

# $p(e,e'K)\Lambda$ 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: 18/10/02

Initials: *NA*

Configuration Name:  $Q^2 = 2.115, W = 2.95, x = 0.21$   
high  $e$ , SHMS right

$E_{\text{beam}}$ : 10.597 GeV  $I_{\text{beam}}$ : 65  $\mu\text{A}$

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: \_\_\_\_\_

Raster: ☒ On ☐ Off  
Size: 2x2

Beam position and angle on target:

3H07A	X	Y
0.001 mm	-0.487 mm	
Nomin: 0	Nomin: -1	
3H07C	X	Y
-0.017 mm	-0.040 mm	
Nomin: 0	Nomin: 0	

HMS

SHMS

Q1	I-SET 689.61099 A	I-SET 1663.83 A	HB
	B-HALL 0.674 kg	B-HALL -10.630 kg	
Q2	I-SET 550.155196 A	I-SET 1046.28 A	Q1
	B-HALL -1.074 kg	B-HALL 7.457 kg	
Q3	I-SET 266.405469 A	I-SET 1757.41 A	Q2
	B-HALL 0.534 kg	B-HALL -16.581 kg	
D	I-READ 1657.56 A	I-SET 1156.36 A	Q3
	B-NMR 1.45152 kg	B-HALL -11.249 kg	
<input checked="" type="checkbox"/> HMS cycled?		I-SET 1589.88 A	D
<input checked="" type="checkbox"/> SHMS cycled?		B-NMR 11.390 kg	

Run Number: 4891	<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: 15 PS2: 1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 0749	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: k $e-K\Lambda$ evts: 355	SHMS pretrig: k $\Sigma e-K\Lambda$ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments:							

Run Number: 4892	<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: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 09:24:54	<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:							

Next Page (new configuration)

Run Number: 4893	<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: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____	Start time (from RC): 09:57:40	<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):	<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

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Use a separate sheet for each configuration.

Date: 10 / 2 / 18

Initials: mmr

**Configuration Name:**  
 $Q^2 = 2.115$ ,  $W = 2.95$   
 $x = 0.21$  high  $\epsilon$ , SHMS LEFT

$E_{\text{beam}} = 10.597$  GeV  $I_{\text{beam}} = 60$   $\mu\text{A}$

**HMS**  
 $p_{\text{TV}} = -5.292$   $\theta(\text{TV}) = 11.15$

**SHMS**  
 $p_{\text{TV}} = 14.983$   $\theta(\text{TV}) = 13.74$

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

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

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

Beam position and angle on target:

3H07A	X	Y
0.023 mm		-0.029 mm
Nomin:		Nomin:
3H07C	X	Y
-0.082 mm		-0.048 mm
Nomin:		Nomin:

HMS		SHMS		
Q1	I-SET 689.6110 A B-HALL 0.675 kg	I-SET 1663.83 A B-HALL -10.430 kg		HB
Q2	I-SET 550.1552 A B-HALL -1.074 kg	I-SET 1646.28 A B-HALL 7.457 kg		Q1
Q3	I-SET 266.4655 A B-HALL 0.535 kg	I-SET 1757.41 A B-HALL -16.581 kg		Q2
D	I-READ 1659.7000 A B-NMR 1.45142 kg	I-SET 1156.36 A B-HALL -11.250 kg		Q3
	<input checked="" type="checkbox"/> HMS cycled? <input checked="" type="checkbox"/> SHMS cycled?	I-SET 1589.88 A B-NMR 11.396 kg		D

<b>Run Number:</b> 4892	<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: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 09:24:54 Stop time (from RC): 09:55:50	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 967756 k $e-K\Lambda$ evts: 1054	SHMS pretrig: 82397 k $\Sigma e-K\Lambda$ evts: 1054	COIN pretrig: 1762 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

<b>Run Number:</b> 4893	<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: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 09:57:40 Stop time (from RC): 10:45:14	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>967756</del> 159352 k $e-K\Lambda$ evts: <del>1054</del> 1748	SHMS pretrig: <del>82397</del> 134766 k $\Sigma e-K\Lambda$ evts: <del>1054</del> 2802	COIN pretrig: <del>1762</del> 2529 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

I'm very sorry for the mistakes crossed out above!

