

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

Date:	30 May 2009	Author:	EIP
Beam Energy:	GeV	Using Pol ³ He Cell:	Y/N, Long <u>Trans</u> , or Vertical
RHRS		BigBite	
Momentum (GeV/c):		Current (A):	Polarity: Positive
Angle:	Sieve Plate: IN or OUT ?	Angle:	

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21820	05:38	06:05	³ He	11 μA		12%		
21821	06:05	06:30	N	N	2.95M	N		
21822	06:31	07:03	"	"	2.95M	13%		✓
21823	07:04	07:33	N	"		12%		
21824	07:33	08:02	N	"	2.96M	"		✓
21825	08:22	08:53	"	"	2.9M	12%		✓
21826	08:53	9:22	"	"	2.95M	"		✓
21827	9:22	9:49	"	"	2.95M	12%		✓
21828	9:49	10:17	"	"	2.95	12%		✓
21829	10:18	10:23	"	"			Junk	
21830	10:23	10:51	"	"	2.95	12%		✓
21831	10:52	11:29	"	"	2.97	"		✓

Please change to a new run sheet for a new setting or a new type of run on the Run Plan.

More Comments:

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Date: 5/30/09	Author: Holmstrom
Beam Energy: 2425 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> Y <input checked="" type="radio"/> N Long <input checked="" type="radio"/> Trans <input checked="" type="radio"/> Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277	Polarity: "-" Current (A): 518
Angle: 14.5	Sieve Plate: IN or <input checked="" type="radio"/> OUT? Angle: Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2955	11:30	11:59	^3He	11	4M	50%		✓
2956	12:01	12:27	^3He	11	4M	11		✓
2957	12:28	12:57	^3He	11	4M	11		✓
2958	12:59	13:28	^3He	11	4M	11		✓
2959	13:30	13:57	^3He	11	4M	40%		✓
2960	13:58	14:26	^3He	11	4M	40%		✓
2961	14:27	14:42	^3He	11	2.1M	40%		✓
2962	14:45	15:15	^3He	11	4M	40%		✓
2963	15:19	15:46	^3He	11	4M	40%		✓
2964	15:47	16:15	^3He	11	4M	40%		✓
2965	16:18	16:45	^3He	11	4M	4%		✓
2966	16:48	17:15	^3He	11	4M	4%		✓

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Date: 5/30	Author: Halmstrom
Beam Energy: 24255 GeV	Using Pol ³ He Cell: <input checked="" type="radio"/> Y <input type="radio"/> N Long, Tran, or Vertical
RHRS	BigBite
Momentum (GeV/c): 2.175	Polarity: "-"
Angle: 18	Current (A): 518
Sieve Plate: IN or <input checked="" type="radio"/> OUT	Polarity: Positive
	Angle:

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21832	11:29	12:00	³ He	11	2.96M	12%		✓
21833	12:01	12:27	³ He	11	2.95M	11		✓
21834	12:28	12:58	³ He	11	2.96M	11		
21835	12:59	13:29	³ He	11	2.96M	11		✓
21836	13:29	13:57	³ He	11	2.97M	11		✓
21837	13:58	14:24	³ He	11	3.12M	12%		✓
21838	14:26	14:42	³ He	11	1.33M		DAQ Hung	✓
21839	14:45	15:08	³ He	11	2.95M	12%		✓
21840	15:19	15:46	³ He	11	2.95M	12%		✓
21841	15:47	16:16	³ He	11	2.95M	12%		✓
21842	16:17	16:46	³ He	11	2.95M	12%		✓
21843	16:47	17:15	³ He	11	2.95M	12%		✓

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Date: 5/30/09	Author: Shabestari
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="checkbox"/> Y/N, <input checked="" type="checkbox"/> Long, <input type="checkbox"/> Tran, or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277 Polarity: "-"	Current (A): 518 Polarity: Positive
Angle: 14.5° Sieve Plate: IN or <input checked="" type="checkbox"/> OUT?	Angle: 82°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay OK?
2967	17:19	17:51	^3He	11	3.3M	4%		✓
2968	18:00	18:29	^3He	11	4M	4%		✓
2969	18:30	18:59	^3He	11	4M	4%		✓
2970	19:01	19:31	^3He	11	2.17M	4%		✓
2971	21:09	21:13	BeO	2	778 k	40%	check Run	
2972	21:18	21:21	^3He	2	155 k	—	Test to check Triggers	
2973	21:25	21:28	^3He	11	337k	—	Stopped the Run to check the Polarization (NMC)	
2974	21:30	21:57	^3He	11	4M	4%		✓
2975	22:01	22:26	^3He	11	4M	4%		
2976	22:28	22:56	^3He	11	4M	4%		
2977	22:57	23:23	^3He	11	4M	5%		
2978	23:24		^3He	11		4%		

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Beam Energy: 2.425 GeV	Using Pol ³ He Cell: <input checked="" type="radio"/> Y/N, <input checked="" type="radio"/> Long, <input type="radio"/> Tran, or <input type="radio"/> Vertical
RHRS	BigBite
Momentum (GeV/c): 2.175 Polarity: "-"	Current (A): 518 Polarity: Positive
Angle: 18° Sieve Plate: IN or <input checked="" type="radio"/> OUT?	Angle: 82°

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21844	17:18	17:51	³ He	11	2.5M	12%		✓
21845	17:59	18:29	³ He	11	2.96M	12%		✓
21846	18:30	19:00	³ He	11	2.96M	12%		✓
21847	19:00	19:31	³ He	11	1.61M	12%		✓
21848	21:09	21:13	BeO	2	218 k	8%		
21849	21:17	21:22	³ He	2	127 k	-		
21850	21:24	21:28	³ He	11	264 k	-		
21851	21:29	21:57	³ He	11	3.03M	12%		✓
21852	21:59	22:27	³ He	11	2.96M	12%		
21853	22:27	22:56	³ He	11	2.95M	12%		
21854	22:56	23:23	³ He	11	2.94M	12%		
21855	23:24		³ He	11	11	12%		

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Date:	31 May 2009	Author:	EIP
Beam Energy:	2.425 GeV	Using Pol ^3He Cell:	<input checked="" type="checkbox"/> N, <input checked="" type="checkbox"/> Long, <input checked="" type="checkbox"/> Tran, or Vertical
LHRS		BigBite	
Momentum (GeV/c):	2.277	Polarity: "-"	Current (A): 518A
Angle:	14.5°	Sieve Plate: IN or OUT ?	Angle: 82°
			Polarity: Positive

NMR →

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2979	23:56	00:24	^3He	11 μ	4M	4%		✓
2980	00:24	00:51	"	"	4M	5%		
2981	00:51	01:19	N	N	4M			✓
2982	01:19	01:50	N	"	4M	4%		
2983	01:50	02:20	N	N	4M	5%		✓
2984	02:20	02:50	N	N	4M	4%		
2985	02:50	03:16	"	N	4M	N		
2986	03:16	03:44	N	"	4M	N		
2987	03:44	04:13	N	N	4M	5%		✓
2988	04:13	04:39	N	N		N		
2989	04:39	05:09	N	N		N		
2990	05:09		N	N		N		

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Date:	31 May 2009		Author:	EIP	
Beam Energy:	2.425	GeV	Using Pol ³ He Cell:	Y/N, Long Tran, or Vertical	
RHRS			BigBite		
Momentum (GeV/c):	2.175	Polarity: "-"	Current (A):	518A	Polarity: Positive
Angle:	18°	Sieve Plate: IN or OUT ?	Angle:	82°	

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21856	23:56	00:24	3He	11μ	2.95M	12%		✓
21857	00:24	00:51	"	"		"		
21858	00:51	01:19	"	"	3.06M			✓
21859	01:19	01:50	"	"	3.12M	12%		
21860	01:50	02:20	"	"	2.99M	"		✓
21861	02:20	02:50	"	"		12%		
21862	02:50	03:16	"	"	2.95M	"		
21863	03:16	03:44	"	"		"		
21864	03:44	04:13	"	"		12%		✓
21865	04:13	04:39		"	2.95M	"		
21866	04:39	05:07	"	"	2.99M	"		
21867	05:07		"	"	2.89M	"		

