

Target commissioning

Date	Begin time	End time	Crew	Comments
04/03/16	10:15		Jixie, Roman, Sasha	

Energy	Linac	Injector	Pass	Wien Angle	HWP	Slit	Attenuat	Raster
1063.12	S03 25	S6.62		-89	IN	28	90	2.25x4.5 MC

	Q1	Q2	Q3	Dipole
Amps	82.82	1.33	21.49	68.00

1x1 mm
Moller target

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	10:55		Setting is done					
2	11:00		turn magnet on					
3			helicity		30 Hz	Quartet		2w delay
4						Target 1		1.726 / 48.00
5	12:12	3	14235	1	+3T			Thz=300
6	12:17	3	14236	1	3			Thz=250
7	12:20		14237					Thz=200
8	12:27	3	14238					Thz=240
9	12:37	3	14239					
10	12:47	3	14240	1		80.97 ± 0.81		Thz=250
11	12:53	3	14241	1	3T	82.15 ± .80		
12	12:59	3	14242	1		82.27 ± 0.82		
13								
14	13:13	3	14243	1		81.81 ± 0.62		1h 20 m
15	13:28	3	14244	1		80.60 ± 0.61		
16	13:36	3	14245	1		79.82 ± 0.60		
17	13:45	3	14246	1		83.45 ± 1.62		
18	13:51	3	14247	1		80.96 ± 0.65		
19	14:02	3	14248	1		80.91 ± 0.60		80.83 ± 0.22
20	14:09	3	14249	1		89.51 ± 0.59		
21								
22								
23	14:22	3	14250	2	3T	81.25 ± 0.46		2.007 / 57.00
24	14:35	3	14251	2		81.47 ± 0.46		
25	14:48	3	14252	2		81.77 ± 0.46		
26	15:01	3	14253	2		81.29 ± 0.46		

~moller/doc/runtemplate_new2.pdf

14233

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization	FADC	Comments
15	15:13	3	14254	2		80.94 ± 0.46 81.29 ± 0.46		
26	15:25	3	14255	2	3T	81.37 ± 0.46		81.48 ± 0.19
3								
4								
51	15:42	1	14256	4	3T	81.61 ± 0.50		2.552 / 75.00
6	15:47	0.6	14257	4		81.87 ± 0.56		A 91 84 ± 20
7	15:52	0.6	14258	4		82.85 ± 0.56		82.08 ± 0.27
8	15:57	0.6	14259	4		82.11 ± 0.56		
9	16:03	0.4	14260	4		82.17 ± 0.67		82.09 ± 0.23
10	16:00	0.4	14261	4		82.08 ± 0.64		30 min
11								
12)	16:20	1.5	14262	3	3T	82.82 ± 0.46		66.0 2.278
13)	16:28	1.5	14263	3		81.88 ± 0.46		
14)	16:36	1.5	14264			80.62 ± 0.46		81.53 ± 0.4
15)	16:44	1.5	14265			82.14 ± 0.47		± 0.5
16)	16:52	1.5	14266			81.95 ± 0.47		
17)	17:00	1.5	14267			81.71 ± 0.47		81.77 ± 0.19
18)	17:10	1.5	14268			81.19 ± 0.47		40 min
19)	17:18	1.5	14269			81.67 ± 0.47		81.68 ± 0.17
20								
21)	17:39	1.5	14270	3	3.5T	82.11 ± 0.036		3.5T
22)	17:55	1.5	14271	3	3.5	81.18 ± 0.35		
23)	18:09	1.5	14272	3	3.5	81.26 ± 0.35		81.48 ± 0.18
24)	18:23	1.5	14273	3	3.5	81.42 ± 0.35		
25								2.8T
26)	19:04	1.5	14274	3	2.8	81.47 ± 0.33		
27)	20:07	1.5	14275	3		81.27 ± 0.34		81.28 ± 0.17
28)	20:20	1.5	14276	3	2.8	81.22 ± 0.34		
29)	20:33	1.5	14277	3	2.8	81.14 ± 0.34		
30								

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	21:25	1.5	14278	3	2T	74.93 ± 0.34		2T
2	21:38	1.5	14279	3	2.0T	74.76 ± 0.34		
3	21:52	1.5	14280	3	2T	75.01 ± 0.34		74.87 ± 0.17
4	22:04	1.5	14281	3	2T	75.20 ± 0.36		
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