<b>Run Number:</b> 4894	<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: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 10:50:32 Stop time (from RC): 11:35	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 51533 k $e-K\Lambda$ evts: 607	SHMS pretrig: 43642 k $\Sigma e-K\Lambda$ evts: 3409	COIN pretrig: <del>847</del> 853 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

<b>Run Number:</b> 4895	<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: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 12:14:11 Stop time (from RC): 12:24:47	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 49041 k $e-K\Lambda$ evts: 500	SHMS pretrig: 41602 k $\Sigma e-K\Lambda$ evts: 3909	COIN pretrig: 492 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							



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Date: 10/2/18

Initials: BD

## Continuation of Configuration:

$$Q^2 = 2.115, W = 2.95$$

$$X = 0.2, \text{high } E_{\text{SHMS}} \text{ LEFT}$$

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

Run Number: <b>4896</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: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 12:25:38 Stop time (from RC): 13:05:39	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 223657 k e-K $\Lambda$ evts: 2453	SHMS pretrig: 190266 k $\Sigma$ e-K $\Lambda$ evts: 6362	COIN pretrig: 2253 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4897</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: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:07:64 Stop time (from RC): 13:44:57	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 207262 k e-K $\Lambda$ evts: 2281	SHMS pretrig: 175822 k $\Sigma$ e-K $\Lambda$ evts: 8643	COIN pretrig: 2057 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4898</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: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:45:45 Stop time (from RC): 14:19:43	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 83735 k e-K $\Lambda$ evts: 942	SHMS pretrig: 70801 k $\Sigma$ e-K $\Lambda$ evts: 9585	COIN pretrig: 812 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4899</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: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 14:20:39 Stop time (from RC): 15:06:19	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 133816 k e-K $\Lambda$ evts: 1482	SHMS pretrig: 113035 k $\Sigma$ e-K $\Lambda$ evts: 11067	COIN pretrig: 1278 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

148712 125222 1368

Run Number: <b>4900</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: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 15:07:04 Stop time (from RC): 16:01:46	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>66455</del> k e-K $\Lambda$ evts: <del>663</del>	SHMS pretrig: <del>56030</del> k $\Sigma$ e-K $\Lambda$ evts: <del>13303</del>	COIN pretrig: <del>625</del> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

1588 12655

Run Number: <b>4901</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: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:03:32 Stop time (from RC): 16:19:57	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 66455 k e-K $\Lambda$ evts: 648	SHMS pretrig: 56030 k $\Sigma$ e-K $\Lambda$ evts: 13303	COIN pretrig: 625 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

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Date: 10/2/18

Initials: BD

## Continuation of Configuration:

$$Q^2 = 2.115, W = 2.95$$

$x = 0.21$ , high  $E$  SUMS LEFT

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

Run Number: 4904	<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: 13 PS4: -1 PS5: -9 PS6: -9	Start time (from RC): 18:54:24 Stop time (from RC): 19:18:00	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 52679 k $e-K\Lambda$ evts: 561	SHMS pretrig: 44493 k $\Sigma e-K\Lambda$ evts: 13864	COIN pretrig: 516 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: beam was terribly unstable during this run.							

Run Number: 4905	<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: 13 PS4: -1 PS5: -9 PS6: -1	Start time (from RC): 19:23:15 Stop time (from RC): 19:50:05	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 94068 k $e-K\Lambda$ evts: 909	SHMS pretrig: 79367 k $\Sigma e-K\Lambda$ evts: 14773	COIN pretrig: 909 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4906	<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: 13 PS4: -1 PS5: -9 PS6: -1	Start time (from RC): 19:58:08 Stop time (from RC): 20:41:34	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 198114 k $e-K\Lambda$ evts: 2238	SHMS pretrig: 16745 k $\Sigma e-K\Lambda$ evts: 17011	COIN pretrig: 1874 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4907	<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: 13 PS4: -1 PS5: -9 PS6: -1	Start time (from RC): 20:42:09 Stop time (from RC): 21:17:34	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 100639 k $e-K\Lambda$ evts: 1130	SHMS pretrig: 84861 k $\Sigma e-K\Lambda$ evts: 18141	COIN pretrig: 958 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4908	<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: 13 PS4: -1 PS5: -9 PS6: -1	Start time (from RC): 21:23:09 Stop time (from RC): 22:13:00	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 160177 k $e-K\Lambda$ evts: 1805	SHMS pretrig: 135022 k $\Sigma e-K\Lambda$ evts: 19946	COIN pretrig: 1514 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 4909	<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: 13 PS4: -1 PS5: -9 PS6: -1	Start time (from RC): 22:13:05 Stop time (from RC): 22:48:40	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 110575 k $e-K\Lambda$ evts: 1178	SHMS pretrig: 93154 k $\Sigma e-K\Lambda$ evts: 21124	COIN pretrig: 1048 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

