

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19, 4, 7
yy mm dd

Initials: JH

Use a separate sheet for each configuration.

Configuration Name:

$Q^2 = 5.5$, $W = 3.02$, $x = 0.40$

SHMS left $\theta = 8.50$

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: _____

Raster: ☒ On ☐ Off
Size: 20×20

Beam position and angle on target:

3H07A	X	Y
-0.31 mm	-0.158 mm	
Nomin: -0.3	Nomin: -0.2	
3H07C	X	Y
-1.004 mm	0.499 mm	
Nomin: -1.0	Nomin: +0.5	

HMS

SHMS

Q1	I-SET (from PSU) 125.35 A B-HALL 0.121 kg	I-SET (from PSU) 22 83.40 A B-HALL -14.504 kg	HB
Q2	I-SET (from PSU) 99.09 A B-HALL -0.161 kg	I-SET (from PSU) 1423.08 A B-HALL 10.097 kg	Q1
Q3	I-SET (from PSU) 48.25 A B-HALL 0.093 kg	I-SET (from PSU) 2381.30 A B-HALL -72.462 kg	Q2
D	I-READ 293.13 A B-NMR 0.26336 kg	I-SET (from PSU) 1567.16 A B-HALL -15.112 kg	Q3
	If momentum increased: <input type="checkbox"/> HMS cycled? <input checked="" type="checkbox"/> SHMS cycled?	I-SET (from PSU) 2155.00 A B-NMR 15.638 kg	D

Run Number:

8186

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

PS1: 12
PS2: -1
PS3: 6
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

10:05

Stop time (from RC):

10:42

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 154 k

$e-K\Lambda$ evts:
2 (?)

SHMS prescale
pretrig: 181 k

$\Sigma e-K\Lambda$ evts:
/

COIN
pretrig: 107 k

☒ Data ok
☐ Junk

Comments:

Ended early because of PSS trip

Poor fit due to low statistics, need to wait until we have more runs

Run Number:

8187

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

PS1: 12
PS2: -1
PS3: 6
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

14:00

Stop time (from RC):

15:00

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 279 k

$e-K\Lambda$ evts:
71 (?)

SHMS prescale
pretrig: 329 k

$\Sigma e-K\Lambda$ evts:
/

COIN
pretrig: 187 k

☒ Data ok
☐ Junk

Comments:

Run Number:

8188

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

PS1: 12
PS2: -1
PS3: 6
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

15:00

Stop time (from RC):

16:01

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 264 k

$e-K\Lambda$ evts:
10 (2)

SHMS prescale
pretrig: 310 k

$\Sigma e-K\Lambda$ evts:
/

COIN
pretrig: 178 k

☒ Data ok
☐ Junk

Comments:

By eye Λ Fit

Run Number:

8189

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

PS1: 12
PS2: -1
PS3: 6
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

16:02

Stop time (from RC):

17:02

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 248 k

$e-K\Lambda$ evts:
8 (2)

SHMS prescale
pretrig: 293 k

$\Sigma e-K\Lambda$ evts:
/

COIN
pretrig: 170 k

☒ Data ok
☐ Junk

Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/7
yy mm dd

Initials: SK

Continuation of Configuration:

$Q^2 = 5.5$ $W = 3.02$ $z = 0.4$
SHMS left 8.50°

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

Run Number: 8140	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:02 Stop time (from RC): 18:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 265 k SHMS prescale: 314 k COIN pretrig: 179 k e-K Λ evts: 8 (12(5)) Σ e-K Λ evts: /	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8191	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:02 Stop time (from RC): 19:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 283 k SHMS prescale: 335 k COIN pretrig: 189 k e-K Λ evts: 13 (5) Σ e-K Λ evts: /	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: Chained runs 8186-8191 $\rightarrow K\Lambda = 127$ (Probably too high)

Run Number: 8192	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:02 Stop time (from RC): 20:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 266 k SHMS prescale: 315 k COIN pretrig: 379 k e-K Λ evts: 7 (37) Σ e-K Λ evts: /	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8193	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:02 Stop time (from RC): 21:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 257 k SHMS prescale: 305 k COIN pretrig: 174 k e-K Λ evts: 15 (7) Σ e-K Λ evts: /	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8194	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:02 Stop time (from RC): 22:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale: 262 k SHMS prescale: 312 k COIN pretrig: 179 k e-K Λ evts: 18 (11) Σ e-K Λ evts: /	<input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8195	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:02 Stop time (from RC): 23:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale: 277 k SHMS prescale: 324 k COIN pretrig: 187 k e-K Λ evts: 15 (7) Σ e-K Λ evts: /	<input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: Chain 8186-8195 $\rightarrow K\Lambda = 144$

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19, 4, 7
yy mm dd

Initials: SK

Continuation of Configuration:

$Q^2 = 5.5, W = 3.02$
 $x = 0.4, \text{SHMS left } 8.5^\circ$

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

Run Number: 8196	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 9 PS6: 7	Start time (from RC): 23:02 Stop time (from RC): 00:02	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 261 k e-K Λ evts: 15 114	SHMS prescale pretrig: 311 k Σ e-K Λ evts: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk	COIN pretrig: 177 k
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Run Number: 8197	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 00:02 Stop time (from RC): 01:00	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 270 k e-K Λ evts: 10 161	SHMS prescale pretrig: 328 k Σ e-K Λ evts: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk	COIN pretrig: 182 k
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70 μ A

Run Number: 8198	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 01:01 Stop time (from RC): 01:59	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 265 k e-K Λ evts: 16 112	SHMS prescale pretrig: 317 k Σ e-K Λ evts: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk	COIN pretrig: 179 k
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70 μ A

Run Number: 8199	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 9 PS6: -1	Start time (from RC): 02:00 Stop time (from RC): 03:04	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 265 k e-K Λ evts: 10 161	SHMS prescale pretrig: 316 k Σ e-K Λ evts: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk	COIN pretrig: 182 k
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70 μ A

Run Number: 8200	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 03:04 Stop time (from RC): 04:00	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 245 k e-K Λ evts: 9 161	SHMS prescale pretrig: 292 k Σ e-K Λ evts: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk	COIN pretrig: 167 k
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70 μ A

Run Number: 8201	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 4:00 Stop time (from RC): 05:01	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 232 k e-K Λ evts: 10 1525	SHMS prescale pretrig: 276 k Σ e-K Λ evts: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk	COIN pretrig: 162 k
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70 μ A

(fitting wax too hard)

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/8
yy mm dd

Initials: V.K

Continuation of Configuration:

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

$Q^2 = 5.5$ $W = 3.02$
 $x = 0.4$, SHMS led 25

Run Number: 8202	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 05:02 Stop time (from RC): 05:47	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 124 k e-KA evts: 161	SHMS prescale pretrig: 153 k Σ e-KA evts:	COIN pretrig: 97 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run has stopped before an hour because accelerator magnet got problem.

Run Number: 8203	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:07 Stop time (from RC): 08:01	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 248.6 k e-KA evts: (12)	SHMS prescale pretrig: 297.1 k Σ e-KA evts:	COIN pretrig: 167.8 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8204	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 08:01 Stop time (from RC): 8:31	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 128.8 k e-KA evts: (3)	SHMS prescale pretrig: 153.9 k Σ e-KA evts:	COIN pretrig: 87.5 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Beam off @ 8:31 for beam studies
Chain 8186-8204 \rightarrow 256 kA (Looks OK!)

