

# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Use a separate sheet for each configuration.

Date: 10/5/18

Initials: mpr

HMS

SHMS

Configuration Name:

$Q^2 = 4.4$   $W = 2.74$

$X = 0.40$  high  $\epsilon$  SHMS RIGHT

$E_{\text{beam}} = 10.602$  GeV

$I_{\text{beam}} = 55$   $\mu\text{A}$

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: \_\_\_\_\_

Raster: ☒ On ☐ Off  
Size:  $2 \times 2$  mm

Beam position and angle on target:

3H07A	X	Y
$-0.225$ mm		$-0.37$ mm
Nomin:		Nomin:
3H07C	X	Y
$-1.087$ mm		$0.052$ mm
Nomin:		Nomin:

HMS

$p_{\text{HMS}} = -4.712$   $\theta(\text{TV}) = -17.68$

SHMS

$p_{\text{SHMS}} = 5.389$   $\theta(\text{TV}) = 9.808$

Collimator:

HMS: Large Sieve ☒

SHMS: Large Sieve ☒

Q1	I-SET 613.9196 A B-HALL 0.600 kG	I-SET 1803.86 A B-HALL -11.455 kG	HB
Q2	I-SET 488.2899 A B-HALL -0.450 kG	I-SET 1131.53 A B-HALL 8.030 kG	Q1
Q3	I-SET 237.2538 A B-HALL 0.477 kG	I-SET 1900.6 A B-HALL -17.887 kG	Q2
D	I-READ 1453.4021 A B-NMR 1.28497T kG	I-SET 1250.58 A B-HALL -12.150 kG	Q3
	<input checked="" type="checkbox"/> HMS cycled?	I-SET 1719.42 A B-NMR 12364 kG	D
	<input checked="" type="checkbox"/> SHMS cycled?		

Run Number:

4965

☒ LH2 10cm  
☐ LD2 10cm  
☐ MT thick 10cm  
☐ C 1.5% r.l.  
☐ C 0.5% r.l.  
☐ \_\_\_\_\_

PS1: 13  
PS2: -1  
PS3: 8  
PS4: -1  
PS5: 0  
PS6: -1

Start time (from RC):

13:22

Stop time (from RC):

14:18

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

4835 k

SHMS pretrig:

191061 k

COIN pretrig:

156 k

$e-K\Lambda$  evts:

164

$\Sigma e-K\Lambda$  evts:

164

☒ Data ok

☐ Junk

Comments:

Run Number:

4966

☒ LH2 10cm  
☐ LD2 10cm  
☐ MT thick 10cm  
☐ C 1.5% r.l.  
☐ C 0.5% r.l.  
☐ \_\_\_\_\_

PS1: 13  
PS2: -1  
PS3: 7  
PS4: -1  
PS5: 0  
PS6: -1

Start time (from RC):

16:03

Stop time (from RC):

16:52

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

7672 k

SHMS pretrig:

300247 k

COIN pretrig:

223 k

$e-K\Lambda$  evts:

171

$\Sigma e-K\Lambda$  evts:

335

☒ Data ok

☐ Junk

Comments:

beam was trippy; short run

Run Number:

4967

☒ LH2 10cm  
☐ LD2 10cm  
☐ MT thick 10cm  
☐ C 1.5% r.l.  
☐ C 0.5% r.l.  
☐ \_\_\_\_\_

PS1: 13  
PS2: -1  
PS3: 7  
PS4: -1  
PS5: 0  
PS6: 1

Start time (from RC):

17:08

Stop time (from RC):

18:14

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

19868 k

SHMS pretrig:

782,782 k

COIN pretrig:

589 k

$e-K\Lambda$  evts:

432

$\Sigma e-K\Lambda$  evts:

767

☒ Data ok

☐ Junk

Comments:

Run Number:

4968

☒ LH2 10cm  
☐ LD2 10cm  
☐ MT thick 10cm  
☐ C 1.5% r.l.  
☐ C 0.5% r.l.  
☐ \_\_\_\_\_

PS1: 13  
PS2: -1  
PS3: 7  
PS4: -1  
PS5: 0  
PS6: 1

Start time (from RC):

18:15

Stop time (from RC):

19:29

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

24,353 k

SHMS pretrig:

963,222 k

COIN pretrig:

765 k

$e-K\Lambda$  evts:

469

$\Sigma e-K\Lambda$  evts:

1236

☒ Data ok

☐ Junk

Comments:

# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: 10/5/18

Initials: VVB

## Continuation of Configuration:

$$Q^2 = 4.4 \quad W = 2.74$$

$$x = 0.4 \quad \text{high } E \quad \text{SHMS Right}$$

This sheet is only to be used to continue a running configuration.

