

Mike

~moller/doc/runtemplate_new1.pdf

Strait beam

7047

flipper change

tunning 25mi

Date	Begin time	End time	Crew				Comments	
05/08/10	18:40		Roman, Sasha, Ahmed					
Energy	Linac	Injector	Pass	Wien Angle	HWP	Slit	Attenuat	Raster
1063.12	503.25	56.62	1	-52	OUT			2.25x4.5
		Q1	Q2	Q3	Dipole			
Amps		13081	0	3336	303701			

30Hz
8 delay
Quartz

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	19:15	2.4	14530	1	0	Q1=15788	1.76nG	1.726/48.00
2						Q1=14886	1.65	Cycle Q1 (not requested)
3	20:04	2.3	14531	1	0	Q1=14886	1.65	
4	20:08	2.3	14532	1	0	Q1=13984	1.55	
5	20:10	2.3	14533	1	0	Q1=13532	1.50	
6	20:12	2.3	14534	1	0	Q1=13081	1.45	
7	20:14	2.3	14535	1	0	Q1=12630	1.40	
8	20:16	2.3	14536	1	0	Q1=12179	1.35	
9	20:18	2.3	14537	1	0	Q1=11728	1.30	
10						Cycle Q1		
11	20:46	2.3	14538	1	0	Q1=15788	1.75	
12	20:48	2.2	14539	ramp		M. magnet up		tune beam ! 0 → 2.31
13	21:01	2.2	14540	1		M. ramp up		tune beam
14	21:09	2.3	14541	1	3	Q1=15788	1.75nG	
15	21:13	2.3	14542	1	3	Q1=13984	1.55	tune + CW (junk)
16	21:14	2.3	14543	1	3	Q1=13984	1.55	
17	21:18	2.3	14544	1	3	Q1=13081	1.45nG	89.45 ± 0.63
18	21:27	2.3	14545	1	3	91.21 ± 0.63		
19	21:37	2.3	14546	1	3	91.23 ± 0.64		1.761/48.890
20	21:46	2.3	14547	1	3	90.43 ± 0.64		
21						P ₁ = 90.56 ± 0.29	χ ₂ = 2.2	
22								
23	21:58	2.6	14548	2	3	90.42 ± 0.58		2.005/57.00
24	22:06	2.6	14549	2	3	90.31 ± 0.60		
25	22:17	2.6	14550	2	3	89.04 ± 0.64		2.032/58.0
26	22:24	2.6	14551	2	3	89.64 ± 0.64		

$$P_2 = 89.89 \pm 0.28 \quad \chi^2 = 1.4$$

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N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	22:34	1.6	14552	3	3	91.84 ± 0.44		2.278/66.0
2	22:42	1.6	14553	3	3	91.48 ± 0.52		
3	22:48	1.4	14554	3	3	89.63 ± 0.58 edge		2.308/67.0 ✓
4	22:55	1.4	14555	3	3	91.02 ± 0.57		2.291/66.0
5	23:02	1.4	14556	3	3	91.25 ± 0.57		
6						$P_3 = 91.36 \pm 0.24 \quad \chi^2 = 0.25$		
7								
8	23:10	0.35	14557	4	3	91.41 ± 0.57		2.882/75.0
9	23:17	0.35	14558	4	3	92.11 ± 0.60		
10	23:23	0.35	14559	4	3	92.31 ± 0.67		2.564/75.5
11	23:32	0.35	14560	4	3	92.50 ± 0.56		
12						$P_4 = 92.06 \pm 0.27 \quad \chi^2 = 0.8$		
13								
14						$P_{1-4} = 91.01 \pm 0.13 \quad \chi^2 = 3.3$		
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