Run Number: 8205	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:20 Stop time (from RC): 16:58	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 153 k e-KA evts: 5 (1)	SHMS prescale pretrig: 182 k Σ e-KA evts:	COIN pretrig: 104 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run ended early, beam stability issues

Run Number: 8206	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:24 Stop time (from RC): 18:33	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 271 k e-KA evts: 13 (4)	SHMS prescale pretrig: 323 k Σ e-KA evts:	COIN pretrig: 185 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8207	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:34 Stop time (from RC): 19:34	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 175 k e-KA evts: 11 (6)	SHMS prescale pretrig: 204 k Σ e-KA evts:	COIN pretrig: 124 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Chain 8186-8207 \rightarrow 294 kA

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

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Date: 19, 4, 8
yy mm dd

Initials: SK

Continuation of Configuration:

$Q^2 = 5.5, W = 3.02, x = 0.4$

SHMS Left $\theta = 8.5^\circ$

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

Run Number: 8208	<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: 9 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:58 Stop time (from RC): 20:08	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: 220 k e-K Λ evts: /	SHMS prescale pretrig: 210 k Σ e-K Λ evts: /	COIN pretrig: 46 k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
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Comments:

Beam quality
average

40MA

JUNK

Run Number: 8209	<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: 9 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:10 Stop time (from RC): 21:21	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 220 k e-K Λ evts: /	SHMS prescale pretrig: 210 k Σ e-K Λ evts: /	COIN pretrig: 46 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

40MA

Run Number: 8210	<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: 9 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:22 Stop time (from RC): 22:27	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 279 k e-K Λ evts: /	SHMS prescale pretrig: 268 k Σ e-K Λ evts: /	COIN pretrig: 43 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

40MA

Run Number: 8211	<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: 9 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:27 Stop time (from RC): 23:45	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 355 k e-K Λ evts: /	SHMS prescale pretrig: 342 k Σ e-K Λ evts: /	COIN pretrig: 52 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

40MA

Run Number: 8212	<input checked="" 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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:55 Stop time (from RC): 00:56	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 236 k e-K Λ evts: 16/151	SHMS prescale pretrig: 284 k Σ e-K Λ evts: /	COIN pretrig: 164 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

70 MA again

Run Number: 8213	<input checked="" 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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 00:59 Stop time (from RC): 01:56	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 241 k e-K Λ evts: 9/171	SHMS prescale pretrig: 290 k Σ e-K Λ evts: /	COIN pretrig: 164 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

70 MA

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/8
yy mm dd

Initials: V.12

Continuation of Configuration:

$\theta^2 = 5.5, W = 3.0, K = 0.4$
SHMS led $\theta = 8.5$

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

Run Number: 8214	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 01:57 Stop time (from RC): 03:01	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 296 k e-K Λ evts: 10181	SHMS prescale pretrig: 358 k Σ e-K Λ evts:	COIN pretrig: 198 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: 70 uA

Run Number: 8215	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 03:02 Stop time (from RC): 04:07	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 302 k e-K Λ evts: 141151	SHMS prescale pretrig: 365 k Σ e-K Λ evts:	COIN pretrig: 203 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: 70 uA

Run Number: 8216	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 04:08 Stop time (from RC): 05:07	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 255 k e-K Λ evts: 9141	SHMS prescale pretrig: 308 k Σ e-K Λ evts:	COIN pretrig: 173 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8217	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 05:08 Stop time (from RC): 05:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 40 k e-K Λ evts: X	SHMS prescale pretrig: 48 k Σ e-K Λ evts:	COIN pretrig: 35 k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: very short run, beam was switched off.

Run Number: 8218	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 06:07 Stop time (from RC): 07:08	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 154 k e-K Λ evts: 10141	SHMS prescale pretrig: 184 k Σ e-K Λ evts:	COIN pretrig: 118 k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8219	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:09 Stop time (from RC): 08:06	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 60 k e-K Λ evts: 4 (5)	SHMS prescale pretrig: 627 k Σ e-K Λ evts:	COIN pretrig: 54 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: In this run beam was very bad.

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19, 4, 9
yy mm dd

Initials: WDC

Continuation of Configuration:

$Q^2 = 5.5$, $W = 3.0$, $x = 0.4$
SHMS $\theta = 8.5$

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

Run Number: 8220	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 09:07 Stop time (from RC): 09:06	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 156 k SHMS prescale 176 k e-K Λ evts: 11 (2)	COIN pretrig: 104 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8221	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 09:07 Stop time (from RC): 10:03	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 202 k SHMS prescale 233 k e-K Λ evts: 8 (101)	COIN pretrig: 126 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8222	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 10:04 Stop time (from RC): 11:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 304 k SHMS prescale 352 k e-K Λ evts: 12 (10)	COIN pretrig: 190 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8223	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 11:26 Stop time (from RC): 12:43	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 296 k SHMS prescale 343 k e-K Λ evts: 16 (16)	COIN pretrig: 184 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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$\Sigma = 630$

Run Number: 8224	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 12:43 Stop time (from RC): 13:43	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 234 k SHMS prescale 277 k e-K Λ evts: 9 (111)	COIN pretrig: 154 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8225	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:43 Stop time (from RC): 14:51	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 258 k SHMS prescale 311 k e-K Λ evts: 11 (5)	COIN pretrig: 179 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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$p(e,e'K)\Lambda$ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19.4.9
yy mm dd

Initials: WDC/scs

Continuation of Configuration:

$Q^2 = 5.5$, $W = 30$, $z = 0.4$
SHMS θ_{eff} , $\theta = 8.5$

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

Run Number: 8226	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 14:53 Stop time (from RC): 16:00:29	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 261.2 k e-K Λ evts: 23 (16)	SHMS prescale pretrig: 217.1 k Σ e-K Λ evts: /	COIN pretrig: 177.8 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μ A							

Run Number: 8227	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:01:14 Stop time (from RC): 17:01:28	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 240.1 k e-K Λ evts: 13 (15)	SHMS prescale pretrig: 289 k Σ e-K Λ evts: 499	COIN pretrig: 162.8 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μ A							

Run Number: 8228	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:02:02 Stop time (from RC): 18:05:10	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 282.8 k e-K Λ evts: 17 (13)	SHMS prescale pretrig: 341.6 k Σ e-K Λ evts: /	COIN pretrig: 189.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μ A							

Run Number: 8229	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:05:48 Stop time (from RC): 19:05:32	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 263.6 k e-K Λ evts: 7 (10)	SHMS prescale pretrig: 318.8 k Σ e-K Λ evts: 520	COIN pretrig: 177.2 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μ A							

Run Number: 8230	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:07:22 Stop time (from RC): 20:10:10	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 271.2 k e-K Λ evts: 17 (14)	SHMS prescale pretrig: 328.3 k Σ e-K Λ evts: /	COIN pretrig: 182.9 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μ A							

Run Number: 8231	<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: 12 PS2: -1 PS3: 0 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:10:48 Stop time (from RC): 21:21:35	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 316.0 k e-K Λ evts: 12 (11)	SHMS prescale pretrig: 383.6 k Σ e-K Λ evts: 554	COIN pretrig: 213.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μ A							

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19, 4, 9
yy mm dd

Initials: SCB

Continuation of Configuration:

$Q^2=5.5$, $W=3.02$, $x=0.4$

SHMS LEFT $\theta = 8.5^\circ$

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

Run Number: 8232	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:22:15 Stop time (from RC): 22:35:09	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 335 k e-K Λ evts: 10 (15)	SHMS prescale pretrig: 407.4 k Σ e-K Λ evts: _____	COIN pretrig: 225.8 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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70 μ A