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Date: 10/2/18

Initials: BD

## Continuation of Configuration:

$Q^2 = 2.115$   $M = 2.95$   
 $x = 0.21$ , high  $E_{SHMS}$  LEFT

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

Run Number: 4910	<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.	PS1: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:54:51 Stop time (from RC): 23:20:01	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 20864 k	SHMS pretrig: 14527 k	COIN pretrig: 80 k
Comments:	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk						

Only 5 min of this run, the beam was ON.

Run Number: 4911	<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.	PS1: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:45:30 Stop time (from RC): 00:41	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 38019 k	SHMS pretrig: 26420 k	COIN pretrig: 146 k
Comments:	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk						

Only 15 min of this run had 40  $\mu$ A beam.

Run Number: 4912	<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.	PS1: 13 PS2: -1 PS3: 13 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 01:42 Stop time (from RC): 02:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 54624 k	SHMS pretrig: 38076 k	COIN pretrig: 201 k
Comments:	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk						

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	SHMS pretrig: k	COIN pretrig: k
Comments:	<input type="checkbox"/> Data ok <input type="checkbox"/> Junk						

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	SHMS pretrig: k	COIN pretrig: k
Comments:	<input type="checkbox"/> Data ok <input type="checkbox"/> Junk						

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	SHMS pretrig: k	COIN pretrig: k
Comments:	<input type="checkbox"/> Data ok <input type="checkbox"/> Junk						



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

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Use a separate sheet for each configuration.

Date: 18/10/3

Initials: NA

**Configuration Name:**  
 $Q^2 = 2.115$ ,  $W = 2.95$   
 $x = 0.21$ , high  $\epsilon$ , SHMS center

$E_{\text{beam}} = 10.97$  GeV  $I_{\text{beam}} = 60$   $\mu$ A

**HMS**  
 $p_{\text{HMS}} = -5.292$   $\theta(\text{TV}) = 11.159$

**SHMS**  
 $p_{\text{SHMS}} = +4.9830$   $\theta(\text{TV}) = 10.735$

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

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

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

Beam position and angle on target:

3H07A	X	Y
-0.005 mm	-0.999 mm	
Nomin: 0	Nomin: -1	
3H07C	X	Y
0.018 mm	0.092 mm	
Nomin: 0	Nomin: 0	

HMS		SHMS		
I-SET	A	I-SET	A	HB
689.6110		1663.83		
B-HALL		B-HALL		
0.675	kg	-10.630	kg	
I-SET	A	I-SET	A	Q1
550.1552		1646.28		
B-HALL		B-HALL		
-1.074	kg	7.457	kg	
I-SET	A	I-SET	A	Q2
266.4075		1757.41		
B-HALL		B-HALL		
0.536	kg	-16.583	kg	
I-READ	A	I-SET	A	Q3
1657.50		1176.36		
B-NMR		B-HALL		
1.45145	kg	-11.251	kg	
<input checked="" type="checkbox"/> HMS cycled?		I-SET	A	D
<input checked="" type="checkbox"/> SHMS cycled?		1589.83		
		B-NMR		
		11.397	kg	

<b>Run Number:</b> 4913	<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: 12 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	<b>Start time (from RC):</b> 0235 <b>Stop time (from RC):</b> 0318	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> 65560 k <b>e-K<math>\Lambda</math> evts:</b> —	<b>SHMS pretrig:</b> 148199 k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> —	<b>COIN pretrig:</b> 519 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b>							

