collimator = 15mm	
✓ 15	16:48	1.5	14514	3	3	helicity 120 Hz			
✓ 16	16:54	1.5	14515	3	3	-87.94 ± 0.71		delay = 40 → 8 junk	
1 17	17:02	1.5	14516	3	3	-91.53 ± 0.70	}		
2 18	17:11	1.2	14517	3	3	-92.60 ± 0.13		-91.34 ± 0.42 $\chi^2 = 1.36$	
3 19	17:17	1.3	14518	3	3	-90.61 ± 0.74			
1 20	17:26	1.3	14519	3	3	-91.19 ± 0.74	}	Raster OFF	
2 21	17:35	1.3	14520	3	3	-91.85 ± 0.74		-91.52 ± 0.48 $\chi^2 = 0.5$	
22						-91.42 ± 0.82	0.82	$\chi^2 = 0.8$	
23	17:49	1.3	14521	3	3	-90.51 ± 0.40		D Collimator = 35mm	
24	17:59	1.3	14522			-90.33 ± 0.40			
25	18:09	1.3	14523			-91.05 ± 0.40		-90.63 ± 0.21 $\chi^2 = 1.1$	
26				$P_s = -90.87 \pm 0.18$			$\chi^2 = 1.4$	Collimator 15mm	
27								T.4 2.554 / 75.0	
28	18:29	0.6	14524	4	3	-91.80 ± 0.68			
29	18:41	0.6	14525	4	3	-91.21 ± 0.63			
30	18:54	0.6	14526	4	3	-92.68 ± 0.65			
								$P = -91.88 \pm 0.35$ $\chi^2 = 1.5$	