

beam through Compton!

3042
Quarter
No delay

Date	Begin time	End time	Crew	Comments
04/19/16	16:00	21:30	Roma, Sasha	

Energy	Linac	Injector	Pass	Wien Angle	HWP	Slit	Attenuat	Raster
10982	1090	123	5	-13.2/0/0	IN, Rot=DN			ON

10991	Q1	Q2	Q3	Q4	Dipole
Amps	-295.4/-46256	-298.7/-50474	+84.0/13922	297.4/42569	440/1964900

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1				#3	+3T	10982 MeV		adc = 9 thr = 40
2	18:11	1.5	16038					1.254/117.483
3	18:17	1.5	16039					
4	18:23	1.5	16040					adc = 2 thr = 180
5	18:27	1.5	16041					thr = 200
6	18:30	1.5	16042					TR = Right
7	18:33	1.5	16043					TR = Right thr = 240
8	18:35	1.5	16044					thr = 220
9	18:37	1.5	16045					thr = 240
10	18:41	1.5	16046					thr = 240 TR = Left
11	18:43	1.5	16047			88.94 ± 0.61		LG 3478 Ap 48 OFF
12	18:49	1.5	16048			89.00 ± 0.57		
13	18:52	1.5	16049			88.77 ± 0.57		All HV ON All HW ON
14	18:55	1.5	16050			89.13 ± 0.56		All HV ON
15	18:58	1.5	16051			89.41 ± 0.58		LG 3478 Ap 48 OFF
16	19:02	1.5	16052			89.68 ± 0.57		
17	19:06	1.5	16053			89.14 ± 0.57		Par = 89.15 ± 0.21
18	19:15	(0.3)	16054			88.84 ± 0.16		$\chi^2 = 0.3$
19	19:22	1.5	16055					dt = 0.59 junk
20	19:23	1.5	16056					junk
21	19:26	1.5	16057					dt = 0.26%
22	19:27	1.5	16058					dt = 0.42%
23	19:28	1.5	16059					dt = 0.52
24	19:38	1.5	16060					dt = 0.07
25	19:33	1.4	16061					dt = 0.40
26								

2860

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	19:37	1.5	16062	#3	3T	88.80 ± 0.45		Q4 = 251.9 / 38675.
2	19:47	1.5	16063			89.46 ± 0.40		
3	19:53	1.5	16064			89.50 ± 0.41		
4	20:00	1.5	16065			89.00 ± 0.43		all HW ON
5						P _{av} = 89.22 ± 0.21		χ² = 0.7
6						88.01 ± 0.59		
7	20:11	1.5	16066			88.76 ± 0.43		Q4 = 216.2 / 34458
8	20:19	1.5	16067			86.63 ± 0.61		
9	20:29	1.5	16068			88.80 ± 0.60		LG 34 78 Ap 48 OFF
10	20:36	1.5	16069			88.11 ± 0.56		
11	20:44	1.5	16070			88.20 ± 1.24		P_{av} = 87.91 χ² = 2.3
12								
13							87.92 ± 0.29	
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								