<b>Run Number:</b> 4914	<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: 13 PS2: -1 PS3: 12 PS4: -1 PS5: 0 PS6: -1	<b>Start time (from RC):</b> 0334 <b>Stop time (from RC):</b> 0355	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> 88896 k <b>e-K<math>\Lambda</math> evts:</b> 896	<b>SHMS pretrig:</b> 277003 k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> 896	<b>COIN pretrig:</b> 2772 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b> charge = 46.85 mC							

<b>Run Number:</b> 4915	<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: _____	<b>Start time (from RC):</b>  <b>Stop time (from RC):</b> 	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	<b>HMS pretrig:</b> k <b>e-K<math>\Lambda</math> evts:</b> 	<b>SHMS pretrig:</b> k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> 	<b>COIN pretrig:</b> k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
<b>Comments:</b> Bad Beam :-							

<b>Run Number:</b> 4916	<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: 13 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	<b>Start time (from RC):</b> 0644 <b>Stop time (from RC):</b> 0718	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	<b>HMS pretrig:</b> 126416 k <b>e-K<math>\Lambda</math> evts:</b> 1564	<b>SHMS pretrig:</b> 391228 k <b><math>\Sigma</math> e-K<math>\Lambda</math> evts:</b> 2460	<b>COIN pretrig:</b> 3023 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
<b>Comments:</b> Charge = 66.42 mC $\Sigma = 113.27$							

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

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

Date: 18/10/3

Initials: PA

## Continuation of Configuration:

$Q^2 = 2.115$ ,  $W = 2.45$ ,  $x = 0.21$

high  $\epsilon$ , SHMS Center

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

Run Number: 4917	<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: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:21 Stop time (from RC): 08:23:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 172311 k e-K $\Lambda$ evts: 2362	SHMS pretrig: 531606 k $\Sigma$ e-K $\Lambda$ evts: 4822	COIN pretrig: 3281 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Charge = 90.215 mC

$\Sigma = 203.242$

Run Number: 4918	<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: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 08:23:43 Stop time (from RC): 09:23:43	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 230653 k e-K $\Lambda$ evts: 2297	SHMS pretrig: 718725 k $\Sigma$ e-K $\Lambda$ evts: 7119	COIN pretrig: 7225 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Charge = 121.58 mC

$\Sigma = 324.822$  mC

Run Number: 4919	<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: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 09:29:00 Stop time (from RC): 10:31:06	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 202385 k e-K $\Lambda$ evts: 1975	SHMS pretrig: 630736 k $\Sigma$ e-K $\Lambda$ evts: 9094	COIN pretrig: 6365 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Charge = 106.676 mC

$\Sigma = 431.498$  mC

Run Number: 4920	<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: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 10:31:55 Stop time (from RC): 11:38:23	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 217422 k e-K $\Lambda$ evts: 2286	SHMS pretrig: 675821 k $\Sigma$ e-K $\Lambda$ evts: 11374	COIN pretrig: 6533 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Charge = 114.537 mC

$\Sigma = 546.035$  mC

Run Number: 4921	<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: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 11:39:10 Stop time (from RC): 12:47:15	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 286715 k e-K $\Lambda$ evts: 2798	SHMS pretrig: 893352 k $\Sigma$ e-K $\Lambda$ evts: 14172	COIN pretrig: 8824 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Charge = 151.208 mC

$\Sigma = 697.243$  mC

Run Number: 4922	<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: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 12:48:07 Stop time (from RC): 13:51:34	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 199666 k e-K $\Lambda$ evts: 2189	SHMS pretrig: 619811 k $\Sigma$ e-K $\Lambda$ evts: 16,361	COIN pretrig: 5672 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Charge = 105.246

