

RIGHT-ARM ONLY on this page: A_y Production Run Sheet

Date:	Author: <i>hari</i>
Beam Energy: GeV	Using Pol ^3He cell: Y/N, Long. Tran. or Vertical ?
Right HRS momentum (GeV/c): angle : 17° never moved. Sieve plate: IN or OUT ?	BigBite (not in use for A_y) current (A) : 518 A polarity: positive angle : never moved.

Run Number	start time	stop time	target	beam (μA)	# of events	dead time	comments Happex run-#T1, T2 rates, etc.	replay OK ?
20964 → 20964 20964	22:00	22:45	3He	5.5	4M	14	2000/117	✓
20965	22:50		"	"		14	1440/102	✓
20966	23:45	0:28	3He	4.3M	4.3	14	2025/109	✓
20967	0:29	1:11	3He	5.5M	4.02	14	1952/107	✓
20968	1:12	1:57	3He	5.5M	4.03	14	1995/108	✓
20969	1:58	2:40	3He	5.5M	4.01	14	1976/106	✓
20970	2:52	3:20	3He	5.5M	4.01	14	2008/109	✓
20971	3:23	4:05	3He	5.5M	4.02	14	2001/108	✓
20972	4:50	5:44	3He	5.5M		14	1995/110	✓
20973	4:50	6:10	3He	5.5M	1.8	14	1921/110	✓
20974	6:12	6:59	3He	5.5M	4.4	14	1981/108	✓
20975	6:59	7:40	3He	5.5M	4.0	15	1903/83	✓

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20977	7:41	8:28	^3He	5.5	4M	14	2011/107 Hz	✓
20978	8:30		^3He	5.5	1.18M	15	1999/1130 Hz	✓
20979	8:48	9:36	^3He	5.5	4M	15	192/104 Hz	✓
20980	10:04	10:37	^3He	5.5	1.8M	14	200/1052 Hz	✓
20981							Junk	
20982	10:46	11:36	^3He	5.5	4M	15	1947/1033 Hz	✓
20983	12:34	12:47	"	10	862k	3		
20984	12:49	12:57	"	10	655M	3		
20985	12:59	13:10	"	10		4		
20986	13:10	13:23	"	10	666k	4		
20987			Junk					

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Beam Energy: GeV	Using Pol ^3He cell: Y/N, Long. Tran. or Vertical ?
Left HRS momentum (GeV/c) : polarity: "-" angle : 17° never moved. Sieve plate: IN or OUT ?	BigBite (not in use for A_y) current (A) : 518 A polarity: positive angle : never moved.

Run Number	start time	stop time	target	beam (μA)	# of events	dead time	comments Happex run-#, T3, T4 rates, etc.	replay OK ?
2094	17:27	17:07	C	5.5	5M	17	T3 = 6 kHz, T4 = 128 Hz BB ON	✓
2095	18:17	17:55	^3He	5.5	4M	14		✓
2096	18:58	14:40	^3He	5.5	5M	14		✓
2097	19:42	20:09	"	"	2.4M	14		✓
2098	20:13	20:58	"	"	5M	14		✓
2099	21:00	21:43	"	"	5M	14		✓
2100	21:44	22:39	"	"	4.9M	14	2500/61	✓
2105	7:24	8:08	"	"	5M	14	2500/61 Left only. R-VDC off BB on	
2106	8:10	8:32	"	"	2.36M	14	31358, 2.5 kHz/61 Left only. R-VDC off BB on	
2107	8:47						Cosmics	

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Run Number	start time	stop time	target	beam (μA)	# of events	dead time	comments Happex run-#T1, T2 rates, etc.	replay OK ?
20988	13:27	13:36	^3He	10	659k	4		
20989	13:37	13:44	"	10		4		
20990	13:45	13:54	"	10	743k	3		
20991	13:55	14:04	"	10	747k	3		
20992	14:10	14:18	"	10	743k	3	$T_1: 3.5e3$ $T_2: 2.0e2$	
20993	14:20	14:38	"	"	788k	3		
20994	14:38	14:48	"	"	784k	2		
20995	14:55	15:38	^3He	5.5	4M	15	2D15/113	✓
20996	15:49	16:27	C	5.5		2		✓
20997	16:32	16:33	C				Junk	
20998	16:34	17:07	C	5.5	3M	2		✓
20999	17:09	17:20	C	5.5	928k	1	Raster off	✓

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Date: <u>5/12/09</u>	Author: <u>Xiaoyan Dang</u>
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Run Number	start time	stop time	target	beam (μA)	# of events	dead time	comments Happex run-#, T3, T4 rates, etc.	replay OK ?
2136	20:40	20:43	multi carbon	5	637452	42.51% 42.51%	production	✓
2138	20:50	21:00	multi carbon multi carbon	5	1.5M	19.65%	production	.
2141	21:32	22:12	multi carbon multi carbon	5	1.1M	20%	BB check out on D2	✓
2142	22:17	22:19	multi carbon multi carbon	5	60k	20%	BB check out on D2	✓
2143	22:21	22:22	"..	5	60k	20%	--	✓
2144	22:24	22:26	--	5	60k	20%	--	✓
2145	22:28	22:30	..	5	60k	20%	--	✓
2146	22:31	22:33	..	5	60k	20%	--	✓
2147	22:35	22:39	--	5	60k	20%	--	✓
2148	22:41	22:43	--	5	60k	20%	--	✓
2149	22:45	22:46	..	5	60k	20%	--	✓
2150	22:48		..	5	0.9M	20%	--	✓

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21000	17:26	18:08	C	5.5	3M	2	BR ON	✓
21001	18:16	19:56	^3He	5.5	1.9M	2		✓
21002	18:57	19:40	^3He	5.5	4M	14		✓
21003	19:41	20:09	"	"	1.9M	14		✓
21004	20:13	20:59	"	"	4M	15		✓
21005	20:59	21:43	"	"	4M	15		✓
21006	21:43	22:39	"	"	3.9M	15		✓
21009	08:47						(COSMIC)	

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21056	20:44	20:56	Optics BeO	5	3M.	24.6%	production	
21058	21:06	21:18	multi Carbon	5	0.6M	6%	production.	
21059	21:22	22:44	multi Carbon	5	4.6M	5%	production	✓
21060	22:47		multi Carbon	5		6%	production	✓

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