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Date:	31 May 2009	Author:	EIP
Beam Energy:	2.425 GeV	GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> N, <input type="radio"/> Long, Tran, or Vertical
LHRS	Momentum (GeV/c): 2297	Polarity: "-"	Current (A): 518
Angle:	14.5°	Sieve Plate: IN or OUT ?	Angle: 92°
			Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
2991	05:39	06:19	^3He	11 μA	4M	4%		<input checked="" type="checkbox"/>
2992	06:20	06:49	"	"	4M			
2993	06:49	07:13	"	"	4M	"		
2994	07:13	07:41	"	"		"		<input checked="" type="checkbox"/>
2995	07:41		"	"	Junk			
2996	07:46	8:20	"	"	4M	4%		
2997	8:25		"	"			junk	
2998	8:27	8:55	"	"	4M	5%		<input checked="" type="checkbox"/>
2999	8:57	9:30	"	"	4M	7%	beam trip mid run	<input checked="" type="checkbox"/>
3000	9:32	10:03	"	"	4M	5%		<input checked="" type="checkbox"/>
3001	10:05	10:30	"	"	4M	5%		

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Date:	31 May 2009		Author:	EIP	
Beam Energy:	2.425 GeV	GeV	Using Pol ^3He Cell:	O/N, (Long) Tran, or Vertical	
RHRS			BigBite		
Momentum (GeV/c):	2.175	Polarity: "-"	Current (A):	578	Polarity: Positive
Angle:	18°	Sieve Plate: IN or OUT ?	Angle:	82°	

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
21868	05:39	06:19	^3He	11 μA	2.94M	12%		✓
21869	06:20	06:47	"	"				
21870	06:49	07:13	"	"	2.94M	"		
21871	07:15	07:41	"	"		12%		✓
21872	07:41		"	"		"	Jub	
21873	07:46	8:20	"	"	3.2M	12%		
21874							junk	
21875	8:25						junk	
21876	8:27	8:55	"	"	3.1M	5%		✓
21877	8:57	9:30	"	"	3.1M	7%	beam trip mid run	✓
21878	9:32	10:03	"	"	2.9M	5%		✓
21879	10:04	10:30	"	"	2.9M	5%		

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Date: 5/31/09	Author: David Flay
Beam Energy: 2.425 GeV	Using Pol ^3He Cell: <input checked="" type="radio"/> Y/N, Long, Tran, or Vertical
LHRS	BigBite
Momentum (GeV/c): 2.277	Polarity: "-"
Angle: 14.5°	Sieve Plate: IN or <input checked="" type="radio"/> OUT?
	Current (A): 578
	Angle: 82
	Polarity: Positive

Run Number	Start Time	Stop Time	Target	Beam (μA)	Number of Events	Dead Time	Comments	Replay Ok?
3002	10:30	11:00	^3He	11 μA	4M	5%		<input checked="" type="checkbox"/>
3003	11:00	11:30	"	"	4M	5%		<input checked="" type="checkbox"/>
3004	11:30	11:55	"	"	4M			<input checked="" type="checkbox"/>
3005	11:57	12:25	"	"	4M			<input checked="" type="checkbox"/>
3006	12:26	12:55	"	"	4M			<input checked="" type="checkbox"/>
3007	12:57	1:30	"	"	4M			<input checked="" type="checkbox"/>
3008	1:30	1:55	"	"	4M			<input checked="" type="checkbox"/>
3009	1:58	2:30	"	"	4M			<input checked="" type="checkbox"/>
3010	2:30	2:55	"	"	4M			<input checked="" type="checkbox"/>
3011	2:56	3:25	"	"	4M			<input checked="" type="checkbox"/>
3012	3:28	3:55	"	"	4M			<input checked="" type="checkbox"/>
3013	3:57	6:27	"	"	4M			<input checked="" type="checkbox"/>

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