

01/31/2012

N	Time	I _b , uk current	Run Number	Thresh mV,	Trigger	Hcoil Sign	Polarization %	Comments	
23			beam	charge asymmetry test				30 Hz	
24		runs	15090	-18095		no	BCAN signal	↓ RMS ↓	
25			15098			+	$0.2825 \cdot 10^{-5}$	RMS $0.4590 \cdot 10^{-4}$	
26			15097			-	$0.8756 \cdot 10^{-5}$	$0.4013 \cdot 10^{-4}$	
27			15098			-	$0.1735 \cdot 10^{-5}$	$0.5791 \cdot 10^{-4}$	
28			15099			-	$0.5367 \cdot 10^{-5}$	$0.5414 \cdot 10^{-4}$	
29				no Asymmetry aver = $-0.1362 \cdot 10^{-5}$					$0.5011 \cdot 10^{-4}$
30		asym 1	15100			+	$0.1888 \cdot 10^{-2}$	$0.8219 \cdot 10^{-4}$	
31			15101			+	$0.1887 \cdot 10^{-2}$	$0.9562 \cdot 10^{-4}$	
32			15102			+	$0.1891 \cdot 10^{-2}$	$0.7364 \cdot 10^{-4}$	
33			aver =				$+0.1889 \cdot 10^{-2}$	$0.8198 \cdot 10^{-4}$	
34		asym 2	15103			-	$0.1888 \cdot 10^{-2}$	$0.8049 \cdot 10^{-4}$	
35			15104			-	$0.1888 \cdot 10^{-2}$	$0.1033 \cdot 10^{-3}$	
36			15105			-	$0.1893 \cdot 10^{-2}$	$0.6513 \cdot 10^{-4}$	
37			aver =				$-0.1890 \cdot 10^{-2}$	$0.8126 \cdot 10^{-4}$	
38		asym 3	15106			+	$0.7539 \cdot 10^{-2}$	$0.1401 \cdot 10^{-3}$	
39			15107			+	$0.7528 \cdot 10^{-2}$	$0.2495 \cdot 10^{-3}$	
40			aver =				$+0.7532 \cdot 10^{-2}$	$0.2162 \cdot 10^{-3}$	
41			15108			-	$0.7515 \cdot 10^{-2}$	$0.3764 \cdot 10^{-3}$	
42			Helicity		1 kHz				
43		asym 4	15109			-	$0.7526 \cdot 10^{-2}$	$0.9907 \cdot 10^{-3}$	
44			15110			-	$0.7525 \cdot 10^{-2}$	$0.1052 \cdot 10^{-2}$	
45			aver =				$-0.7526 \cdot 10^{-2}$	$0.1022 \cdot 10^{-2}$	
46			15111			+	$0.7540 \cdot 10^{-2}$	$0.9764 \cdot 10^{-3}$	
47			15112			+	$0.2309 \cdot 10^{-3}$	$0.9755 \cdot 10^{-3}$	
48			15113			+	$0.2395 \cdot 10^{-3}$	$0.9434 \cdot 10^{-3}$	
49			15114			+	$0.2405 \cdot 10^{-3}$	$0.8970 \cdot 10^{-3}$	
50			15115	empty		+	$0.2435 \cdot 10^{-3}$	$0.9605 \cdot 10^{-3}$	
			15116			+	$0.2435 \cdot 10^{-3}$	$0.9605 \cdot 10^{-3}$	
			15117			+	$0.2429 \cdot 10^{-3}$	$0.9419 \cdot 10^{-3}$	
			15118			+	$0.2410 \cdot 10^{-3}$	$0.9293 \cdot 10^{-3}$	
			15119			+	$0.2514 \cdot 10^{-3}$	$0.8782 \cdot 10^{-3}$	

aver $+0.2417 \cdot 10^{-3}$