Run Number: 4969	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 19:23 Stop time (from RC): 20:21	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 23,930 k e-K $\Lambda$ evts: 455	SHMS pretrig: 950,030 k $\Sigma$ e-K $\Lambda$ evts: 1691	COIN pretrig: 787 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4970	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 20:21 Stop time (from RC): 21:19	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 22,385 k e-K $\Lambda$ evts: 459	SHMS pretrig: 890,201 k $\Sigma$ e-K $\Lambda$ evts: 2150	COIN pretrig: 754 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4971	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 21:20 Stop time (from RC): 22:20	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 19,620 k e-K $\Lambda$ evts: 348	SHMS pretrig: 781,033 k $\Sigma$ e-K $\Lambda$ evts: 2498	COIN pretrig: 690 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4972	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 13 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 22:27 Stop time (from RC): 23:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 20,460 k e-K $\Lambda$ evts: 379	SHMS pretrig: 820,330 k $\Sigma$ e-K $\Lambda$ evts: 2877	COIN pretrig: 791 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4973	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 13 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 23:27 Stop time (from RC): 00:32	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 22,407 k e-K $\Lambda$ evts: 354	SHMS pretrig: 900,736 k $\Sigma$ e-K $\Lambda$ evts: 3231	COIN pretrig: 900 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4974	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 13 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 00:33 Stop time (from RC): 01:28	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 26,533 k e-K $\Lambda$ evts: 387	SHMS pretrig: 1,066,829 k $\Sigma$ e-K $\Lambda$ evts: 3618	COIN pretrig: 1052 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

# $p(e,e'K)\Lambda$ Run Sheet

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Date: 10/6/18

Initials: H.V.

## Continuation of Configuration:

$Q^2=4.4$   $W=2.74$   
 $x=0.40$  high  $\epsilon$  SHMS Right

This sheet is only to be used to continue a running configuration.

Run Number: <u>4975</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>9</u> PS6: <u>-1</u>	Start time (from RC): <u>01:30</u> Stop time (from RC): <u>2:20</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>25,442</u> k e-K $\Lambda$ evts: <u>346</u>	SHMS pretrig: <u>1,024,537</u> k $\Sigma$ e-K $\Lambda$ evts: <u>3964</u>	COIN pretrig: <u>1009</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <u>4976</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>9</u> PS6: <u>-1</u>	Start time (from RC):  Stop time (from RC): 	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts:	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: <u>4976 is junk (5k evts) 4977 also junk..</u>							

Run Number: <u>4978</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>9</u> PS6: <u>-1</u>	Start time (from RC): <u>11:35</u> Stop time (from RC): <u>12:31</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>75,097</u> k	SHMS pretrig: <u>2,779</u> k	COIN pretrig: <u>55</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>Downy target: 40uA beam (stopped) ~20min beam on target.</u>							

Run Number: <u>4979</u>	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>9</u> PS6: <u>-1</u>	Start time (from RC): <u>12:36</u> Stop time (from RC): 	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts:	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts:	COIN pretrig: k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>Downy target</u>							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC):  Stop time (from RC): 	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts:	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC):  Stop time (from RC): 	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts:	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: 10/06/2018

Initials: EF

Use a separate sheet for each configuration.

Configuration Name:  $Q^2=1.4$ ,  $W=2.74$ ,  $x=0.40$   
high E. SHMS center.

