

RIGHT-ARM ONLY on this page: A_x , A_z Production Run Sheet

Date: 5/21/09	Author: Brad Schoenrock
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="checkbox"/> N, Long, <input checked="" type="checkbox"/> Tran, or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.224	Polarity: "-" Current (A): 515 Polarity: Positive
Angle: 16 Sieve Plate: IN or <input checked="" type="checkbox"/> OUT?	Angle: 75

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21461	21:15	21:41	$^3\vec{\text{He}}$	10	4.25M	17		✓
21462	21:42	21:07	$^3\vec{\text{He}}$	10	4.25M	17		✓
21463	21:08	22:43	$^3\vec{\text{He}}$	10	5.53M	17	Bad dead time on left	
21464	22:59	23:29	$^3\vec{\text{He}}$	10	4.28M	17		✓
21465	23:29	23:56	$^3\vec{\text{He}}$	10	4.27M	17		✓
21466	23:57	00:23	$^3\vec{\text{He}}$	10	4.26M	16		✓
21467	00:23	00:50	$^3\vec{\text{He}}$	10	4.27M	17		✓
21468	00:51	01:18	$^3\vec{\text{He}}$	10	4.27M	16		✓
21469	01:19	01:46	$^3\vec{\text{He}}$	10	4.27M	17		✓
21470	01:46	02:12	$^3\vec{\text{He}}$	10	4.27M	17		✓

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Date: 5-22-2009	Author: Salvatore P. Melloni
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> N, Long, <input checked="" type="radio"/> Tran, or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277	Polarity: "-" Current (A): 515
Angle: 14.5	Sieve Plate: IN or <input checked="" type="radio"/> OUT? Angle: 75°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2569	0213	0238	$^3\bar{\text{He}}$	10	411	7		✓
2570	0240	0306	$^3\bar{\text{He}}$	10	417	7	10	
2571	0307	0333	$^3\bar{\text{He}}$	10	417	7		✓
2572	0334	0400	$^3\bar{\text{He}}$	10	417	7		
2573	0402	0427	$^3\bar{\text{He}}$	10	417	7		✓
2574	0429	0456	$^3\bar{\text{He}}$	10	417	7		
2575	0513	0544	$^3\bar{\text{He}}$	10	417	6		✓
2576	0546	0612	$^3\bar{\text{He}}$	10	417	6		✓
2577	0613	0639	$^3\bar{\text{He}}$	10	417	6		✓
2578	0641	0708	$^3\bar{\text{He}}$	10	411	6		
2579	0708	0739	$^3\bar{\text{He}}$	10	417	7		✓
2580	0740	0816	$^3\bar{\text{He}}$	10	2.9	7	End early due to TSO fail	✓

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Date: 5-22-2009	Author: Salvatore Frullone
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> N, Long, <input checked="" type="radio"/> (Tran), or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.224	Polarity: "-" Current (A): 515
Angle: 16.	Sieve Plate: IN or <input checked="" type="radio"/> (OUT)? Angle: 75°
	Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21471	0213	0238	$^3\bar{\text{He}}$	10	4.227	17		✓
21472	0239	0306	$^3\bar{\text{He}}$	10	4.277	17		
21473	0307	0333	$^3\bar{\text{He}}$	10	4.277	17		✓
21474	0334	0401	$^3\bar{\text{He}}$	10	4.257	17		
21475	0402	0428	$^3\bar{\text{He}}$	10	4.307	17		✓
21476	0428	0456	$^3\bar{\text{He}}$	10	4.337	17		
21477	0512	0545	$^3\bar{\text{He}}$	10	4.167	17		✓
21478	0545	0612	$^3\bar{\text{He}}$	10	4.267	17		✓
21479	0613	0640	$^3\bar{\text{He}}$	10	4.287	16		✓
21480	0641	0708	$^3\bar{\text{He}}$	10	4.277	16		
21481	0708	0740	$^3\bar{\text{He}}$	10	4.57	17		✓
21482	0740	0818	$^3\bar{\text{He}}$	10	4.1	16	End early due to L-HRS TSO fault	✓

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Date: 5/22/2009	Author: William T. Nyman
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> N, Long, <input checked="" type="radio"/> Tran, or Vertical
LHRS Momentum (GeV/c): 2.277 Angle: 14.5°	BigBite Current (A): 515 Polarity: Positive Sieve Plate: IN or <input checked="" type="radio"/> OUT? Angle: 25°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
→ 2581	0822						Junk	<input checked="" type="checkbox"/>
2582	0832 0826	0842	^3He	10	2.8	6	End Early Due to L-HRS DAQ	<input checked="" type="checkbox"/>
2583	0848	0904	^3He	10	2.8	6	Early End Extended Beamloss	<input checked="" type="checkbox"/>
2584	1004	1028	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2585	1028	1055	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2586	1057	1057 1126	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2587	1135	1202	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2588	1203	1232	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2589	1233	1300	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2590	1302	1329	^3He	10	4.0	7	NMR Run Prior.	<input checked="" type="checkbox"/>
2591	1330	1359	^3He	10	4.0	7	ROL Sync Issue 9,	<input checked="" type="checkbox"/>

sync
→ 21498
→ 21492

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More Comments:

Run 2582 looks good. - TS died.

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Date: 5/22/2009	Author: William Tirmann
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RHRS	BigBite
Momentum (GeV/c): 2.224 Polarity: "-"	Current (A): 515 Polarity: Positive
Angle: 16.0° Sieve Plate: IN or <input checked="" type="radio"/> OUT	Angle: 75°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21483	0822						Junk	X
21484	0826	0842	³ He	10	~3	17	End early due to L-HRS DAQ	✓
21485	0848	0904	³ He	10	3.1	17	Early End due to extended Beam loss	✓
21486	1004	1026	³ He	10	4.3	17		✓
21487	1028	1055	³ He	10	4.3	17		✓
21488	1056	1126	³ He	10	4.2	17	*	✓
21489					Junk		Reboot ROL, LODA	X
21490	1135	1202	³ He	10	4.3	17		✓
21491	1203	1232	³ He	10	4.3	17		✓
21492	1233	1300	³ He	10	4.3	17		✓
21493	1302	1329	³ He	10	4.3	17	NMR Run just prior	✓
21494	1330		³ He	10	4.3	17		✓

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More Comments:

Run 21484 looks good despite TS issue during end
 * Run 21488 R-HRS TS (FRI) locked up at end.

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LHRS	BigBite
Momentum (GeV/c): 2.277 Polarity: "-"	Current (A): 515 Polarity: Positive
Angle: 14.5° Sieve Plate: IN or <input checked="" type="radio"/> OUT?	Angle: 75°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2592	1400	1429	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2593	1430	1458	^3He	10	4.0	6		<input checked="" type="checkbox"/>
2594	1459	1530	^3He	10	4.0	7		<input checked="" type="checkbox"/>
2595	1932	1601	^3He	10	4.0	7		<input checked="" type="checkbox"/>

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RHRS	BigBite
Momentum (GeV/c): 2.224	Polarity: "-" Current (A): 515
Angle: 16 16° Sieve Plate: IN or <input checked="" type="radio"/> OUT?	Angle: 75° Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21495	1400	1429	^3He	10	4.3	17		<input checked="" type="checkbox"/>
21496	1430	1458	^3He	10	4.3	17		<input checked="" type="checkbox"/>
21497	1459	1530	^3He	10	4.3	17		<input checked="" type="checkbox"/>
21498	1532	1601	^3He	10	4.3	17		<input checked="" type="checkbox"/>

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LHRS	BigBite
Momentum (GeV/c): 2.277	Polarity: "-"
Angle: 14.5	Sieve Plate: IN or <input checked="" type="checkbox"/> OUT?
	Current (A): 515
	Polarity: Positive
	Angle: 75°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2596	16:03	16:31	^3He	10	4M	6		✓
2597	16:32	16:59	^3He	10	4M	6		✓
2598	17:00	17:30	^3He	10	4M	6		✓
2599	17:31	17:58	^3He	10	4M	6		✓
2600	18:15	18:24	^3He	10	28M	7	stopped short for Hall work	
2601	19:45	20:42	^3He	0	99K		TEST run	
2602	20:46	21:48	^3He	0	65K		cosmic	
2603	22:37	22:45	^3He	2	273K		check out	
2604	22:58	23:06	^3He	2	252K		check out 6x6 raster	
2605	23:08	23:14	^3He	2	198K		check out 2x2 raster	
2606	23:16	23:28	^3He	2	425K		check out 4x4 raster	
2607	23:33	00:15	OPTICS	2	4M			

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