

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

Date: 5/24/09	Author: Brad Schoenrock
Beam Energy: 2.425 GeV	Using Pol ³ He Cell: <input checked="" type="checkbox"/> N, Long, <input checked="" type="checkbox"/> Tran, or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.2248 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?
21597	15:19	15:46	³ He	10	4.27M	17		✓
21598	15:46	16:14	³ He	10	4.27M	17		✓
21599	16:18	16:45	³ He	10	4.27M	17		✓
21600	16:46	17:15	³ He	10	4.27M	17		✓
21601	17:16	17:42	³ He	10	4.26M	16		✓
21602	17:43	18:13	³ He	10	4.27M	16		✓
21603	18:14	18:28	³ He	10		17	Early end in Target Spin Flip (+)	
21604	18:36	19:04	³ He	10	4.28M			✓
21605	19:05	19:33	³ He	10	4.33M	17		✓
21606	19:34	20:01	³ He	10	4.27M	17		✓
21607	20:02	20:37	³ He	10	4.28M	17		✓
21608	20:38	21:05	³ He	10	4.27M	17		✓

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Date: 5/24/2009	Author: John Watson
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="checkbox"/> N, Long <input checked="" type="checkbox"/> Tran or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277	Current (A): 515
Angle: 14.50	Polarity: "-"
Sieve Plate: IN or <input checked="" type="checkbox"/> OUT	Polarity: Positive
	Angle: 75°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2705	21:06		^3He	10	4M	7		✓
2706	21:35	22:01	^3He	10	4M	6		✓
2707	22:03	22:30	^3He	10	4M	7		✓
2708	22:35	22:58	^3He	10	4M	7		✓
2709	22:59	23:25	^3He	10	4M	7		✓
2710	23:27	23:52	^3He	10	4M	7		✓
2711	23:54	00:19	^3He	10	4M	7		✓
2712	00:21	00:49	^3He	10	4M	7		✓
2713	00:49	01:17	^3He	10	4M	6		✓
2714	01:18	01:44	^3He	10	4M	7		✓
2715	01:45		^3He	10			JUNK	
2716	01:49	02:17	^3He	10	4M	6		

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Date: 5/24/2009	Author: John Watson
Beam Energy: 2.425 GeV	Using Pol ³ He Cell: <u>YN</u> , Long, <u>Tran</u> , or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.2248	Polarity: "-"
Angle: 16°	Sieve Plate: IN or <u>OUT?</u>
	Current (A): 515
	Angle: 75°
	Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21609	21:06		³ He →	10		17		✓
21610	21:34	22:02	³ He →	10	4.28M	16		✓
21611	22:05	22:30	³ He →	10	4.27M	16		✓
21612	22:31	22:58 22:58	³ He →	10	4.27M	17		✓
21613	22:59	23:25	³ He →	10	4.28M	17		✓
21614	23:26	23:53	³ He →	10	4.26M	17		✓
21615	23:53	00:20	³ He →	10	4.27M	16		✓
21616	00:20	00:48	³ He →	10	4.28M	17		✓
21617	00:49	01:17	³ He →	10	4.28M	17		✓
21618	01:18	01:44	³ He →	10	4.27M	16		✓
21619	01:45						JUNK	
21620	01:49		³ He →	10		16	JUNK acquisition blocked during run	

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Date: 5.25.2009	Author: Salvatore Frullani
Beam Energy: 2.625 GeV	Using Pol ^3He Cell: <input checked="" type="checkbox"/> N, Long, <input checked="" type="checkbox"/> Trans, or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277 Polarity: "-"	Current (A): 515 Polarity: Positive
Angle: 14.5° 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?
2717	02:24	02:50	$^3\vec{\text{He}}$	10	47	6		✓
2718	02:51	03:21	$^3\vec{\text{He}}$	10	47	6		✓
2719	03:23	03:50	$^3\vec{\text{He}}$	10	47	7		✓
2720	03:51	04:18	$^3\vec{\text{He}}$	10	47	6		✓
2721	04:20	04:23	$^3\vec{\text{He}}$	10			JUNK (NO BEAM) TARGET PROBLEM	
2722	04:28	04:56	$^3\vec{\text{He}}$	10	47	7		✓
2723	04:58	05:14	$^3\vec{\text{He}}$	10	1.35M	6	RUN STOPPED - NO BEAM	✓
2724	05:26	05:59	$^3\vec{\text{He}}$	10	47	6		✓
2725	06:00	06:26	$^3\vec{\text{He}}$	10	47	6		✓
2726	06:29	06:55	$^3\vec{\text{He}}$	10	3.6M	6		✓
2727	07:07	07:38	$^3\vec{\text{He}}$	10	4.0M	6		✓
2728	07:40	08:09	$^3\vec{\text{He}}$	10	4.0M	7		✓

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Date: 5.25.2009	Author: Salvatore Frullani
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): 2.2268 Polarity: "-"	Current (A): 515 Polarity: Positive
Angle: 16° 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?
21621	02:23	02:50	$^3\bar{\text{He}}$	10	4.277	16		✓
21622	02:51	03:22	$^3\bar{\text{He}}$	10	4.287	16		✓
21623	03:22	03:50	$^3\bar{\text{He}}$	10	4.287	16		✓
21624	03:51	04:19	$^3\bar{\text{He}}$	10	4.277	17		✓
21625	04:19	04:23	$^3\bar{\text{He}}$	10			NO BEAM JUNIC TARGET PROBLEM	
21626	04:28	04:57	$^3\bar{\text{He}}$	10	4.297	17		✓
21627	04:57	05:14	$^3\bar{\text{He}}$	10	1.457	16	RUN STOPPED - NO BEAM	✓
21628	05:26	05:59	$^3\bar{\text{He}}$	10	4.307	17		✓
21629	05:59	06:27	$^3\bar{\text{He}}$	10	4.287	16		✓
21630	06:28	06:56	$^3\bar{\text{He}}$	10	3.87	16		✓
21631	07:07	07:38	$^3\bar{\text{He}}$	10	4.37	17		✓
21632	07:39	08:09	$^3\bar{\text{He}}$	10	4.357	17		✓

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Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> Y/N, <input checked="" type="radio"/> Long, <input checked="" type="radio"/> Tran, or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.217	Polarity: "-" Current (A): 515
Angle: 14.5°	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?
2729	08:10	08:41	$^3\vec{\text{He}}$	10	4M	7		✓
2730	08:42	09:11	$^3\vec{\text{He}}$	10	4M	7		✓
2731	09:12	09:52	$^3\vec{\text{He}}$	10	4M	7		✓
2732	09:53	10:22	$^3\vec{\text{He}}$	10	4M	7		✓
2733	10:23	10:50	$^3\vec{\text{He}}$	10	4M	7		✓
2734	10:58	11:29	$^3\vec{\text{He}}$	10	4M	7		✓
2735	11:30	11:57	$^3\vec{\text{He}}$	10	4M	7		✓
2736	11:58	12:29	$^3\vec{\text{He}}$	10	4M	7		✓
2737	12:30	12:59	$^3\vec{\text{He}}$	10	4M	7		✓
2738	13:00	13:27	$^3\vec{\text{He}}$	10	4M	7		✓
2739	13:28	13:57	$^3\vec{\text{He}}$	10	4M	7		✓
2740	13:58	14:27	$^3\vec{\text{He}}$	10	4M	7		✓

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Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="checkbox"/> N, Long, <input type="checkbox"/> Tran, or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.2278	Polarity: "-" Current (A): 515
Angle: 16.6°	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?
21633	08:10	08:41	^3He	10	4.29M	17		✓
21634	08:42	09:11	^3He	10	4.29M	17		✓
21635	09:12	09:52	^3He	10	4.30M	17		✓
21636	09:53	10:22	^3He	10	4.28M	17		✓
21637	10:23	10:50	^3He	10	4.28M	17		✓
21638	10:58	11:24	^3He	10	4.30M	17	first run after NMR Sweep	✓
21639	11:30	11:57	^3He	10	4.27M	17		✓
21640	11:58	12:29	^3He	10	4.29M	17		✓
21641	12:30	12:59	^3He	10	4.29M	17		✓
21642	13:00	13:37	^3He	10	4.28M	17		✓
21643	13:28	13:57	^3He	10	4.36M	17		✓
21644	13:58	14:27	^3He	10	4.29M	17		✓

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Date: 5/25/09	Author: Brad Schaeferrock / John Watson
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: Y, N, Long, Tran, or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277	Polarity: "-" Current (A): 515
Angle: 14.5°	Sieve Plate: IN or OUT? Angle: 75°
	Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2741	14:27	14:57	^3He	10	4M	7		✓
2742	15:01	15:04	^3He	10	187K		Junk Magnet wasn't running properly	
2743	15:11	15:13	^3He	10	151K		//	
2744	15:16	15:42	^3He	10	4M	7		✓
2745	15:43	16:11	^3He	10	4M			
2746	16:13	16:41	^3He	10	4M	6		✓
2747	16:43	17:12	^3He	10	4M	6		✓
2748	17:13	17:39	^3He	10	4M	6		✓
2749	17:41	18:08	^3He	10	4M	6		✓
2750	18:10	18:38	^3He	10	4M	6		
2751	18:39	19:05	^3He	10	4M	6		✓
2752	19:09	19:37	^3He	10	4M	6		✓

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Date: 5/25/09	Author: Brad Schoenrock / John Watson
Beam Energy: 2.245 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> N, <input type="radio"/> Long, <input type="radio"/> Tran, or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.2248 Polarity: "-"	Current (A): 515 Polarity: Positive
Angle: 16° 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?
21645	14:27	14:57	^3He	10	4.31M	17		✓
21646	15:01	15:04	^3He	10	192K		Junk - Happerx wasn't running properly	
21647	15:11	15:13	^3He	10	160K		"	
21648	15:16	15:42	^3He	10	4.28M	17		✓
21649	15:43	16:12	^3He	10	4.28M			
21650	16:13	16:42	^3He	10	4.31M	16		✓
21651	16:43	17:12	^3He	10	4.3M	17		✓
21652	17:13	17:40	^3He	10	4.28M	17		✓
21653	17:40	18:09	^3He	10	4.28M	16		✓
21654	18:10	18:38	^3He	10	4.28M	17		
21655	18:39	19:05	^3He	10	4.27M	16		✓
21656	19:09	19:38	^3He	10	4.29M	17		✓

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Date: 5/25/2009	Author: John Watson / Salvatore Frullani
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <u>YN</u> , Long <u>Tran</u> , or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277 Polarity: "-"	Current (A): 515 Polarity: Positive
Angle: 14.5° Sieve Plate: IN or <u>OUT</u>	Angle: 75°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2753	18:46	20:13	^3He	10	4 M	6		
2754	20:14	20:44	^3He	10	4 M	6		✓
2755	20:45	—	^3He	10	—	—	Beam ^{went} off at start of run	
2756	20:57	21:24	^3He	10	4 M	6		✓
2757	21:28	—	^3He	10	—	—	Beam off at start of run	
2758	21:54	—	^3He	10	—	—	Junk Run (Coda thing)	
2759	22:24	22:50	^3He	10	4 M			✓
2760	22:52	23:18	^3He	10	4 M	7		✓
2761	23:20	23:49	^3He	10	4 M	6		✓
2762	23:50	00:18	^3He	10	4 M	7		✓
2763	00:20	00:45	^3He	40	4 M	6		✓
2764	00:46	01:14	^3He	10	4 M	7		✓

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