Run Number: 8233	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:35:51 Stop time (from RC): 23:34:34	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 240.5 k e-K Λ evts: 16 (15)	SHMS prescale pretrig: 291.2 k Σ e-K Λ evts: 592	COIN pretrig: 164.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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70 μ A

Run Number: 8234	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:35:07 Stop time (from RC): 0:18	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 193 k e-K Λ evts: 10	SHMS prescale pretrig: 235 k Σ e-K Λ evts: 609	COIN pretrig: 131 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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70 μ A

Run Number: 8235	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 0:19 Stop time (from RC): 1:21	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 282 k e-K Λ evts: 14	SHMS prescale pretrig: 343 k Σ e-K Λ evts: 622	COIN pretrig: 190 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8236	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 1:22 Stop time (from RC): 2:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 297 k e-K Λ evts: 17	SHMS prescale pretrig: 360 k Σ e-K Λ evts: 651	COIN pretrig: 201 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8237	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 2:31 Stop time (from RC): 3:37	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 264 k e-K Λ evts: 13	SHMS prescale pretrig: 320 k Σ e-K Λ evts: 673	COIN pretrig: 182 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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$p(e,e'K)\Lambda$ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 10
yy mm dd

Initials: RM/SCB

Continuation of Configuration:

$Q^2 = 5.5$, $W = 3.02$, $X = 0.4$

SHMS Left $\theta = 8.5^\circ$

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

Run Number: 8238	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 3:37 Stop time (from RC): 4:52	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 303 k pretrig: e-K Λ evts: 17	SHMS prescale: 368 k pretrig: Σ e-K Λ evts: 702	COIN pretrig: 210 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8239	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 4:52 Stop time (from RC): 5:56	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 274 k pretrig: e-K Λ evts: 7	SHMS prescale: 334 k pretrig: Σ e-K Λ evts: 723	COIN pretrig: 188 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8240	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 5:56 Stop time (from RC): 7:00	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 215 k pretrig: e-K Λ evts: 7	SHMS prescale: 260 k pretrig: Σ e-K Λ evts: 739	COIN pretrig: 155 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8241	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 7:00 Stop time (from RC): 7:56	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 242.6 k pretrig: e-K Λ evts: 8	SHMS prescale: 295.1 k pretrig: Σ e-K Λ evts: 747	COIN pretrig: 165.9 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8242	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 7:56 Stop time (from RC): 9:18	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 382 k pretrig: e-K Λ evts: 29	SHMS prescale: 466 k pretrig: Σ e-K Λ evts: 772	COIN pretrig: 259 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

36 min NO beam tips @ end of run!

Run Number: 8243	<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: 12 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 9:19 Stop time (from RC): 10:17	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 241 k pretrig: e-K Λ evts: 11	SHMS prescale: 293 k pretrig: Σ e-K Λ evts: 792	COIN pretrig: 166 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/

Date: 19 / 4 / 10
yy mm dd

Initials: SDC

Continuation of Configuration:

$Q^2=5.5$, $W=3.02$, $x=0.4$

SHMS LEFT $\theta=8.5^\circ$

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

Run Number: 8244	<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>12</u> PS2: <u>7</u> PS3: <u>6</u> PS4: <u>1</u> PS5: <u>9</u> PS6: <u>1</u>	Start time (from RC): <u>10:17</u> Stop time (from RC): <u>11:15</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: <u>240</u> k e-K Λ evts: <u>9</u>	SHMS prescale pretrig: <u>291</u> k Σ e-K Λ evts: <u>809</u>	COIN pretrig: <u>165</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8245	<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>12</u> PS2: <u>7</u> PS3: <u>6</u> PS4: <u>1</u> PS5: <u>9</u> PS6: <u>1</u>	Start time (from RC): <u>11:19</u> Stop time (from RC): <u>12:16</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: <u>231.5</u> k e-K Λ evts: <u>3</u>	SHMS prescale pretrig: <u>280.9</u> k Σ e-K Λ evts: <u>823</u>	COIN pretrig: <u>159.6</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8246	<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>12</u> PS2: <u>7</u> PS3: <u>6</u> PS4: <u>1</u> PS5: <u>9</u> PS6: <u>1</u>	Start time (from RC): <u>12:17</u> Stop time (from RC): <u>12:59</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: <u>184</u> k e-K Λ evts: <u>8</u>	SHMS prescale pretrig: <u>223</u> k Σ e-K Λ evts: <u>835</u>	COIN pretrig: <u>124.9</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:
40 min run

Run Number: 8247	<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>7</u> PS2: <u>7</u> PS3: <u>7</u> PS4: <u>7</u> PS5: <u>7</u> PS6: <u>0</u>	Start time (from RC): <u>13:24</u> Stop time (from RC): <u>13:48</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: k e-K Λ evts:	SHMS prescale pretrig: k Σ e-K Λ evts:	COIN pretrig: k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:
for SIDIS 10 μ A, lumi test, per PETER BOSTED's request

Run Number: 8248	<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>7</u> PS2: <u>7</u> PS3: <u>7</u> PS4: <u>7</u> PS5: <u>7</u> PS6: <u>0</u>	Start time (from RC): <u>13:50</u> Stop time (from RC): <u>14:21</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: k e-K Λ evts:	SHMS prescale pretrig: k Σ e-K Λ evts:	COIN pretrig: k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:
SIDIS, 25 μ A, PETER's run

Run Number: 8249	<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>7</u> PS2: <u>7</u> PS3: <u>7</u> PS4: <u>7</u> PS5: <u>7</u> PS6: <u>0</u>	Start time (from RC): <u>14:22</u> Stop time (from RC):	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: k e-K Λ evts:	SHMS prescale pretrig: k Σ e-K Λ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:
SIDIS, 25 μ A, PETER's run

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 10
yy mm dd

Initials: SCA

Continuation of Configuration:

$Q^2=5.5$, $M=3.02$, $X=0.4$

SHMS LEFT $\theta = 8.5^\circ$

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

Run Number: 8250	<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: -1 PS2: -1 PS3: -1 PS4: -1 PS5: -1 PS6: 0	Start time (from RC): 14:43:26 Stop time (from RC): 15:00:33	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretig: k e-K Λ evts:	SHMS prescale pretig: k Σ e-K Λ evts:	COIN pretig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

SIDS, 40mt on 10cm R dummy (for PETER).

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? <input type="checkbox"/> 50k OK?	HMS prescale pretig: k e-K Λ evts:	SHMS prescale pretig: k Σ e-K Λ evts:	COIN pretig: 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretig: k e-K Λ evts:	SHMS prescale pretig: k Σ e-K Λ evts:	COIN pretig: 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretig: k e-K Λ evts:	SHMS prescale pretig: k Σ e-K Λ evts:	COIN pretig: 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretig: k e-K Λ evts:	SHMS prescale pretig: k Σ e-K Λ evts:	COIN pretig: 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretig: k e-K Λ evts:	SHMS prescale pretig: k Σ e-K Λ evts:	COIN pretig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/10
yy mm dd

Initials: RLT3

Use a separate sheet for each configuration.

Configuration Name: _____

$Q^2 = 5.5$ $W = 3.02$ $X = 0.90$

SHMS Center low ϵ

$E_{\text{beam}} = 8.176$ GeV

$I_{\text{beam}} = 50$ μA

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: _____

Raster: ☒ On ☐ Off

Size: 2×2

Beam position and angle on target:

3H07A	X	Y
-0.306 mm		-0.187 mm
Nomin:		Nomin:
3H07C	X	Y
-1.037 mm		0.463 mm
Nomin:		Nomin:

HMS

SHMS

Q1	I-SET (from PSU) 125.39 A B-HALL 0.121 kg	I-SET (from PSU) 2283.35 A B-HALL -14.504 kg	HB
Q2	I-SET (from PSU) 49.23 A B-HALL -0.162 kg	I-SET (from PSU) 1423.08 A B-HALL 10.097 kg	Q1
Q3	I-SET (from PSU) 48.28 A B-HALL 0.046 kg	I-SET (from PSU) 2382.04 A B-HALL -22.460 kg	Q2
D	I-READ 293.13 A B-NMR 0.26336 kg	I-SET (from PSU) 1567.34 A B-HALL -15.113 kg	Q3
	If momentum increased: <input type="checkbox"/> HMS cycled? <input checked="" type="checkbox"/> SHMS cycled?	I-SET (from PSU) 2155.16 A B-NMR 15.638 kg	D

HMS

$p = \pm 0.9620$ $\theta(\text{TV}) = 11.805$ 49307
From GUI Nearest 0.005

SHMS

$p = \pm 6.7550$ $\theta(\text{TV}) = 6.205$
From GUI Nearest 0.005

Collimator:

HMS: Large ☒ Sieve ☐

SHMS: Large ☒ Sieve ☐

Run Number:

8251

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

PS1: 11
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

17:14

Stop time (from RC):

17:20

☐ Settings Verified?

☐ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 465 k

$e-K\Lambda$ evts:

SHMS prescale
pretrig: 479 k

$\Sigma e-K\Lambda$ evts:

COIN
pretrig: 15 k

☐ Data ok

☒ Junk

Comments:

Junk, ramping up current

Run Number:

8252

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

17:29

Stop time (from RC):

17:35

☒ Settings Verified?

☒ HV OK?

☐ 50k OK?

HMS prescale
pretrig: 736 k

$e-K\Lambda$ evts:

8

SHMS prescale
pretrig: 855 k

$\Sigma e-K\Lambda$ evts:

8

COIN
pretrig: 310 k

☒ Data ok

☐ Junk

Comments:

Run Number:

8253

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

17:36

Stop time (from RC):

17:44

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 667 k

$e-K\Lambda$ evts:

10

SHMS prescale
pretrig: 769 k

$\Sigma e-K\Lambda$ evts:

18

COIN
pretrig: 278 k

☒ Data ok

☐ Junk

Comments:

by eye

Run Number:

8254

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

17:35

Stop time (from RC):

20:42

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 793 k

$e-K\Lambda$ evts:

16

SHMS prescale
pretrig: 910 k

$\Sigma e-K\Lambda$ evts:

34

COIN
pretrig: 330 k

☒ Data ok

☐ Junk

Comments:

p(e,e'K) Λ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 14 / 4 / 10
yy mm dd

Initials: BLT3

Continuation of Configuration:

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

$Q^2 = 5.5$ $W = 3.02$ $X = 0.40$
low ϵ SHMS center

Run Number: 8255	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 20:44 Stop time (from RC): 21:42	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 683 k $e-K\Lambda$ evts: 6	SHMS prescale pretrig: 792 k $\Sigma e-K\Lambda$ evts: 40	COIN pretrig: 289 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8256	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 21:43 Stop time (from RC): 22:44	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 708 k $e-K\Lambda$ evts: 13	SHMS prescale pretrig: 829 k $\Sigma e-K\Lambda$ evts: 53	COIN pretrig: 300 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8257	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 6 PS6: -1	Start time (from RC): 22:44 Stop time (from RC): 22:57	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: 62 k $e-K\Lambda$ evts: —	SHMS prescale pretrig: 190 k $\Sigma e-K\Lambda$ evts: —	COIN pretrig: 68 k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: Junk Ends early, SHMS dipole interlock							

Run Number: 8258	<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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: — k $e-K\Lambda$ evts: —	SHMS prescale pretrig: — k $\Sigma e-K\Lambda$ evts: —	COIN pretrig: — k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8264	<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: 0 PS2: -1 PS3: -1 PS4: 0 PS5: -1 PS6: 0	Start time (from RC): 9:45 Stop time (from RC): 11:15	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: — k $e-K\Lambda$ evts: —	SHMS prescale pretrig: — k $\Sigma e-K\Lambda$ evts: —	COIN pretrig: — k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: COSMICS, WAITING for Acc PSS to be fixed							

Run Number: 8265	<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: 0 PS2: -1 PS3: -1 PS4: 0 PS5: -1 PS6: 0	Start time (from RC): 11:32 Stop time (from RC): 13:03	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: — k $e-K\Lambda$ evts: —	SHMS prescale pretrig: — k $\Sigma e-K\Lambda$ evts: —	COIN pretrig: — k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: COSMICS							

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/11
yy mm dd

Initials: SCS

Continuation of Configuration:

$$Q^2 = 5.5 \text{ GeV}^2 \quad W = 3.02 \quad x = 0.4$$

SHMS CENTER low E

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

Run Number: 8266	<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: 0 PS2: -1 PS3: -1 PS4: 0 PS5: -1 PS6: 0	Start time (from RC): 13:17 Stop time (from RC): 13:25	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: k e-K Λ evts:	SHMS prescale pretrig: k Σ e-K Λ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

COSMICS, WAITING FOR BEAM, MCC TUNING

Run Number: 8267	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:50:25 Stop time (from RC): 14:49:10	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 633.3 k e-K Λ evts: 6	SHMS prescale pretrig: 732.1 k Σ e-K Λ evts: 86	COIN pretrig: 266.4 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Back to Prod 10 cm LH2, 50 mA

Run Number: 8268	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 14:49:49 Stop time (from RC): 15:49:35	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: k e-K Λ evts: 5	SHMS prescale pretrig: k Σ e-K Λ evts: 103	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8269	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 15:50:15 Stop time (from RC): 16:55	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 638.8 k e-K Λ evts: 8	SHMS prescale pretrig: 537.6 k Σ e-K Λ evts: 123	COIN pretrig: 318 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8270	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:55 Stop time (from RC): 17:58	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 381.3 k e-K Λ evts: 3	SHMS prescale pretrig: 767.4 k Σ e-K Λ evts: 130	COIN pretrig: 320.7 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8271	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:00 Stop time (from RC): 18:06	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 372.1 k e-K Λ evts: 16	SHMS prescale pretrig: 750.1 k Σ e-K Λ evts: 156	COIN pretrig: 313.8 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/04/11
yy mm dd

Initials: AC

Continuation of Configuration:

$Q^2 = 5.5 \text{ GeV}^2$ $W = 3.02$ $x = 0.4$

SHMS center low E

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

Run Number: 8272	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:06 Stop time (from RC): 20:07	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 875.3 k pretrig: e-K Λ evts: 10	SHMS prescale 7488 k pretrig: Σ e-K Λ evts: 172	COIN 3130 k pretrig: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8273	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:08 Stop time (from RC):	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 777.5 k pretrig: e-K Λ evts: 11	SHMS prescale 666.8 k pretrig: Σ e-K Λ evts: 193	COIN 283.9 k pretrig: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8274	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:13 Stop time (from RC): 22:23	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 918.7 k pretrig: e-K Λ evts: 9	SHMS prescale 786.0 k pretrig: Σ e-K Λ evts: 208	COIN 3313 k pretrig: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8275	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:23 Stop time (from RC): 23:23	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 649 k pretrig: e-K Λ evts: 7	SHMS prescale 753 k pretrig: Σ e-K Λ evts: 215	COIN 273 k pretrig: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8276	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:24 Stop time (from RC): 00:18	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 612 k pretrig: e-K Λ evts: 9	SHMS prescale 713 k pretrig: Σ e-K Λ evts: 224	COIN 257 k pretrig: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

50 mA

Run Number: 8277	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 00:19 Stop time (from RC): 01:19	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 632 k pretrig: e-K Λ evts: 6	SHMS prescale 735 k pretrig: Σ e-K Λ evts: 230	COIN 266 k pretrig: <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

50 mA

p(e,e'K) Λ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/04/19
yy mm dd

Initials: VIK

Continuation of Configuration:

$Q^2 = 5.5 \text{ GeV}^2, W = 3.02$
 $x = 0.4$, SHMS center, low E

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

Run Number: 8278	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 01:19 Stop time (from RC): 02:22	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 756 k e-K Λ evts: 8	SHMS prescale pretrig: 884 k Σ e-K Λ evts: 238	COIN pretrig: 316 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: SOMA.							

Run Number: 8279	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 02:23 Stop time (from RC): 03:20	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 622 k e-K Λ evts: 13	SHMS prescale pretrig: 724 k Σ e-K Λ evts: 251	COIN pretrig: 261 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: SOMA							

Run Number: 8280	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 03:20 Stop time (from RC): 04:21	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 665 k e-K Λ evts: 11	SHMS prescale pretrig: 775 k Σ e-K Λ evts: 262	COIN pretrig: 280 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: SOMA							

Run Number: 8281	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 04:22 Stop time (from RC): 05:20	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 665 k e-K Λ evts: 6	SHMS prescale pretrig: 777 k Σ e-K Λ evts: 26830	COIN pretrig: 279 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: SOMA							

Run Number: 8282	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 05:21 Stop time (from RC): 06:20	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 507 k e-K Λ evts: 9	SHMS prescale pretrig: 590 k Σ e-K Λ evts: 27734	COIN pretrig: 221 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: SOMA							

Run Number: 8283	<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): _____ Stop time (from RC): _____	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts: _____	SHMS prescale pretrig: _____ k Σ e-K Λ evts: _____	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: Junk							

p(e,e'K) Λ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 14/04/12
yy mm dd

Initials: V.14/SCA

Continuation of Configuration:

$Q^2 = 5.5 \text{ GeV}^2$, $W = 3.02$
 $x = 0.4$, SHMS center low ϵ

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

Run Number: 8284	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 06:30 Stop time (from RC): 07:04	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 372 k e-K Λ evts: 7	SHMS prescale pretrig: 434 k Σ e-K Λ evts: 1284	COIN pretrig: 157 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A. Run ended before an hour, because beam off.

Run Number: 8285	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:07 Stop time (from RC): 07:40	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 231.1 k e-K Λ evts: 26	SHMS prescale pretrig: 266.3 k Σ e-K Λ evts: 351	COIN pretrig: 103.1 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A. beam came back soon. / Again magnet issue, beam switch off.

Run Number: 8286	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:46 Stop time (from RC): 8:50:56	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 48.3 k e-K Λ evts: 9	SHMS prescale pretrig: 858.1 k Σ e-K Λ evts: 369	COIN pretrig: 309.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A.

Run Number: 8287	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 8:51:26 Stop time (from RC): 9:49:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 552.6 k e-K Λ evts: 8 fit	SHMS prescale pretrig: 638.1 k Σ e-K Λ evts: 379	COIN pretrig: 234.1 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8288	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 9:51:29 Stop time (from RC): 10:57:10	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 605.0 k e-K Λ evts: 10	SHMS prescale pretrig: 699.0 k Σ e-K Λ evts: 404	COIN pretrig: 256.9 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8289	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 10:57:51 Stop time (from RC): 11:56:03	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 607.3 k e-K Λ evts: 8	SHMS prescale pretrig: 700.1 k Σ e-K Λ evts: 416	COIN pretrig: 252.0 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 12
yy mm dd

Initials: SCB

Continuation of Configuration:

$Q^2 = 5.5 \text{ GeV}^2$, $W = 3.02$, $x = 0.4$
SHMS CENTER, low Σ

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

Run Number: 8290	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 11:56:35 Stop time (from RC): 13:00:08	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 671.5 k e-K Λ evts: 3	SHMS prescale pretrig: 775.7 k Σ e-K Λ evts: 426	COIN pretrig: 278.1 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8291	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:00:50 Stop time (from RC): 13:58:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 576.6 k e-K Λ evts: 16	SHMS prescale pretrig: 660.6 k Σ e-K Λ evts: 435	COIN pretrig: 235.6 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8292	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:59:13 Stop time (from RC): 14:57:44	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 577 k e-K Λ evts: 6	SHMS prescale pretrig: 627 k Σ e-K Λ evts: 449	COIN pretrig: 227 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: unstable beam

Run Number: 8293	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 15:00:29 Stop time (from RC): 16:10:39	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 644 k e-K Λ evts: 3	SHMS prescale pretrig: 560 k Σ e-K Λ evts: 449	COIN pretrig: 241 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8294	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:12:07 Stop time (from RC): 17:16	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 808 k e-K Λ evts: 12	SHMS prescale pretrig: 700 k Σ e-K Λ evts: 463	COIN pretrig: 286 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: 2.43 M events

Run Number: 8295	<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: same PS2: same PS3: same PS4: same PS5: same PS6: same	Start time (from RC): 17:17 Stop time (from RC): 18:19	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 719 k e-K Λ evts: 6	SHMS prescale pretrig: 621 k Σ e-K Λ evts: 477	COIN pretrig: 254 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: 2.53 M events

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: / / Initials:
yy mm dd

Use a separate sheet for each configuration.

Configuration Name:
 $Q^2 = 5.5, W = 3.02, X = 0.4$
SHMS Center, low E

E_{beam} : GeV I_{beam} : μA

HMS
 p : +/- $\theta(\text{TV})$:
From GUI Nearest 0.005

SHMS
 p : +/- $\theta(\text{TV})$:
From GUI Nearest 0.005

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
	mm	mm
Nomin:		Nomin:
3H07C	X	Y
	mm	mm
Nomin:		Nomin:

	HMS	SHMS	
Q1	I-SET (from PSU) B-HALL A kg	I-SET (from PSU) B-HALL A kg	HB
Q2	I-SET (from PSU) B-HALL A kg	I-SET (from PSU) B-HALL A kg	Q1
Q3	I-SET (from PSU) B-HALL A kg	I-SET (from PSU) B-HALL A kg	Q2
D	I-READ B-NMR A kg	I-SET (from PSU) B-HALL A kg	Q3
	If momentum increased: <input type="checkbox"/> HMS cycled? <input type="checkbox"/> SHMS cycled?	I-SET (from PSU) B-NMR A kg	D

Run Number: 8296	<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"/> <u> </u>	PS1: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 9 PS6: -1	Start time (from RC): 18:20 Stop time (from RC): 19:20	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 739 k $e-K\Lambda$ evts: 8	SHMS prescale pretrig: 637 k $\Sigma e-K\Lambda$ evts: 495	COIN pretrig: 262 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 2.4 M events							

Run Number: 8297	<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"/> <u> </u>	PS1: <u> </u> PS2: same PS3: <u> </u> PS4: <u> </u> PS5: <u> </u> PS6: <u> </u>	Start time (from RC): 19:22 Stop time (from RC): 20:21	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 585 k $e-K\Lambda$ evts: 8	SHMS prescale pretrig: 505 k $\Sigma e-K\Lambda$ evts: 508	COIN pretrig: 209 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8298	<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"/> <u> </u>	PS1: <u> </u> PS2: same PS3: <u> </u> PS4: <u> </u> PS5: <u> </u> PS6: <u> </u>	Start time (from RC): 20:22 Stop time (from RC): 21:06	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 344 k $e-K\Lambda$ evts: 3	SHMS prescale pretrig: 455 k $\Sigma e-K\Lambda$ evts: 511	COIN pretrig: 165 k <input checked="" 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"/> <u> </u>	PS1: <u> </u> PS2: <u> </u> PS3: <u> </u> PS4: <u> </u> PS5: <u> </u> PS6: <u> </u>	Start time (from RC): <u> </u> Stop time (from RC): <u> </u>	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: <u> </u> k $e-K\Lambda$ evts: <u> </u>	SHMS prescale pretrig: <u> </u> k $\Sigma e-K\Lambda$ evts: <u> </u>	COIN pretrig: <u> </u> 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/

Date: 14 / 4 / 12
yy mm dd

Initials: RLT3

Use a separate sheet for each configuration.

Configuration Name: _____

Lumiscan

60mA 50mA, 40mA, 25mA, 10mA

E_{beam} : _____ GeV

I_{beam} : _____ μA

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: _____

Raster: ☐ On ☐ Off

Size: _____

Beam position and angle on target:

3H07A	X	Y
	mm	mm
Nomin:		Nomin:
3H07C	X	Y
	mm	mm
Nomin:		Nomin:

HMS

SHMS

Q1	I-SET (from PSU) B-HALL A kg	I-SET (from PSU) B-HALL A kg	HB
Q2	I-SET (from PSU) B-HALL A kg	I-SET (from PSU) B-HALL A kg	Q1
Q3	I-SET (from PSU) B-HALL A kg	I-SET (from PSU) B-HALL A kg	Q2
D	I-READ B-NMR A kg	I-SET (from PSU) B-HALL A kg	Q3
	If momentum increased: <input type="checkbox"/> HMS cycled? <input type="checkbox"/> SHMS cycled?	I-SET (from PSU) B-NMR A kg	D

Run Number:

8299

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

21:30

Stop time (from RC):

21:41

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 169 k

$e-K\Lambda$ evts:

SHMS prescale
pretrig: 125 k

$\Sigma e-K\Lambda$ evts:

COIN
pretrig: 45 k

☒ Data ok

☐ Junk

Comments:

50mA

Run Number:

8300

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

PS1: 12
PS2: -1
PS3: 04
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

21:45

Stop time (from RC):

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 154 k

$e-K\Lambda$ evts:

SHMS prescale
pretrig: 146 k

$\Sigma e-K\Lambda$ evts:

COIN
pretrig: 79 k

☒ Data ok

☐ Junk

Comments:

60mA

Run Number:

8301

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

21:58

Stop time (from RC):

22:09

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 116 k

$e-K\Lambda$ evts:

SHMS prescale
pretrig: 116 k

$\Sigma e-K\Lambda$ evts:

COIN
pretrig: 37 k

☒ Data ok

☐ Junk

Comments:

40mA

Run Number:

8302

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

22:12

Stop time (from RC):

22:25

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 518 k

$e-K\Lambda$ evts:

SHMS prescale
pretrig: 459 k

$\Sigma e-K\Lambda$ evts:

COIN
pretrig: 13 k

☒ Data ok

☐ Junk

Comments:

25mA

p(e,e'K) Λ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 10 / 12
yy mm dd

Initials: RLT

Continuation of Configuration:

Lumi Scan

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

Run Number: <u>8303</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>12</u> PS2: <u>-1</u> PS3: <u>4</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>22:24</u> Stop time (from RC): <u>22:34</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: <u>24</u> k e-K Λ evts: <u>—</u>	SHMS prescale pretrig: <u>17</u> k Σ e-K Λ evts: <u>—</u>	COIN pretrig: <u>7</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

10 mA

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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: <u>24</u> k e-K Λ evts:	SHMS prescale pretrig: <u>17</u> k Σ e-K Λ evts:	COIN pretrig: <u>7</u> 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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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. <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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ evts:	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: ____/____/____
yy mm dd

Initials: ____

Use a separate sheet for each configuration.

Configuration Name: _____

$Q^2=5.5$, $W=3.02$, $X=4.4$
SHMS Center, low ϵ

E_{beam} : _____ GeV

I_{beam} : _____ μA

Purpose:

☐ Production

☐ Test

☐ Optics

☐ Other: _____

Raster: ☐ On ☐ Off

Size: _____

Beam position and angle
on target:

3H07A	X	Y
	mm	mm
Nomin:		Nomin:
3H07C	X	Y
	mm	mm
Nomin:		Nomin:

HMS

SHMS

	I-SET (from PSU)	A	I-SET (from PSU)	A	
Q1	B-HALL	kG	B-HALL	kG	HB
	I-SET (from PSU)	A	I-SET (from PSU)	A	
Q2	B-HALL	kG	B-HALL	kG	Q1
	I-SET (from PSU)	A	I-SET (from PSU)	A	
Q3	B-HALL	kG	B-HALL	kG	Q2
	I-READ	A	I-SET (from PSU)	A	
D	B-NMR	kG	B-HALL	kG	Q3
	If momentum increased:		I-SET (from PSU)	A	
	<input type="checkbox"/> HMS cycled?		B-NMR	kG	D
	<input type="checkbox"/> SHMS cycled?				

Run Number:

8304

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

22:42

Stop time (from RC):

23:42

☐ Settings
Verified?

☐ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 593 k

$e-K\Lambda$ evts:

5

SHMS prescale
pretrig: 510 k

$\Sigma e-K\Lambda$ evts:

524

COIN pretrig: 211 k

☒ Data ok

☐ Junk

Comments:

Resuming production after lumi scan.

Run Number:

8305

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

PS1: same
PS2: same
PS3: same
PS4: same
PS5: same
PS6: same

Start time (from RC):

23:45

Stop time (from RC):

0:52

☐ Settings
Verified?

☐ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 754 k

$e-K\Lambda$ evts:

11

SHMS prescale
pretrig: 876 k

$\Sigma e-K\Lambda$ evts:

536

COIN pretrig: 313 k

☒ Data ok

☐ Junk

Comments:

Run Number:

8306

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

0:52

Stop time (from RC):

2:00

☒ Settings
Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 770 k

$e-K\Lambda$ evts:

5

SHMS prescale
pretrig: 896 k

$\Sigma e-K\Lambda$ evts:

552

COIN pretrig: 320 k

☒ Data ok

☐ Junk

Comments:

Run Number:

8307

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

PS1: 12
PS2: -1
PS3: 4
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

2:00

Stop time (from RC):

3:16

☒ Settings
Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 748 k

$e-K\Lambda$ evts:

9

SHMS prescale
pretrig: 867 k

$\Sigma e-K\Lambda$ evts:

586

COIN pretrig: 315 k

☒ Data ok

☐ Junk

Comments:

p(e,e'K) Λ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 13
yy mm dd

Initials: RM

Continuation of Configuration:

$Q^2 = 5.5$ $W = 3.02$ $X = 0.4$

SHMS Center, Row E

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

SOPA

Run Number: 8308	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 3:16 Stop time (from RC): 4:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 340 k SHMS prescale 387 k e-K Λ evts: 10 Σ e-K Λ evts: 572	COIN pretrig: 165 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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fit looks bad

Run Number: 8309	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 4:32 Stop time (from RC): 5:41	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 584 k SHMS prescale 678 k e-K Λ evts: 10 Σ e-K Λ evts: 583	COIN pretrig: 251 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8310	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 5:41 Stop time (from RC): 6:41	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 659 k SHMS prescale 765 k e-K Λ evts: 8 Σ e-K Λ evts: 602	COIN pretrig: 275 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8311	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 6:42 Stop time (from RC): 7:39	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 570 k SHMS prescale 660 k e-K Λ evts: 10 Σ e-K Λ evts: 613	COIN pretrig: 239 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8312	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 7:39 Stop time (from RC): 8:40	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 707 k SHMS prescale 821 k e-K Λ evts: 11 Σ e-K Λ evts: 630	COIN pretrig: 291 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Run Number: 8313	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 8:41 Stop time (from RC): 9:41	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale 622 k SHMS prescale 721 k e-K Λ evts: 17 Σ e-K Λ evts: 647	COIN pretrig: 259 k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
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$p(e, e'K)\Lambda$ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/13
yy mm dd

Initials: JCH

Continuation of Configuration:

$$Q^2 = 5.5 \quad W = 3.02 \quad x = 0.4$$

SHMS center, low E

40 pA, Dummy

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

Run Number: 8314	<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: 9 PS2: -1 PS3: 2 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 9:51 Stop time (from RC): ~10:23	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 438 k e-K Λ evts:	SHMS prescale pretrig: 520 k Σ e-K Λ evts:	COIN pretrig: 26.7 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

ROBB stopped w/o CODA reset by itself? No end of run
onching

~75mc

Run Number: 8315	<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: 9 PS2: -1 PS3: 2 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 10:27 Stop time (from RC): 11:27	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 748 k e-K Λ evts:	SHMS prescale pretrig: 887 k Σ e-K Λ evts:	COIN pretrig: 48.8 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

125mc

Run Number: 8316	<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: 9 PS2: -1 PS3: 2 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 11:28 Stop time (from RC): 12:28	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 801 k e-K Λ evts:	SHMS prescale pretrig: 950 k Σ e-K Λ evts:	COIN pretrig: 50.0 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

135mc

Run Number: 8317	<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: 9 PS2: -1 PS3: 2 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 12:29 Stop time (from RC): 13:28	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 816 k e-K Λ evts:	SHMS prescale pretrig: 969 k Σ e-K Λ evts:	COIN pretrig: 50.0 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

138mc

Run Number: 8318	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:37 Stop time (from RC): 14:37	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 629 k e-K Λ evts: 5	SHMS prescale pretrig: 727 k Σ e-K Λ evts: 661	COIN pretrig: 262 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 pA

150.17mc

Run Number: 8319	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 14:37 Stop time (from RC): 15:37	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 572.6 k e-K Λ evts: 9	SHMS prescale pretrig: 662 k Σ e-K Λ evts: 677	COIN pretrig: 240.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

137.01mc

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/13
yy mm dd

Initials: JON/SCD

Continuation of Configuration:

$Q^2 = 5.5$ $W = 3.02$ $x = 0.4$
SHMS center, low ϵ

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

Run Number: 8320	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 15:38 Stop time (from RC): 16:42:51	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 743.8 k e-K Λ evts: 7	SHMS prescale pretrig: 862.3 k Σ e-K Λ evts: 687	COIN pretrig: 306 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

178 mc

Run Number: 8321	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:43:28 Stop time (from RC): 17:45:03	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 728.1 k e-K Λ evts: (62)	SHMS prescale pretrig: 846.2 k Σ e-K Λ evts: 697	COIN pretrig: 298.6 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

174.8 mc

Run Number: 8322	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:45:35 Stop time (from RC): 18:42:57	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 661.2 k e-K Λ evts: 6	SHMS prescale pretrig: 768.1 k Σ e-K Λ evts: 709	COIN pretrig: 272.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

158.8 mc

Run Number: 8323	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:43:26 Stop time (from RC): 19:49:40	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 545.3 k e-K Λ evts: 7	SHMS prescale pretrig: 632.8 k Σ e-K Λ evts: 721	COIN pretrig: 235.6 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

20 min beam trip 2 end! 130.8 mc

Run Number: 8324	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:50:18 Stop time (from RC): 20:53:45	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 742.2 k e-K Λ evts: 7	SHMS prescale pretrig: 863.6 k Σ e-K Λ evts: 735	COIN pretrig: 307.3 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

178.05 mc

Run Number: 8325	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:54:21 Stop time (from RC): 21:58:42	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 789.1 k e-K Λ evts: 14	SHMS prescale pretrig: 924.3 k Σ e-K Λ evts: 752	COIN pretrig: 325.1 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

189.774 mc

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 13
yy mm dd

Initials: SCA

Continuation of Configuration:

$$Q^2 = 5.56 \text{ GeV}^2, W = 3.02, x = 0.4$$

SHMS CENTER, low Σ

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

Run Number: 8326	<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: 12 PS2: 1 PS3: 4 PS4: 1 PS5: 0 PS6: 1	Start time (from RC): 21:59:24 Stop time (from RC): 22:53:05	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 598.9 k e-K Λ evts: 7	SHMS prescale pretrig: 696.8 k Σ e-K Λ evts: 773	COIN pretrig: 248.4 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

143.812 mc

Run Number: 8327	<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: 12 PS2: 1 PS3: 4 PS4: 1 PS5: 0 PS6: 1	Start time (from RC): 22:53:38 Stop time (from RC): 23:53:40	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 707 k e-K Λ evts: 11	SHMS prescale pretrig: 823 k Σ e-K Λ evts: 796	COIN pretrig: 291 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8328	<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: 12 PS2: 1 PS3: 4 PS4: 1 PS5: 0 PS6: 1	Start time (from RC): 23:54:14 Stop time (from RC): 00:56	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 674 k e-K Λ evts: 6	SHMS prescale pretrig: 774 k Σ e-K Λ evts: 811	COIN pretrig: 282 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8329	<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: 12 PS2: 1 PS3: 4 PS4: 1 PS5: 0 PS6: 1	Start time (from RC): 00:57 Stop time (from RC): 01:55	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 702 k e-K Λ evts: 7	SHMS prescale pretrig: 819 k Σ e-K Λ evts: 825	COIN pretrig: 240 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

by eye

Run Number: 8330	<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: 12 PS2: 1 PS3: 4 PS4: 1 PS5: 0 PS6: 1	Start time (from RC): 01:56 Stop time (from RC): 02:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 662 k e-K Λ evts: 6	SHMS prescale pretrig: 769 k Σ e-K Λ evts: 838	COIN pretrig: 274 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8331	<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: 12 PS2: 1 PS3: 4 PS4: 1 PS5: 0 PS6: 1	Start time (from RC): 02:55 Stop time (from RC): 03:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 715 k e-K Λ evts: 10	SHMS prescale pretrig: 833 k Σ e-K Λ evts: 851	COIN pretrig: 274 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

by eye

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 14
yy mm dd

Initials: RLT3

Continuation of Configuration:

$Q_{\text{min}} = 5.5$ $W = 3.02$ $X = 0.40$
low ϵ SHMS center

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

Run Number: 8332	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 3:55 Stop time (from RC): 4:58	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 694 k SHMS prescale: 806 k e-K Λ evts: 10 Σ e-K Λ evts: 871	COIN pretrig: 288 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8333	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 4:59 Stop time (from RC): 5:58	<input checked="" type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 650 k SHMS prescale: 751 k e-K Λ evts: 9 Σ e-K Λ evts: 887	COIN pretrig: 269 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8334	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 5:59 Stop time (from RC): 6:21	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 215 k SHMS prescale: 315 k e-K Λ evts: 0 Σ e-K Λ evts: 900	COIN pretrig: 23 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8335	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 6:47 Stop time (from RC): 7:45	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 671 k SHMS prescale: 778 k e-K Λ evts: 7 Σ e-K Λ evts: 900	COIN pretrig: 277 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8336	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 7:46 Stop time (from RC): 8:42	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 644 k SHMS prescale: 747 k e-K Λ evts: 4 Σ e-K Λ evts: 909	COIN pretrig: 264 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8337	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 8:43 Stop time (from RC): 09:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 873 k SHMS prescale: 782 k e-K Λ evts: 66 Σ e-K Λ evts: 923	COIN pretrig: 275 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/19
yy mm dd

Initials: v.k

Continuation of Configuration:

$02 = 5.5, W = 7.02, \gamma = 0.40$
low ϵ , SHMS center

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

Run Number: 8338	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 9:42 Stop time (from RC): 10:41	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 514 k e-K Λ evts: 8	SHMS prescale pretrig: 540 k Σ e-K Λ evts: 932	COIN pretrig: 169 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

40 μ A

Run Number: 8339	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 10:42 Stop time (from RC): 11:46	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 476 k e-K Λ evts: 8	SHMS prescale pretrig: 548 k Σ e-K Λ evts: 951	COIN pretrig: 207 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A

Run Number: 8340	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 11:47 Stop time (from RC): 12:50	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 660 k e-K Λ evts: 11	SHMS prescale pretrig: 763 k Σ e-K Λ evts: 970	COIN pretrig: 272 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A

Run Number: 8341	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 12:50 Stop time (from RC): 13:47	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 639 k e-K Λ evts: 14	SHMS prescale pretrig: 737 k Σ e-K Λ evts: 982	COIN pretrig: 260 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A

Run Number: 8342	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:49 Stop time (from RC): 14:55	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 711 k e-K Λ evts: 8	SHMS prescale pretrig: 821 k Σ e-K Λ evts: 999	COIN pretrig: 289 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A

Run Number: 8343	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 14:55 Stop time (from RC): 15:44	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 622 k e-K Λ evts: 13	SHMS prescale pretrig: 719 k Σ e-K Λ evts: 1012	COIN pretrig: 252 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

50 μ A

p(e,e'K) Λ Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19/4/14
yy mm dd

Initials: V.14

Continuation of Configuration:

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

$Q^2 = 5.5$, $W = 3.02$, $x = 0.40$
low ϵ , SHMS Center

Run Number: 8344	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 15:52 Stop time (from RC): 16:16	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 238 k pretrig: e-K Λ evts: 130	SHMS prescale: 305 k pretrig: Σ e-K Λ evts: 1022	COIN pretrig: 107 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: 50 uA. SHMS DC tripped at end of run. Not for data

Run Number: 8345	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:18 Stop time (from RC): 17:20	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 694 k pretrig: e-K Λ evts: 21	SHMS prescale: 802 k pretrig: Σ e-K Λ evts: 1041	COIN pretrig: 282 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8346	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:21 Stop time (from RC): 18:21	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 624 k pretrig: e-K Λ evts: 7	SHMS prescale: 719 k pretrig: Σ e-K Λ evts: 1048	COIN pretrig: 258 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8347	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:22 Stop time (from RC): 19:28	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 559 k pretrig: e-K Λ evts: 19	SHMS prescale: 643 k pretrig: Σ e-K Λ evts: 1067	COIN pretrig: 236 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

Run Number: 8348	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:28 Stop time (from RC): 20:48	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 727 k pretrig: e-K Λ evts: 15	SHMS prescale: 840 k pretrig: Σ e-K Λ evts: 1082	COIN pretrig: 305 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: No beam at start of run

Run Number: 8349	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 20:47 Stop time (from RC): 21:49	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: 579 k pretrig: e-K Λ evts: 13	SHMS prescale: 669 k pretrig: Σ e-K Λ evts: 1095	COIN pretrig: 243 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

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

can be found at lichen.phys.uregina.ca/~huberg/kaon/

Date: 19 / 4 / 14
yy mm dd

Initials: SAW

Continuation of Configuration:

$Q^2 = 5.5$ $W = 3.02$ $X = 0.10$
low E , SHMS center

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

Run Number: 8350	<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: 12 PS2: 4 PS3: 4 PS4: 1 PS5: 0 PS6: -1	Start time (from RC): 21:49 Stop time (from RC): 22:52	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 749 k e-K Λ evts: 24	SHMS prescale pretrig: 869 k Σ e-K Λ evts: 1119	COIN pretrig: 305 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8351	<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: 12 PS2: 4 PS3: 4 PS4: 1 PS5: 0 PS6: -1	Start time (from RC): 22:53 Stop time (from RC): 23:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 781 k e-K Λ evts: 10	SHMS prescale pretrig: 675 k Σ e-K Λ evts: 1139	COIN pretrig: 276 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8352	<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: 12 PS2: 4 PS3: 4 PS4: 1 PS5: 0 PS6: -1	Start time (from RC): 23:54 Stop time (from RC): 01:07	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 936 k e-K Λ evts: 31	SHMS prescale pretrig: 809 k Σ e-K Λ evts: 1150	COIN pretrig: 331 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8353	<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: 12 PS2: 4 PS3: 4 PS4: 1 PS5: 0 PS6: -1	Start time (from RC): 01:07 Stop time (from RC): 02:09	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 490 k e-K Λ evts: 5	SHMS prescale pretrig: 427 k Σ e-K Λ evts: 1159	COIN pretrig: 186 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8354	<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: 12 PS2: 4 PS3: 4 PS4: 1 PS5: 0 PS6: -1	Start time (from RC): 2:13 Stop time (from RC): 2:57	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 227 k e-K Λ evts: 4	SHMS prescale pretrig: 201 k Σ e-K Λ evts: 1162	COIN pretrig: 94 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 8355	<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: 12 PS2: 4 PS3: 4 PS4: 1 PS5: 0 PS6: -1	Start time (from RC): 4:17 Stop time (from RC): 4:32	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 17 k e-K Λ evts: 1	SHMS prescale pretrig: 16 k Σ e-K Λ evts: 1162	COIN pretrig: 13 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/

Date: ____/____/____
yy mm dd

Initials: _____

Continuation of Configuration:

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

Run Number: 8356	<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: 12 PS2: -1 PS3: 4 PS4: -1 PS5: -9 PS6: -9	Start time (from RC): 5:28 Stop time (from RC): 6:00	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 363 k e-K Λ evts: 3	SHMS prescale pretrig: 319 k Σ e-K Λ evts: 1164	COIN pretrig: 137 k <input checked="" 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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ 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? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k e-K Λ evts:	SHMS prescale pretrig: _____ k Σ e-K Λ evts:	COIN pretrig: _____ k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							