$\Sigma = 802$  mC



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

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

Date: 10 / 3 / 18

Initials: *myr*

## Continuation of Configuration:

$$Q^2 = 2.115 \text{ W} = 2.45$$

$$x = 0.21 \text{ high } e \text{ SHMS Center}$$

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

Run Number: <b>4923</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: 13 PS2: -1 PS3: 11 PS4: -1 PS5: 8 PS6: -1	Start time (from RC): 13:53:54 Stop time (from RC): 14:54:15	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 207471 k e-K $\Lambda$ evts: 2286	SHMS pretrig: 644583 k $\Sigma$ e-K $\Lambda$ evts: 18644	COIN pretrig: 54580 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: Charge = 109.291 mC $\Sigma = 911$ mC							

Run Number: <b>4924</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: 13 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:20:24 Stop time (from RC): 17:13:04	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 181839 k e-K $\Lambda$ evts: 2030	SHMS pretrig: 565167 k $\Sigma$ e-K $\Lambda$ evts: 20674	COIN pretrig: 5167 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: charge = 96.42 mC $\Sigma = 1007.42$ mC							

Run Number: <b>4945</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: 13 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:39 Stop time (from RC): 18:36	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 194462 k e-K $\Lambda$ evts: 2015	SHMS pretrig: 604260 k <del>22689</del>	COIN pretrig: 5572 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4946</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:37 Stop time (from RC): 19:20	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: 189303 k e-K $\Lambda$ evts: 2002	SHMS pretrig: 589088 k <del>58927</del>	COIN pretrig: 5434 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 24691							

Run Number: <b>4947</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:21 Stop time (from RC): 19:50	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: 105531 k e-K $\Lambda$ evts: 1038	SHMS pretrig: 327993 k <del>10948</del>	COIN pretrig: 3017 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 25729							

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/)

Use a separate sheet for each configuration.

Date: 10 / 3 / 18

Initials: BD

Configuration Name: \_\_\_\_\_

$Q^2 = 2.115$ ,  $W = 2.95$

$x = 0.21$ , High E, 5 SHMS

$E_{\text{beam}} = 10.596$  GeV

$I_{\text{beam}} = 35$   $\mu\text{A}$

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: \_\_\_\_\_

Raster: ☒ On ☐ Off

Size: 2x2

Beam position and angle on target:

3H07A	X	Y
-0.097 mm	0.017 mm	
Nomin:	Nomin:	
3H07C	X	Y
-0.097 mm	-0.029 mm	
Nomin:	Nomin:	

HMS

SHMS

Q1	I-SET 689.79 A B-HALL 0.676 kg	I-SET 1663.45 A B-HALL -10.630 kg	HB
Q2	I-SET 550.36 A B-HALL -1.074 kg	I-SET 1046.24 A B-HALL 7.457 kg	Q1
Q3	I-SET 266.11 A B-HALL 0.533 kg	I-SET 1757.44 A B-HALL -16.583 kg	Q2
D	I-READ 1657.53 A B-NMR 145151 kg	I-SET 1156.24 A B-HALL -11.250 kg	Q3
	<input type="checkbox"/> HMS cycled?	I-SET 1589.96 A B-NMR 11.390 kg	D

HMS

$p_{\text{+/-}} = -5.2920$   $\theta(\text{TV}) = 11.159$

SHMS

$p_{\text{+/-}} = +4.9830$   $\theta(\text{TV}) = 7.735$

Collimator:

HMS: Large ☒  
Sieve ☐

SHMS: Large ☒  
Sieve ☐

Run Number:

4925

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

PS1: 13  
PS2: -1  
PS3: 11  
PS4: -1  
PS5: 9  
PS6: -1

Start time (from RC):

18:49:39

Stop time (from RC):

19:48:19

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

149691 k

SHMS pretrig:

1573892 k

COIN pretrig:

8684 k

$e-K\Lambda$  evts:

761

$\Sigma e-K\Lambda$  evts:

761

☒ Data ok

☐ Junk

Comments:

Run Number:

4926

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

PS1: 14  
PS2: -1  
PS3: 11  
PS4: -1  
PS5: 9  
PS6: -1

Start time (from RC):

19:49:02

Stop time (from RC):

19:52:10

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

188626 k

SHMS pretrig:

1981026 k

COIN pretrig:

1101 k

$e-K\Lambda$  evts:

960

$\Sigma e-K\Lambda$  evts:

1721

☒ Data ok

☐ Junk

Comments:

Run Number:

4927

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

PS1: 14  
PS2: -1  
PS3: 11  
PS4: -1  
PS5: 9  
PS6: -1

Start time (from RC):

20:57:14

Stop time (from RC):

20:53:41

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

192896 k

SHMS pretrig:

2024893 k

COIN pretrig:

11467 k

$e-K\Lambda$  evts:

776

$\Sigma e-K\Lambda$  evts:

2497

☒ Data ok

☐ Junk

Comments:

Run Number:

4928

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

PS1: 14  
PS2: -1  
PS3: 11  
PS4: -1  
PS5: 9  
PS6: -1

Start time (from RC):

21:54

Stop time (from RC):

23:02

☒ Settings Verified?

☒ HV OK?

HMS pretrig:

159271 k

SHMS pretrig:

1670307 k

COIN pretrig:

9205 k

$e-K\Lambda$  evts:

785

$\Sigma e-K\Lambda$  evts:

3282

☒ 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: 10/3/18

Initials: RD

## Continuation of Configuration:

$$Q^2 = 2.115, W = 2.95$$

$x = 0.21$ , high  $E$ ,  $S_{rms}$  RIGHT

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

Run Number: <b>4929</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: <u>14</u> PS2: <u>14</u> PS3: <u>14</u> PS4: <u>14</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>23:03</u> Stop time (from RC): <u>00:00</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>207308</u> k e-K $\Lambda$ evts: <u>886</u>	SHMS pretrig: <u>2177047</u> k $\Sigma$ e-K $\Lambda$ evts: <u>4168</u>	COIN pretrig: <u>12355</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

154792K 1625551K 9734K

Run Number: <b>4930</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: <u>14</u> PS2: <u>14</u> PS3: <u>14</u> PS4: <u>14</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>00:01</u> Stop time (from RC): <u>00:44</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>64065</del> k e-K $\Lambda$ evts: <u>644</u>	SHMS pretrig: <del>680</del> k $\Sigma$ e-K $\Lambda$ evts: <u>4812</u>	COIN pretrig: <del>238</del> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

$\sim 7.3$  M Frig

Run Number: <b>4931</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: <u>14</u> PS2: <u>14</u> PS3: <u>14</u> PS4: <u>14</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>00:45</u> Stop time (from RC): <u>01:25</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>1345397</del> k <u>43439</u> k e-K $\Lambda$ evts: <u>622</u>	SHMS pretrig: <del>1413289</del> k <u>1413289</u> k $\Sigma$ e-K $\Lambda$ evts: <u>5434</u>	COIN pretrig: <del>80356</del> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

$\sim 7.0$  M Frig.

Run Number: <b>4932</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: <u>14</u> PS2: <u>14</u> PS3: <u>14</u> PS4: <u>14</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>1:25</u> Stop time (from RC): <u>2:03</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>134304K</del> k <u>134304</u> k e-K $\Lambda$ evts: <u>619</u>	SHMS pretrig: <del>1409608K</del> k <u>1409608</u> k $\Sigma$ e-K $\Lambda$ evts: <u>6053</u>	COIN pretrig: <del>8014K</del> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

$\sim 7$  M Frig

Run Number: <b>4933</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: <u>14</u> PS2: <u>14</u> PS3: <u>14</u> PS4: <u>14</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>2:08</u> Stop time (from RC): <u>2:47</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>140670K</del> k <u>140670</u> k e-K $\Lambda$ evts: <u>551</u>	SHMS pretrig: <del>1476671K</del> k <u>1476671</u> k $\Sigma$ e-K $\Lambda$ evts: <u>6604</u>	COIN pretrig: <del>8401K</del> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

$7.35$  M

Run Number: <b>4934</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: <u>14</u> PS2: <u>14</u> PS3: <u>14</u> PS4: <u>14</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>2:48</u> Stop time (from RC): <u>3:28</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <del>151347K</del> k <u>151347</u> k e-K $\Lambda$ evts: <u>659</u>	SHMS pretrig: <del>1590653K</del> k <u>1590653</u> k $\Sigma$ e-K $\Lambda$ evts: <u>7263</u>	COIN pretrig: <del>9085K</del> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