$E_{beam}$ : 10.6 GeV  $I_{beam}$ :  $\mu A$

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: \_\_\_\_\_

Raster: ☒ On ☐ Off

Size: \_\_\_\_\_

Beam position and angle on target:

3H07A	X	Y
	0.01 mm	0.07 mm
Nomin:		Nomin:
3H07C	X	Y
	-1.0 mm	0.05 mm
Nomin:		Nomin:

HMS

SHMS

I-SET 1453.4021 A	I-SET 1803.86 A
B-HALL 1.28996 kG	B-HALL -11.460 kG
I-SET 613.2196 A	I-SET 1131.48 A
B-HALL 0.602 kG	B-HALL 8.022 kG
I-SET 488.4 A	I-SET 1900.6 A
B-HALL -0.949 kG	B-HALL -17.882 kG
I-SET 230.88 A	I-SET 1250.40 A
B-HALL 0.435 kG	B-HALL -12.154 kG
<input type="checkbox"/> HMS cycled? No need...	I-SET 1719.42 A
<input type="checkbox"/> SHMS cycled?	B-HALL 12.322 kG

HB

Q1

Q2

Q3

D

HMS

$p$ : +/- 4712  $\theta$ (TV): 170

SHMS

$p$ : +/- 5389  $\theta$ (TV): 128

Collimator: HMS: Large Sieve ☒ SHMS: Large Sieve ☒

Run Number:

- ☐ LH2 10cm  
☐ LD2 10cm  
☒ MT thick 10cm  
☐ C 1.5% r.l.  
☐ C 0.5% r.l.  
☐ \_\_\_\_\_

PS1: 8  
PS2:   
PS3:   
PS4:   
PS5:   
PS6:   
PS7:   
PS8:   
PS9:   
PS10:   
PS11:   
PS12:   
PS13:   
PS14:   
PS15:   
PS16:   
PS17:   
PS18:   
PS19:   
PS20:   
PS21:   
PS22:   
PS23:   
PS24:   
PS25:   
PS26:   
PS27:   
PS28:   
PS29:   
PS30:   
PS31:   
PS32:   
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PS34:   
PS35:   
PS36:   
PS37:   
PS38:   
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PS41:   
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PS168:   
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PS234:   
PS235:   
PS236:   
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PS238:   
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PS254:   
PS255:   
PS256:   
PS257:   
PS258:   
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PS262:   
PS263:   
PS264:   
PS265:   
PS266:   
PS267:   
PS268:   
PS269:   
PS270:   
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PS274:   
PS275:   
PS276:   
PS277:   
PS278:   
PS279:   
PS280:   
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PS294:   
PS295:   
PS296:   
PS297:   
PS298:   
PS299:   
PS300:   
PS301:   
PS302:   
PS303:   
PS304:   
PS305:   
PS306:   
PS307:   
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PS316:   
PS317:   
PS318:   
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PS323:   
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PS331:   
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PS333:   
PS334:   
PS335:   
PS336:   
PS337:   
PS338:   
PS339:   
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PS423:   
PS424:   
PS425:   
PS426:   
PS427:   
PS428:   
PS429:   
PS430:   
PS431:   
PS432:   
PS433:   
PS434:   
PS435:   
PS436:   
PS437:   
PS438:   
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PS471:   
PS472:   
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# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: 10/06/2018

Initials: BK, H.V.

## Continuation of Configuration:

$Q^2 = 4.4$   $W = 2.74$   
 $X = 0.4$   $E = 10.6$  SHMS center

This sheet is only to be used to continue a running configuration.

Run Number: 4984	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:14 Stop time (from RC): 22:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 16,948 k e-K $\Lambda$ evts: 566	SHMS pretrig: 182,503 k $\Sigma$ e-K $\Lambda$ evts: 1343	COIN pretrig: 234 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4985	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:42 Stop time (from RC): 23:45	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 10,156 k e-K $\Lambda$ evts: 373	SHMS pretrig: 100,444 k $\Sigma$ e-K $\Lambda$ evts: 1716	COIN pretrig: 132 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4986	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:59 Stop time (from RC): 00:55	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 3,118 k e-K $\Lambda$ evts: 146	SHMS pretrig: 31,500 k $\Sigma$ e-K $\Lambda$ evts: 1862	COIN pretrig: 59 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 00:25 - no beam <del>starting</del>							

Run Number: 4987	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 01:22 Stop time (from RC): 02:12	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 4,377 k e-K $\Lambda$ evts: 165	SHMS pretrig: 41,397 k $\Sigma$ e-K $\Lambda$ evts: 2027	COIN pretrig: 60 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4988	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 01:50 Stop time (from RC): 2:19	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts: 	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts: 	COIN pretrig: k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: I beam ~ 7pA very unstable, Junk 20,292 events - no beam							

Run Number: 4989	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 9 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 08:58:48 Stop time (from RC): 09:10:02	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts: 	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts: 	COIN pretrig: k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: I beam ~ 15pA very frippy, Junk ~ 30k events							

# $p(e, e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: 10 / 07 / 2018

Initials: BK

## Continuation of Configuration:

$Q^2 = 4.4$   $W = 2.74$   
 $X = 0.4$   $E = 10.6$  SHMS cut 2

This sheet is only to be used to continue a running configuration.

Run Number: 4990	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:36 Stop time (from RC): 19:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 16233 k e-K $\Lambda$ evts: 583	SHMS pretrig: 172045 k $\Sigma$ e-K $\Lambda$ evts: 2610	COIN pretrig: 226 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:							
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Run Number: 4991	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:33 Stop time (from RC): 20:34	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 25327 k e-K $\Lambda$ evts: 854	SHMS pretrig: 266234 k $\Sigma$ e-K $\Lambda$ evts: 3464	COIN pretrig: 346 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:							
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Run Number: 4992	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:34 Stop time (from RC):	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: k —	SHMS pretrig: k —	COIN pretrig: k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
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Comments: CODA hung. Did k coda $\rightarrow$ start coda							
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Run Number: 4995	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:49 Stop time (from RC): 21:46	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 26212 k e-K $\Lambda$ evts: 818	SHMS pretrig: 293612 k $\Sigma$ e-K $\Lambda$ evts: 4282	COIN pretrig: 396 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:							
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Run Number: 4996	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:47 Stop time (from RC): 22:47	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 21098 k e-K $\Lambda$ evts: 713	SHMS pretrig: 238406 k $\Sigma$ e-K $\Lambda$ evts: 4995	COIN pretrig: 326 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:							
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Run Number: 4997	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 11 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:47 Stop time (from RC): 00:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: k e-K $\Lambda$ evts: 1047	SHMS pretrig: k $\Sigma$ e-K $\Lambda$ evts: 6042	COIN pretrig: k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:							
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# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Initials: \_\_\_\_

## Continuation of Configuration:

$Q^2 = 4.4$   $W = 2.74$

$x = 0.4$  high  $E$  SHMS Center

This sheet is only to be used to continue a running configuration.

Run Number: <b>4998</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: <u>11</u> PS2: <u>1</u> PS3: <u>1</u> PS4: <u>1</u> PS5: <u>0</u> PS6: <u>1</u>	Start time (from RC): <b>00:27</b> Stop time (from RC): <b>00:39</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>31,087</b> k $e-K\Lambda$ evts: <b>176</b>	SHMS pretrig: <b>360,908</b> k $\Sigma e-K\Lambda$ evts: <b>6118</b>	COIN pretrig: <b>491</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <del>4999</del>	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): <del>1:08</del> Stop time (from RC): <del>1:17</del>	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ k $e-K\Lambda$ evts: _____	SHMS pretrig: _____ k $\Sigma e-K\Lambda$ evts: _____	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <del>5000</del>	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): <b>1:21</b> Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ k $e-K\Lambda$ evts: _____	SHMS pretrig: _____ k $\Sigma e-K\Lambda$ evts: _____	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ k $e-K\Lambda$ evts: _____	SHMS pretrig: _____ k $\Sigma e-K\Lambda$ evts: _____	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ k $e-K\Lambda$ evts: _____	SHMS pretrig: _____ k $\Sigma e-K\Lambda$ evts: _____	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ k $e-K\Lambda$ evts: _____	SHMS pretrig: _____ k $\Sigma e-K\Lambda$ evts: _____	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

# p(e,e'K) $\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Initials: H.V.

Use a separate sheet for each configuration.

