

Jixie

Date	Energy	Pass	Wien	Raster	Target	Att = 155 Plat = 14
5/4/2012	2.25365	2	90/-91.947 -60.85	NO	#2 HWP=out, pas=in	

	Q1	Q2	Q3	D
Bdl				642611.3 18382.766
Gl	18392.766	0	7649.150	18382.766
A	106.87	1.332	47.25	143.9

Chan	HV set	Chan	HV set	Chan	HV set
1	-1575	5	-1630	ApL	-860 -870
2	-1700	6	-1520	ApR	-770 -770
3	-1955	7	-1635		-755 -780
4	-1815	8	-1735		-810 -800

N	Time	I _b , uk current	Run Number	Thresh mV,	Trigger	Hcoil Sign	Polarization %	Comments
1	9:20							Start to prepare.
2	10:40							ready to do measurement.
3								
4	10:42	100 nA	15382	247	100K	-8	85.01	Wien = -60.85, HWP=out pas=in
5	10:45	100 nA	15383		134K	-8	81.71	
6	10:50		15384			-8	82.20	
7	10:53		15385			-8	83.02	
8	10:57		15386				84.08	
9	10:59		15387				84.11	
10	11:06		15388				82.83	Wien = -60.85 HWP=out, pas=in
11	11:09		15389				81.48	
12	11:15		15390				79.19	
13	11:19		15391				80.52	
14	11:28		15392				82.20	
15	11:26		15393				84.44	
16	11:41		15394	Junk, no beam				Wien = -75 HWP=out, pas=in
17	11:45		15395				86.40	
18	11:49		15396				85.84	
19	11:52		15397				86.87	
20	11:55		15398				85.10	
21	11:58		15399				84.67	
22	12:02		15400				86.05	
	12:07		15401				88.74	

$$\langle P_h \rangle = -86.017 \pm 0.557$$

N	Time	I_b , μ k current	Run Number	Thresh mV,	Trigger	Hcoil Sign	Polarization %	Comments
23	12:19	100nA	15402				43.73	wien = -20 HWP = out, pas = IN
24	12:22		15403				46.20	
25	12:24		15404				44.25	
26	12:26		15405				42.72	
27	12:31		15406			-8	41.80	
28	12:35		15407				44.23	beam tripped at mottle
29	12:38		15408				43.47	
30			$\langle P_b \rangle = -43.61\% \pm 0.51\%$					
31	12:56		15409			+8	16.41	wien = +20 HWP = out, pas = IN
32	12:59		15410			-8	15.88	
33	13:00		15411			+8	17.00	
34	13:04		15412			-8	18.43	
35	13:07		15413			+8	17.01	
36	13:10		15414			-8	18.24	
37	13:13		15415			+8	15.41	
38	13:16		15416			-8	17.72	
39	13:20		15417					beam ended earlier
40			$\langle P_b \rangle = +17.06\% \pm 0.52\%$					
41	13:44		15418	(Junk)		+8		wien = -60.2
42	13:48		15419			-8	79.08	HWP = IN, pas = OUT
43	13:49		15420			+8	78.53	
44	13:58		15421			-8	79.63	
45	14:01		15422			+8	80.18	
46	14:04		15423			-8	79.86	
47	14:07		15424			+8	81.78	
48	14:10		15425			-8	80.75	
49	14:16		15426			+8	82.14	
50	14:20		15427			-8	76.73	
	14:26		15428			+8	79.05	
	14:29		15429			-8	82.26	
	14:31		15430			+8	79.27	

$$\langle P_b \rangle = 79.98\% \pm 0.45\%$$

N	Time	I _b , μ A current	Run Number	Thresh mV,	Trigger	Hcoil Sign	Polarization %	Comments
23	14:38	HallC 4.4 μ A	15431			-8	63.05	Bleed thru.
24	14:42	4.4 μ A	15432			+8	6.76.	HallA laser off
25	14:46		15433			-8	14.83	still = -1
26	14:49		15434			+8	33.64.	
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