$8.0$  M



# 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: 10/4/2018

Initials: EF

## Continuation of Configuration:

$Q^2 = 2.115$ ,  $W = 2.95$

$x = 0.21$ , high  $E$ , SHMS Right

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

Run Number: <b>4935</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>3:29</b> Stop time (from RC): <b>3:32</b>	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK?	HMS pretrig: <b>10157k</b> k e-K $\Lambda$ evts: <b>53</b>	SHMS pretrig: <b>106926k</b> k $\Sigma$ e-K $\Lambda$ evts: <b>7316</b>	COIN pretrig: <b>611k</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

~~600 data for~~  $\sim 500k$  data usable in full station for full replay testing purpose

Run Number: <b>4936</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>3:32</b> Stop time (from RC): <b>4:18</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>150342k</b> k e-K $\Lambda$ evts: <b>663</b>	SHMS pretrig: <b>14780k</b> k $\Sigma$ e-K $\Lambda$ evts: <b>7979</b>	COIN pretrig: <b>8707k</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

7.5 M triggers

Run Number: <b>4937</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>4:19</b> Stop time (from RC): <b>5:10</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>112183</b> k e-K $\Lambda$ evts: <b>505</b>	SHMS pretrig: <b>1177194</b> k $\Sigma$ e-K $\Lambda$ evts: <b>8484</b>	COIN pretrig: <b>6617</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

5.8 M triggers

Run Number: <b>4938</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>7:44</b> Stop time (from RC): <b>8:44</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>199164</b> k e-K $\Lambda$ evts: <b>875</b>	SHMS pretrig: <b>2090347</b> k $\Sigma$ e-K $\Lambda$ evts: <b>9359</b>	COIN pretrig: <b>11838</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

started after @ 2:45 h down time...

Run Number: <b>4939</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>8:45</b> Stop time (from RC): <b>9:46</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>188039</b> k e-K $\Lambda$ evts: <b>806</b>	SHMS pretrig: <b>1973295</b> k $\Sigma$ e-K $\Lambda$ evts: <b>10,145</b>	COIN pretrig: <b>1175</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: <b>4940</b>	<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.	PS1: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): <b>13:24</b> Stop time (from RC): <b>13:49</b>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <b>30115</b> k e-K $\Lambda$ evts: <b>0</b>	SHMS pretrig: <b>221306</b> k $\Sigma$ e-K $\Lambda$ evts: <b>10165</b>	COIN pretrig: <b>556</b> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Stopped early because MLC was messing with the beam position.

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

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

Date: 10/4/18

Initials: HDB.

## Continuation of Configuration:

$Q^2 = 2.115, W = 2.485$

$X = 0-21$ , High E, SHMS RIGHT

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

Run Number: <b>4941</b>	<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.	PS1: <u>12</u> PS2: <u>-1</u> PS3: <u>10</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>13:51</u> Stop time (from RC): <u>14:36</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>34842</u> k e-K $\Lambda$ evts: <u>26</u>	SHMS pretrig: <u>256546</u> k $\Sigma$ e-K $\Lambda$ evts: <u>10165</u>	COIN pretrig: <u>663</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4942</b>	<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.	PS1: <u>12</u> PS2: <u>-1</u> PS3: <u>10</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>14:39</u> Stop time (from RC): <u>15:11</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>43493</u> k e-K $\Lambda$ evts: <u>29</u>	SHMS pretrig: <u>319849</u> k $\Sigma$ e-K $\Lambda$ evts: <u>10165</u>	COIN pretrig: <u>830</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4943</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: <u>14</u> PS2: <u>-1</u> PS3: <u>11</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>15:26</u> Stop time (from RC): <u>16:26</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>158397</u> k e-K $\Lambda$ evts: <u>728</u>	SHMS pretrig: <u>1662014</u> k $\Sigma$ e-K $\Lambda$ evts: <u>10893</u>	COIN pretrig: <u>9177</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4944</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: <u>14</u> PS2: <u>-1</u> PS3: <u>11</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>16:27</u> Stop time (from RC): <u>17:28</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>219861</u> k e-K $\Lambda$ evts: <u>997</u>	SHMS pretrig: <u>2307368</u> k $\Sigma$ e-K $\Lambda$ evts: <u>11890</u>	COIN pretrig: <u>13006</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4948</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: <u>14</u> PS2: <u>-1</u> PS3: <u>11</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>19:57</u> Stop time (from RC): <u>20:58</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>197032</u> k e-K $\Lambda$ evts: <u>762</u>	SHMS pretrig: <u>2073317</u> k $\Sigma$ e-K $\Lambda$ evts: <u>12652</u>	COIN pretrig: <u>11638</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4949</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: <u>14</u> PS2: <u>-1</u> PS3: <u>11</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>20:59</u> Stop time (from RC): <u>22:10</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: <u>194676</u> k e-K $\Lambda$ evts: <u>795</u>	SHMS pretrig: <u>2050043</u> k $\Sigma$ e-K $\Lambda$ evts: <u>13447</u>	COIN pretrig: <u>11617</u> 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: 10/4/18