**Configuration Name:**  
 $Q^2 = 4.4, W = 2.74, x = 0.40$   
high E SHMS Left

**E<sub>beam</sub>:** 10.6 GeV **I<sub>beam</sub>:** \_\_\_\_\_  $\mu$ A

**HMS**  
**p:±** 4.712  **$\theta$ (TV):** 17.08

**SHMS**  
**p:±** 5.389  **$\theta$ (TV):** 15.81

**Collimator:** HMS: Large ☐ Sieve ☐ SHMS: Large ☐ Sieve ☐

**Purpose:**  
☒ Production  
☐ Test  
☐ Optics  
☐ Other: \_\_\_\_\_

**Raster:** ☒ On ☐ Off  
**Size:** \_\_\_\_\_

Beam position and angle on target:

3H07A	X	Y
<u>-0.011</u>	mm	<u>0.22</u> mm
Nomin:		Nomin:
3H07C	X	Y
<u>-0.02</u>	mm	<u>-0.27</u> mm
Nomin:		Nomin:

HMS		SHMS		
Q1	I-SET <u>614.13</u> A B-HALL <u>0.601</u> kG	I-SET <u>-14.459</u> A B-HALL <u>5.54347</u> kG	A	HB
Q2	I-SET <u>-0.948</u> A B-HALL <u>488.39</u> kG	I-SET <u>1131.44</u> A B-HALL <u>7.026</u> kG	A	Q1
Q3	I-SET <u>0.476</u> A B-HALL <u>236.91</u> kG	I-SET <u>1900.56</u> A B-HALL <u>-17.988</u> kG	A	Q2
D	I-READ <u>1.28996</u> A B-NMR <u>1451.61</u> kG	I-SET <u>1250.48</u> A B-HALL <u>-12.156</u> kG	A	Q3
	<input type="checkbox"/> HMS cycled? <u>No need</u> <input type="checkbox"/> SHMS cycled?	I-SET <u>1719.32</u> A B-NMR <u>12.366</u> kG	A	D

<b>Run Number:</b> <u>4999</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: <u>11</u> PS2: <u>-1</u> PS3: <u>3</u> PS4: <u>7</u> PS5: <u>0</u> PS6: <u>-1</u>	<b>Start time (from RC):</b> <u>00:55</u> <b>Stop time (from RC):</b> <u>01:07</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> <u>2,203</u> k <b>e-K<math>\Lambda</math> evts:</b> <u>81</u>	<b>SHMS pretrig:</b> <u>9,437</u> k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> <u>81</u>	<b>COIN pretrig:</b> <u>24</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

<b>Run Number:</b> <u>5000</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: <u>9</u> PS2: <u>-1</u> PS3: <u>7</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	<b>Start time (from RC):</b> <u>1:10</u> <b>Stop time (from RC):</b> <u>1:17</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> <u>2,179</u> k <b>e-K<math>\Lambda</math> evts:</b> <u>68</u>	<b>SHMS pretrig:</b> <u>7,054</u> k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> <u>149</u>	<b>COIN pretrig:</b> <u>17</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

<b>Run Number:</b> <u>5001</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: <u>10</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	<b>Start time (from RC):</b> <u>1:21</u> <b>Stop time (from RC):</b> <u>2:12</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> <u>3,178</u> k <b>e-K<math>\Lambda</math> evts:</b> <u>100</u>	<b>SHMS pretrig:</b> <u>10,375</u> k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> <u>249</u>	<b>COIN pretrig:</b> <u>49</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b> <u>Last 1/2 hour No beam</u>							

<b>Run Number:</b> <u>5002</u>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/> _____	PS1: <u>10</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	<b>Start time (from RC):</b> <u>2:32</u> <b>Stop time (from RC):</b> <u>3:05</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> <u>16,979</u> k <b>e-K<math>\Lambda</math> evts:</b> <u>539</u>	<b>SHMS pretrig:</b> <u>50,428</u> k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> <u>788</u>	<b>COIN pretrig:</b> <u>119</u> k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: 10, 7, 16

Initials: H.V.

## Continuation of Configuration:

$Q^2 = 4.4$   $W = 2.74$   $x = 0.4$   
SHMS Left

This sheet is only to be used to continue a running configuration.

Run Number: <b>5003</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>3:06</b> Stop time (from RC): <b>4:06</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>22,328</b> k e-K $\Lambda$ evts: <b>772</b>	SHMS pretrig: <b>80,392</b> k $\Sigma$ e-K $\Lambda$ evts: <b>1560</b>	COIN pretrig: <b>193</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>5004</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>4:05</b> Stop time (from RC): <b>5:01</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>19,651</b> k e-K $\Lambda$ evts: <b>587</b>	SHMS pretrig: <b>57,932</b> k $\Sigma$ e-K $\Lambda$ evts: <b>2147</b>	COIN pretrig: <b>145</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>5005</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>05:08</b> Stop time (from RC): <b>05:31</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>18,776</b> k e-K $\Lambda$ evts: <b>164</b>	SHMS pretrig: <b>20,344</b> k $\Sigma$ e-K $\Lambda$ evts: <b>2311</b>	COIN pretrig: <b>53</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>5006</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>05:35</b> Stop time (from RC): <b>06:29</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>21,295</b> k e-K $\Lambda$ evts: <b>626</b>	SHMS pretrig: <b>63,769</b> k $\Sigma$ e-K $\Lambda$ evts: <b>2937</b>	COIN pretrig: <b>156</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>5007</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>06:30</b> Stop time (from RC): <b>07:31</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>23,391</b> k e-K $\Lambda$ evts: <b>714</b>	SHMS pretrig: <b>69,507</b> k $\Sigma$ e-K $\Lambda$ evts: <b>3651</b>	COIN pretrig: <b>171</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>5008</b>	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>07:35</b> Stop time (from RC): <b>07:31</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>25,937</b> k e-K $\Lambda$ evts: <b>784</b>	SHMS pretrig: <b>75,829</b> k $\Sigma$ e-K $\Lambda$ evts: <b>4435</b>	COIN pretrig: <b>185</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

# $p(e,e'K)\Lambda$ Run Sheet

can be found at [lichen.phys.uregina.ca/~huberg/kaon/](http://lichen.phys.uregina.ca/~huberg/kaon/)

Date: 10, 8, 18

Initials: VVB

## Continuation of Configuration:

$Q^2 = 4.4$   $W = 2.74$   $x = 0.4$

SHMS left

This sheet is only to be used to continue a running configuration.

Run Number: 5009	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 10 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 8:36 Stop time (from RC): 9:15	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 17614 k e-K $\Lambda$ evts: 509	SHMS pretrig: 51,193 k $\Sigma$ e-K $\Lambda$ evts: 4943	COIN pretrig: 126 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 5010	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input checked="" type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ e-K $\Lambda$ evts: _____	SHMS pretrig: _____ $\Sigma$ e-K $\Lambda$ evts: _____	COIN pretrig: _____ <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
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Comments: PS values adjustment

Run Number: 5011	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input checked="" type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 7 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 9:27 Stop time (from RC): 9:51	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 23,949 k e-K $\Lambda$ evts: —	SHMS pretrig: 59612 k $\Sigma$ e-K $\Lambda$ evts: —	COIN pretrig: 20 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: ZMCDA 38.73 mc

Run Number: 5012	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input checked="" type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 7 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 9:52 Stop time (from RC): 10:12	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 2,633 k e-K $\Lambda$ evts: —	SHMS pretrig: 6,575 k $\Sigma$ e-K $\Lambda$ evts: —	COIN pretrig: 19 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ e-K $\Lambda$ evts: _____	SHMS pretrig: _____ $\Sigma$ e-K $\Lambda$ evts: _____	COIN pretrig: _____ <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: _____ e-K $\Lambda$ evts: _____	SHMS pretrig: _____ $\Sigma$ e-K $\Lambda$ evts: _____	COIN pretrig: _____ <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: