

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

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

Date: 19/03/24
yy mm dd

Initials: JCH

Use a separate sheet for each configuration.

Configuration Name:

$Q2 = 2.115, W = 2.95, X = 0.21$
SHMS left $\theta = 8.48^\circ$

E_{beam} : 6.19 GeV

I_{beam} : 70 μA

Purpose:

- ☒ Production
☐ Test
☐ Optics
☐ Other: _____

Raster: ☒ On ☐ Off
Size: 2x2mm²

Beam position and angle on target:

3H07A	X	Y
<u>-0.3</u>	mm	<u>-0.2</u> mm
Nomin:	<u>-0.3</u>	Nomin: <u>-0.2</u>
3H07C	X	Y
<u>-1.0</u>	mm	<u>0.2</u> mm
Nomin:	<u>-1.0</u>	Nomin: <u>0.2</u>

HMS

SHMS

Q1	I-SET (from PSU) <u>115.75</u> A	A	I-SET (from PSU) <u>1663.35</u> A	A	HB
	B-HALL <u>0.114</u> kG		B-HALL <u>-10.547</u> kG		
Q2	I-SET (from PSU) <u>91.63</u> A	A	I-SET (from PSU) <u>1046.16</u> A	A	Q1
	B-HALL <u>-0.145</u> kG		B-HALL <u>7.412</u> kG		
Q3	I-SET (from PSU) <u>44.53</u> A	A	I-SET (from PSU) <u>1457.32</u> A	A	Q2
	B-HALL <u>0.085</u> kG		B-HALL <u>-16.588</u> kG		
D	I-READ <u>270.63</u> A	A	I-SET (from PSU) <u>1156.16</u> A	A	Q3
	B-NMR <u>0.2431</u> kG		B-HALL <u>-11.261</u> kG		
If momentum increased:			I-SET (from PSU) <u>1589.88</u> A	A	D
<input type="checkbox"/> HMS cycled?			B-NMR <u>11.560</u> kG		
<input checked="" type="checkbox"/> SHMS cycled?					

Run Number:

7891

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

PS1: 12
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

14:26

Stop time (from RC):

15:32

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 378 k

$e-K\Lambda$ evts:
56

SHMS prescale
pretrig: 484 k

$\Sigma e-K\Lambda$ evts:
56

COIN pretrig: 1173 k

☒ Data ok
☐ Junk

Run Number:

7892

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

PS1: 12
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

15:33

Stop time (from RC):

16:32

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 357 k

$e-K\Lambda$ evts:
65

SHMS prescale
pretrig: 446 k

$\Sigma e-K\Lambda$ evts:
121

COIN pretrig: 1078 k

☒ Data ok
☐ Junk

Run Number:

7893

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

PS1: 12
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

16:32

Stop time (from RC):

17:27

☐ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 348 k

$e-K\Lambda$ evts:
46

SHMS prescale
pretrig: 436 k

$\Sigma e-K\Lambda$ evts:
167

COIN pretrig: 1057 k

☒ Data ok
☐ Junk

Run Number:

7894

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

PS1: 12
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

17:28

Stop time (from RC):

18:32

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 300 k

$e-K\Lambda$ evts:
48

SHMS prescale
pretrig: 374 k

$\Sigma e-K\Lambda$ evts:
215

COIN pretrig: 915 k

☒ Data ok
☐ Junk

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

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

Date: 14 / 03 / 24
yy mm dd

Initials: V. L

Continuation of Configuration:

$Q^2 = 2.115$, $\omega = 2.95$
 $x = 0.21$, SHMS led t , $Q = 8.48^\circ$

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

Run Number: 7895	<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>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>18:32</u> Stop time (from RC): <u>19:30</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>329</u> k pretrig: <u>17</u> e-K Λ evts: <u>43</u>	SHMS prescale: <u>411</u> k pretrig: <u>1733</u> Σ e-K Λ evts: <u>258</u>	COIN pretrig: <u>1000</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μA.							

Run Number: 7896	<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>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>19:30</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: <u>558</u> k pretrig: <u>558</u> e-K Λ evts: <u>87</u>	SHMS prescale: <u>696</u> k pretrig: <u>696</u> Σ e-K Λ evts: <u>345</u>	COIN pretrig: <u>1695</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μA.							

Run Number: 7897	<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: <u>12</u> PS2: <u>-1</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>21:11</u> Stop time (from RC): <u>21:28</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>21</u> k pretrig: <u>21</u> e-K Λ evts:	SHMS prescale: <u>15</u> k pretrig: <u>15</u> Σ e-K Λ evts:	COIN pretrig: <u>18</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 40 μA Dummy (10cm)							

Run Number: 7898	<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: <u>10</u> PS2: <u>-1</u> PS3: <u>6</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>21:30</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: <u>176</u> k pretrig: <u>176</u> e-K Λ evts:	SHMS prescale: <u>127</u> k pretrig: <u>127</u> Σ e-K Λ evts:	COIN pretrig: <u>41</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 40 μA Dummy (10cm) (prescaled Rate has changed)							

Run Number: 7899	<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>8</u> PS3: <u>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>22:21</u> Stop time (from RC): <u>23:24</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>361</u> k pretrig: <u>361</u> e-K Λ evts: <u>57</u>	SHMS prescale: <u>450</u> k pretrig: <u>450</u> Σ e-K Λ evts: <u>402</u>	COIN pretrig: <u>1105</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μA.							

Run Number: 7900	<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>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>23:25</u> Stop time (from RC): <u>00:30</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>401</u> k pretrig: <u>401</u> e-K Λ evts: <u>61</u>	SHMS prescale: <u>500</u> k pretrig: <u>500</u> Σ e-K Λ evts: <u>463</u>	COIN pretrig: <u>1222</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 70 μA							

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

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

Date: 19 / 03 / 25
yy mm dd

Initials: ZP

Continuation of Configuration:

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

$$x = 0.21, \text{SHMS left } \theta = 8.48^\circ$$

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

Run Number: 7901	<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>8</u> PS4: <u>-1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>00:31</u> Stop time (from RC): <u>01:34</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>375</u> k pretrig: <u>57</u> e-K Λ evts: <u>57</u>	SHMS prescale: <u>466</u> k pretrig: <u>520</u> Σ e-K Λ evts: <u>520</u>	COIN pretrig: <u>1141</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>~ 70 μA</u>							

Run Number: 7902	<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>8</u> PS4: <u>1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>01:36</u> Stop time (from RC): <u>02:34</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>371</u> k pretrig: <u>60</u> e-K Λ evts: <u>60</u>	SHMS prescale: <u>461</u> k pretrig: <u>580</u> Σ e-K Λ evts: <u>580</u>	COIN pretrig: <u>1135</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>~ 70 μA</u>							

Run Number: 7903	<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>8</u> PS4: <u>1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>02:41</u> Stop time (from RC): <u>03:40</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>370</u> k pretrig: <u>44</u> e-K Λ evts: <u>44</u>	SHMS prescale: <u>459</u> k pretrig: <u>624</u> Σ e-K Λ evts: <u>624</u>	COIN pretrig: <u>1127</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>~ 70 μA</u>							

Run Number: 7904	<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>8</u> PS4: <u>1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>03:41</u> Stop time (from RC): <u>04:44</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>393</u> k pretrig: <u>56</u> e-K Λ evts: <u>56</u>	SHMS prescale: <u>487</u> k pretrig: <u>680</u> Σ e-K Λ evts: <u>680</u>	COIN pretrig: <u>1199</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>~ 70 μA</u>							

Run Number: 7905	<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>8</u> PS4: <u>1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>04:45</u> Stop time (from RC): <u>05:48</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>282</u> k pretrig: <u>38</u> e-K Λ evts: <u>38</u>	SHMS prescale: <u>348</u> k pretrig: <u>715</u> Σ e-K Λ evts: <u>715</u>	COIN pretrig: <u>862</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>~ 70 μA (beam was off for about ~ 20 min)</u>							

Run Number: 7906	<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>8</u> PS4: <u>1</u> PS5: <u>0</u> PS6: <u>-1</u>	Start time (from RC): <u>05:49</u> Stop time (from RC): <u>06:50</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale: <u>370</u> k pretrig: <u>82</u> e-K Λ evts: <u>82</u>	SHMS prescale: <u>458</u> k pretrig: <u>767</u> Σ e-K Λ evts: <u>767</u>	COIN pretrig: <u>1127</u> k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: <u>~ 70 μA</u>							

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

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

Date: 19 / 03 / 25
yy mm dd

Initials: ZP

Continuation of Configuration:

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

$$X = 0.021, \text{SHMS left } \theta = 8.48^\circ$$

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

Run Number: 7907	<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: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 06:50 Stop time (from RC): 07:50	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 341 k e-K Λ evts: 51	SHMS prescale pretrig: 421 k Σ e-K Λ evts: 818	COIN pretrig: 1042 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

$\sim 70 \mu A$

Run Number: 7908	<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: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:50 Stop time (from RC): 08:28	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 249 k e-K Λ evts: 36	SHMS prescale pretrig: 271 k Σ e-K Λ evts: 854	COIN pretrig: 674 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments:

70MA, ended early due to beam studies

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) Λ Run Sheet

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

Date: 19/03/25
yy mm dd

Initials: WDC

Use a separate sheet for each configuration.

Configuration Name: $\theta = 6.20^\circ$

$Q^2 = 2.115$, $W = 2.95$, $x = 0.21$

LH2 SHMS center

E_{beam}: 6170 GeV

I_{beam}: 40 μ A

Purpose:

☒ Production

☐ Test

☐ Optics

☐ Other: _____

Raster: ☒ On ☐ Off

Size: 2 x 2

Beam position and angle on target:

3H07A	X	Y
-0.303 mm		-0.200 mm
Nomin: -0.3		Nomin: -0.2
3H07C	X	Y
-1.0 mm		0.199 mm
Nomin: -1.0		Nomin: 0.2

HMS

SHMS

Q1	I-SET (from PSU) 115.75 A B-HALL 0.110 kg	A	I-SET (from PSU) 1663.45 A B-HALL -10.547 kg	HB
Q2	I-SET (from PSU) 91.70 A B-HALL -0.146 kg	A	I-SET (from PSU) 1046.12 A B-HALL 7.410 kg	Q1
Q3	I-SET (from PSU) 44.53 A B-HALL 0.085 kg	A	I-SET (from PSU) 1757.26 A B-HALL -16.588 kg	Q2
D	I-READ 270.66 A B-NMR 0.24311 kg	A	I-SET (from PSU) 1156.16 A B-HALL -11.262 kg	Q3
	If momentum increased: <input checked="" type="checkbox"/> HMS cycled? (after trip) <input type="checkbox"/> SHMS cycled?		I-SET (from PSU) 1587.88 A B-NMR 11.560 kg	D

Run Number:

7909

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

PS1: 14
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

18:30

Stop time (from RC):

19:32

☒ Settings Verified?
☒ HV OK?
☒ 50k OK?

HMS prescale
pretrig: 205 k

e-K Λ evts:
36

SHMS prescale
pretrig: 168 k

Σ e-K Λ evts:
36

COIN
pretrig: 953 k

☒ Data ok
☐ Junk

Run Number:

7910

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

PS1: 14
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

19:33

Stop time (from RC):

19:58

☒ Settings Verified?
☒ HV OK?
☒ 50k OK?

HMS prescale
pretrig: 86 k

e-K Λ evts:
12

SHMS prescale
pretrig: 71 k

Σ e-K Λ evts:
48

COIN
pretrig: 400 k

☒ Data ok
☐ Junk

Ended with HMS Q2 diff (set - true) alarm. Probably OK

Run Number:

7911

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

PS1: 14
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

20:01

Stop time (from RC):

20:49

☒ Settings Verified?
☒ HV OK?
☒ 50k OK?

HMS prescale
pretrig: 121 k

e-K Λ evts:
25

SHMS prescale
pretrig: 99 k

Σ e-K Λ evts:
73

COIN
pretrig: 564 k

☒ Data ok
☐ Junk

Ended with MCC having beam issues

Run Number:

7912

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

PS1: 14
PS2: -1
PS3: 8
PS4: -1
PS5: 0
PS6: -1

Start time (from RC):

22:51

Stop time (from RC):

23:23

☒ Settings Verified?
☒ HV OK?
☒ 50k OK?

HMS prescale
pretrig: 46 k

e-K Λ evts:
14

SHMS prescale
pretrig: 37 k

Σ e-K Λ evts:
87

COIN
pretrig: 218 k

☒ Data ok
☐ Junk

May be suspect due to S_{pr}A beam

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

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

Date: 19.03.25
yy mm dd

Initials: WZ, ZP

Continuation of Configuration:

$\theta = 6.20^\circ$, $Q^2 = 2.115$, $W = 2.95$,
 $x = 0.21$

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

rates (not prescaled)

Run Number: 7913	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 14 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 23:25 Stop time (from RC): 00:12	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 5 k e-K Λ evts: 4	SHMS prescale pretrig: 285 k Σ e-K Λ evts: 91	COIN pretrig: 0.199 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: Stopped run early; MCC called and said they had a problem with a magnet and were taking away the beam for a while. rates (not prescaled)

Run Number: 7914	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 14 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 03:32 Stop time (from RC): 04:32	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 6.6 k e-K Λ evts: 26	SHMS prescale pretrig: 345 k Σ e-K Λ evts: 117	COIN pretrig: 0.237 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: Beam just came back @ 3:32am. ~40 μ A.

Run Number: 7915	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 14 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 04:32 Stop time (from RC): 05:39	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 185 k e-K Λ evts: 38	SHMS prescale pretrig: 152 k Σ e-K Λ evts: 155	COIN pretrig: 886 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: ~40 μ A

Run Number: 7916	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 14 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 05:39 Stop time (from RC): 06:40	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: 211 k e-K Λ evts: 33	SHMS prescale pretrig: 174 k Σ e-K Λ evts: 188	COIN pretrig: 979 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: ~40 μ A

Run Number: 7917	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 14 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 06:40 Stop time (from RC): 07:44	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 188 k e-K Λ evts: 28	SHMS prescale pretrig: 228 k Σ e-K Λ evts: 216	COIN pretrig: 1058 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: ~40 μ A

Run Number: 7918	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: 14 PS2: -1 PS3: 8 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 07:44 Stop time (from RC): 08:01	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 43 k e-K Λ evts: 5	SHMS prescale pretrig: 35 k Σ e-K Λ evts: 221	COIN pretrig: 201 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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Comments: ~40 μ A

p(e,e'K) Λ Run Sheet

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

Date: 19/3/26
yy mm dd

Initials: SK

Continuation of Configuration:

$$\theta_{\text{KMS}} = 6.2 \quad Q^2 = 2.115$$

$$\alpha = 0.21 \quad W = 2.15$$

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

$$\Sigma K\Lambda = 246$$

Run Number: 7919	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 13:20 Stop time (from RC): 14:26	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 346 k e-K Λ evts: 25	SHMS prescale pretrig: 288 k Σ e-K Λ evts: 246	COIN pretrig: 813 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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40mA Adjusted PS rates slightly, closer to 100kHz now

Run Number: 7920	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 14:35 Stop time (from RC): 15:28	<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: 235 k Σ e-K Λ evts: 260	COIN pretrig: 660 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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40mA

Run Number: 7921	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 15:29 Stop time (from RC): 16:30	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 371 k e-K Λ evts: 39	SHMS prescale pretrig: 443 k Σ e-K Λ evts: 299	COIN pretrig: 1043 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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40mA

Run Number: 7922	<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: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 16:38 Stop time (from RC): 16:59	<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: 0	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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40mA, MT 10 cm, Beam OFF for half of the run. BPMs unstable.

Run Number: 7923	<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: 11 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 17:00 Stop time (from RC): 18:14	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 95 k e-K Λ evts: 0	SHMS prescale pretrig: 96 k Σ e-K Λ evts:	COIN pretrig: 37 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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40mA, PS1, PS3 adjusted.

Run Number: 7924	<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: 11 PS2: -1 PS3: 6 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:14 Stop time (from RC): 18:48	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 156 k e-K Λ evts: 0	SHMS prescale pretrig: 185 k Σ e-K Λ evts: 36	COIN pretrig: 63 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
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p(e,e'K) Λ Run Sheet

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

Date: 19/3/26
yy mm dd

Initials: WAC

Continuation of Configuration:

$\theta_{SHMS} = 6.9^\circ$, $Q^2 = 2.115$, $\eta = 0.2$
 $W = 2.95$

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

Run Number: 7925	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 18:54 Stop time (from RC): 19:59	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 415 k e-K Λ evts: 33	SHMS prescale pretrig: 347 k Σ e-K Λ evts: 332	COIN pretrig: 975 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 7926	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 19:59 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 pretrig: 444 k e-K Λ evts: 50	SHMS prescale pretrig: 372 k Σ e-K Λ evts: 382	COIN pretrig: 1046 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 7927	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 21:03 Stop time (from RC): 22:08	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 350 k e-K Λ evts: 43	SHMS prescale pretrig: 292 k Σ e-K Λ evts: 425	COIN pretrig: 821 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 7928	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 22:08 Stop time (from RC): 22:48	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 176 k e-K Λ evts: 19	SHMS prescale pretrig: 147 k Σ e-K Λ evts: 444	COIN pretrig: 423 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: last 10 min no beam							

Run Number: 7929	<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): 22:54 Stop time (from RC): 22:58	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: 8.3 k e-K Λ evts:	SHMS prescale pretrig: 6.8 k Σ e-K Λ evts:	COIN pretrig: 20.2 k <input type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: No beam Exclude KA from sum hnt net on							

Run Number: 7930	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 1:48 Stop time (from RC): 1:55	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: 34 k e-K Λ evts: 2	SHMS prescale pretrig: 28 k Σ e-K Λ evts: 23	COIN pretrig: 78.4 k <input checked="" type="checkbox"/> Data ok <input checked="" type="checkbox"/> Junk
Comments: I = 40 nA setting Target rates; didn't run so as stopped early chn							

BCM4A reading so sucked into online runlist as current

okay, short run

p(e,e'K) Λ Run Sheet

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

Date: 19 / 03 / 27
yy mm dd

Initials: *mm*

Continuation of Configuration:

$\theta_{SHMS} = 6.20^\circ$, $Q^2 = 2.115$, $x = 0.22$, 0.21 *mm*
 $w = 2.95$

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

Run Number: 7931	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 1:54:37 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: <i>ps 3</i> 420 k e-K Λ evts:	SHMS prescale pretrig: <i>ps 1</i> 420 k Σ e-K Λ evts:	COIN pretrig: 281 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							

Run Number: 7931	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: 1	Start time (from RC): 1:54:37 Stop time (from RC): 2:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 427 k e-K Λ evts: 37	SHMS prescale pretrig: 353 k Σ e-K Λ evts: 481	COIN pretrig: 972 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: Beam current 39 <i>erroneously</i> mA; BCM4A reading 50 <i>erroneously</i> mA \rightarrow sucked into online run list as current							

Run Number: 7932	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 2:55 Stop time (from RC): 3:52	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 416 k e-K Λ evts: 32	SHMS prescale pretrig: 347 k Σ e-K Λ evts: 513	COIN pretrig: 980 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: Beam current 39 40 <i>SHMS Hadron 50% e-d track eff</i> mA; BCM4A <i>erroneously</i> reading 50 mA \rightarrow sucked into online run list as current							

Run Number: 7933	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 3:53:33 Stop time (from RC): 4:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 408 k e-K Λ evts: 38	SHMS prescale pretrig: 340 k Σ e-K Λ evts: 551	COIN pretrig: 961 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: Beam current 40 mA; BCM4A <i>erroneously</i> sucking 50 mA current into online run list <i>SHMS Hadron 50% e-d track eff 96.14</i>							

Run Number: 7934	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 4:55 Stop time (from RC): 5:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 427 k e-K Λ evts: 40	SHMS prescale pretrig: 357 k Σ e-K Λ evts: 591	COIN pretrig: 1003 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: Beam current 40 mA							

Run Number: 7935	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 5:55 Stop time (from RC): 6:54	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 386 k e-K Λ evts: 26	SHMS prescale pretrig: 322 k Σ e-K Λ evts: 617	COIN pretrig: 909 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 40 mA							

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

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

Date: 19 / 03 / 27
yy mm dd

Initials:

Continuation of Configuration:

$$\theta_{SHMS} = 6.20 \quad Q^2 = 2.15$$

$$x = 0.21 \quad w = 2.95$$

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

Run Number: 7936	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 6:55:07 Stop time (from RC): 7:48	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 368 k $e-K\Lambda$ evts: 32	SHMS prescale pretrig: 307 k $\Sigma e-K\Lambda$ evts: 649	COIN pretrig: 866 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 40 μ A							

Run Number: 7937	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 7:48 Stop time (from RC): 8:53	<input type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 399 k $e-K\Lambda$ evts: 37	SHMS prescale pretrig: 332 k $\Sigma e-K\Lambda$ evts: 686	COIN pretrig: 940 k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 40 μ A current; LH2 target.							

Run Number: 7938	<input checked="" type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l. <input type="checkbox"/>	PS1: 13 PS2: -1 PS3: 7 PS4: -1 PS5: 0 PS6: -1	Start time (from RC): 8:54 Stop time (from RC): 10:00	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale pretrig: 348 k $e-K\Lambda$ evts: 38	SHMS prescale pretrig: 290 k $\Sigma e-K\Lambda$ evts: 724	COIN pretrig: 825 k <input checked="" type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: 40 μ A, LH2 target.							

Run Number: 7939	<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 $e-K\Lambda$ evts:	SHMS prescale pretrig: k $\Sigma e-K\Lambda$ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments: Cosmic data.							

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 $e-K\Lambda$ 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:	<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 $e-K\Lambda$ evts:	SHMS prescale pretrig: k $\Sigma e-K\Lambda$ evts:	COIN pretrig: k <input type="checkbox"/> Data ok <input type="checkbox"/> Junk
Comments:							