Initials: HDB

## Continuation of Configuration:

$$Q^2 = 2.15, W = 2.95$$

$X = 0.21$ , High E, SHMS Right

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

Run Number: <b>4950</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:11 Stop time (from RC): 23:10	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 204341 k e-K $\Lambda$ evts: 937	SHMS pretrig: 2150617 k $\Sigma$ e-K $\Lambda$ evts: 14384	COIN pretrig: 12222 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4951</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:11 Stop time (from RC): 00:08	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 140422 k e-K $\Lambda$ evts: 710	SHMS pretrig: 2004023 k $\Sigma$ e-K $\Lambda$ evts: 15094	COIN pretrig: 11388 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4952</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 00:08 Stop time (from RC): 00:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 165073 k e-K $\Lambda$ evts: 706	SHMS pretrig: 1739109 k $\Sigma$ e-K $\Lambda$ evts: 15800	COIN pretrig: 7904 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4953</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 00:56 Stop time (from RC): 01:35	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 139354 k e-K $\Lambda$ evts: 699	SHMS pretrig: 1466151 k $\Sigma$ e-K $\Lambda$ evts: 16499	COIN pretrig: 8359 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4954</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 01:38 Stop time (from RC): 02:26	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 145355 k e-K $\Lambda$ evts: 585	SHMS pretrig: 1528724 k $\Sigma$ e-K $\Lambda$ evts: 17084	COIN pretrig: 8592 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: <b>4955</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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 02:27 Stop time (from RC): 03:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 161246 k e-K $\Lambda$ evts: 750	SHMS pretrig: 1698384 k $\Sigma$ e-K $\Lambda$ evts: 17834	COIN pretrig: 9573 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: 05/10/18

Initials: AA

## Continuation of Configuration:

$$Q^2 = 2.15, v = 2.95$$

$x = 0.21$ , high  $\epsilon$ , stms right

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

Run Number: 4956	<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: 29 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 0326 Stop time (from RC): 0425	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 170694 k e-K $\Lambda$ evts: 688	SHMS pretrig: 1795917 k $\Sigma$ e-K $\Lambda$ evts: 18522	COIN pretrig: 16147 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 4957	<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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 0427 Stop time (from RC): 0516	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 156543 k e-K $\Lambda$ evts: 717	SHMS pretrig: 1646613 k $\Sigma$ e-K $\Lambda$ evts: 19239	COIN pretrig: k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 4958	<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: 14 PS2: 7 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 0517 Stop time (from RC): 06:17	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 156543 k e-K $\Lambda$ evts: 755	SHMS pretrig: 1596737 k $\Sigma$ e-K $\Lambda$ evts: 19994	COIN pretrig: k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 4959	<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: 14 PS2: -1 PS3: 11 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 06:18 Stop time (from RC): 06:58	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK?	HMS pretrig: 125288 k e-K $\Lambda$ evts: 535	SHMS pretrig: 1317640 k $\Sigma$ e-K $\Lambda$ evts: 20529	COIN pretrig: 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.	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
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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.	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
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Comments: