

$p(e, e'\pi)n$ Run Sheet

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

Date: 21 / 11 / 11
yy mm dd

Initials: PD

Use a separate sheet for each configuration.

Configuration Name: $Q^2=1.6$,
 $W=3.08$, SHMS right
($\theta=6.97^\circ$)

E_{beam} : 9.867 GeV

I_{beam} : 30 μA

Purpose:

- ☒ Production
☐ Test (e.g. DAQ, Detector)
☐ Optics (SHMS / HMS)
☐ Other: _____

Raster: ☒ On ☐ Off
Size: 2x2

Beam position and angle
on target:

3H07A	X	Y
<u>-0.51</u> mm		<u>0.01</u> mm
Nomin:		Nomin:
3H07C	X	Y
<u>-0.9</u> mm		<u>-0.33</u> mm
Nomin:		Nomin:

HMS

SHMS

Q1	I-SET (from PSU) <u>578.082</u> A	I-SET (from PSU) <u>1815.29</u> A	HB
	B-HALL <u>0.7715</u> T	B-HALL <u>-11.56</u> kG	
Q2	I-SET (from PSU) <u>459.681</u> A	I-SET (from PSU) <u>578.082</u> A	Q1
	B-HALL <u>-0.89334</u> T	B-HALL <u>8.115</u> kG	
Q3	I-SET (from PSU) <u>223.547</u> A	I-SET (from PSU) <u>459.681</u> A	Q2
	B-HALL <u>0.44987</u> T	B-HALL <u>-18.063</u> kG	
D	I-READ <u>1364.97</u> A	I-SET (from PSU) <u>1258.24</u> A	Q3
	B-NMR <u>1.21465</u> T	B-HALL <u>-12.164</u> kG	
If momentum increased:		I-SET (from PSU) <u>1729.95</u> A	D
☐ HMS cycled? ☐ SHMS cycled?		B-NMR <u>12.593</u> kG	

Run Number:

13170

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 13
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

17:19

Stop time (RC GUI):

17:21

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

HMS prescale
pretrig: 14 k

$e-\pi n$ evts:

SHMS prescale
pretrig: 16 k

$\Sigma e-\pi n$ evts:

COIN pretrig: 266 k

- ☒ Data ok
☐ Junk

Comments:

This was a 2 min long fadcmode10 run. 30 μA

Run Number:

13171

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 13
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

17:23

Stop time (RC GUI):

17:38

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

HMS prescale
pretrig: 103 k

$e-\pi n$ evts:

17380

SHMS prescale
pretrig: 118 k

$\Sigma e-\pi n$ evts:

17380

COIN pretrig: 2005 k

- ☒ Data ok
☐ Junk

Comments:

30 μA

Run Number:

13172

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 13
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

17:42

Stop time (RC GUI):

18:07

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

HMS prescale
pretrig: 142 k

$e-\pi n$ evts:

24243

SHMS prescale
pretrig: 162 k

$\Sigma e-\pi n$ evts:

41623

COIN pretrig: 2770 k

- ☒ Data ok
☐ Junk

Comments:

30 μA

Run Number:

13174

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 13
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

18:08

Stop time (RC GUI):

18:18

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

HMS prescale
pretrig: 71 k

$e-\pi n$ evts:

11891

SHMS prescale
pretrig: 80 k

$\Sigma e-\pi n$ evts:

53514

COIN pretrig: 1383 k

- ☒ Data ok
☐ Junk

Comments:

30 μA

$p(e,e'\pi)n$ Run Sheet

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

Date: 21 / 11 / 11
yy mm dd

Initials: PD

Continuation of Configuration:

$$W = 3.08, Q^2 = 1.6,$$

SHMS right ($\theta = 6.97^\circ$)

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

Run Number: 13175	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>10</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 18:22 Stop time (RC GUI): 18:27	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 23 k $e-\pi n$ evts: 4213	SHMS prescale pretrig: 26 k $\Sigma e-\pi n$ evts: 57727	COIN pretrig: 310 k ☒ Data ok ☐ Junk
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20 μ A. (Was a 5 min run)

Run Number: 13176	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>10</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 18:28 Stop time (RC GUI): 19:12	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 144 k $e-\pi n$ evts: 34890	SHMS prescale pretrig: 217 k $\Sigma e-\pi n$ evts: 92617	COIN pretrig: 2607 k ☒ Data ok ☐ Junk
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20 μ A

Run Number: 13177	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: _____ PS2: _____ PS3: _____ PS4: _____ PS5: _____ PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): 19:14 Stop time (RC GUI): 19:14	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: _____ k $e-\pi n$ evts: _____	SHMS prescale pretrig: _____ k $\Sigma e-\pi n$ evts: _____	COIN pretrig: _____ k ☐ Data ok ☒ Junk
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HMS Q2 Interlock

Run Number: 13178	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>10</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 21:28 Stop time (RC GUI): 21:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 139 k $e-\pi n$ evts: 23606	SHMS prescale pretrig: 158 k $\Sigma e-\pi n$ evts: 116223	COIN pretrig: 2720 k ☒ Data ok ☐ Junk
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30 μ A

Run Number: 13179	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>10</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 21:57 Stop time (RC GUI): 22:20	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 140 k $e-\pi n$ evts: 23364	SHMS prescale pretrig: 158 k $\Sigma e-\pi n$ evts: 139532	COIN pretrig: 2722 k ☒ Data ok ☐ Junk
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30 μ A

Run Number: 13180	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>12</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>9</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 22:30 Stop time (RC GUI): 22:50	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 121 k $e-\pi n$ evts: 2607	SHMS prescale pretrig: 93 k $\Sigma e-\pi n$ evts: _____	COIN pretrig: 412 k ☐ Data ok ☐ Junk
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40 μ A

$p(e, e'\pi)n$ Run Sheet

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

Date: 21 / 11 / 11
yy mm dd

Initials: PD

Use a separate sheet for each configuration.

Configuration Name: $Q^2 = 1.6$

$W = 3.08$, SHMS
center ($\theta = 8.69^\circ$)

E_{beam} : 9.866 GeV

I_{beam} : 40 μA

Purpose:

- ☒ Production
☐ Test (e.g. DAQ, Detector)
☐ Optics (SHMS / HMS)
☐ Other: _____

Raster: ☒ On ☐ Off
Size: 2x2

Beam position and angle on target:

3H07A	X	Y
<u>-0.5</u> mm	<u>-0.01</u> mm	
Nomin:	Nomin:	
3H07C	X	Y
<u>-0.87</u> mm	<u>-0.3</u> mm	
Nomin:	Nomin:	

HMS

SHMS

Q1	I-SET (from PSU) <u>578.082</u> A B-HALL <u>0.7715</u> T	I-SET (from PSU) <u>1815.29</u> A B-HALL <u>-11.56</u> kG	HB
Q2	I-SET (from PSU) <u>459.681</u> A B-HALL <u>-0.89334</u> T	I-SET (from PSU) <u>578.082</u> A B-HALL <u>8.115</u> kG	Q1
Q3	I-SET (from PSU) <u>223.547</u> A B-HALL <u>0.44987</u> T	I-SET (from PSU) <u>459.681</u> A B-HALL <u>-18.063</u> kG	Q2
D	I-READ <u>1364.97</u> A B-NMR <u>1.21465</u> T	I-SET (from PSU) <u>1258.24</u> A B-HALL <u>-12.164</u> kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) <u>1729.95</u> A B-NMR <u>12.593</u> kG	D

HMS

p: +04.437 θ (TV): 11.015
From GUI Nearest 0.005

SHMS

p: 5.422 θ (TV): 8.69
From GUI Nearest 0.005

Collimator:

HMS: Large Sieve ☒
Small Sieve ☐

SHMS: Collim Sieve ☒
Small Sieve ☐

13181, 13182 $\rightarrow$ JUNK

Run Number:

13183

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 13
PS2: -1
PS3: -1
PS4: 11
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:18

Stop time (RC GUI):

23:20

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: k

$e\pi n$ evts:

SHMS prescale pretrig: k

$\Sigma e\pi n$ evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

(40 μA) It was 2min FADC10 run. Live time dropped fluctuated significantly. Going to take another such run with lower current. (20 μA)

Run Number:

13184

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:24

Stop time (RC GUI):

23:26

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: k

$e\pi n$ evts:

SHMS prescale pretrig: k

$\Sigma e\pi n$ evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

Another fadc 10 mode run with lower current (20 μA). This time we got 100% live time throughout.

Run Number:

13185

- ☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:31

Stop time (RC GUI):

23:37

☐ Settings Verified?

☐ HV OK?

☐ 50k OK?

HMS prescale pretrig: k

$e\pi n$ evts:

SHMS prescale pretrig: k

$\Sigma e\pi n$ evts:

COIN pretrig: k

☐ Data ok

☒ Junk

Comments:

Run Number:

13186

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ____cm
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 10
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:31

Stop time (RC GUI):

23:37

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: 48 k

$e\pi n$ evts: 9078

SHMS prescale pretrig: 52 k

$\Sigma e\pi n$ evts: 9078

COIN pretrig: 637 k

☒ Data ok

☐ Junk

Comments:

40 μA

$p(e,e'\pi)n$ Run Sheet

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

Date: 21/11/11
yy mm dd

Initials: PD

Continuation of Configuration:

$Q^2 = 1.6$, $W = 3.08$, SHMS
center ($\theta = 8.69^\circ$)

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

Run Number: 13187	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>11</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 23:38 Stop time (RC GUI): 00:10	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>137</u> k $e-\pi n$ evts: 50125	SHMS prescale pretrig: <u>142</u> k $\Sigma e-\pi n$ evts: 59203	COIN pretrig: <u>3444</u> k ☒ Data ok ☐ Junk
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Run Number: 13188	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>11</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 00:15 Stop time (RC GUI): 00:39	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>105</u> k $e-\pi n$ evts: 39874	SHMS prescale pretrig: <u>114</u> k $\Sigma e-\pi n$ evts: 49077	COIN pretrig: <u>2763</u> k ☒ Data ok ☐ Junk
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Run Number: 13189	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>11</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 00:41 Stop time (RC GUI): 01:08	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>107</u> k $e-\pi n$ evts: 40491	SHMS prescale pretrig: <u>115</u> k $\Sigma e-\pi n$ evts:	COIN pretrig: <u>2798</u> k ☒ Data ok ☐ Junk
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Run Number: 13190	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>11</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 01:21 Stop time (RC GUI): 01:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: ____ k $e-\pi n$ evts:	SHMS prescale pretrig: ____ k $\Sigma e-\pi n$ evts:	COIN pretrig: ____ k ☐ Data ok ☐ Junk
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Run Number:	☐ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: ____ PS2: ____ PS3: ____ PS4: ____ PS5: ____ PS6: ____ Mode10: cer / fadc	Start time (RC GUI): Stop time (RC GUI):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: ____ k $e-\pi n$ evts:	SHMS prescale pretrig: ____ k $\Sigma e-\pi n$ evts:	COIN pretrig: ____ k ☐ Data ok ☐ Junk
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Run Number:	☐ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: ____ PS2: ____ PS3: ____ PS4: ____ PS5: ____ PS6: ____ Mode10: cer / fadc	Start time (RC GUI): Stop time (RC GUI):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: ____ k $e-\pi n$ evts:	SHMS prescale pretrig: ____ k $\Sigma e-\pi n$ evts:	COIN pretrig: ____ k ☐ Data ok ☐ Junk
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$p(e, e'\pi)n$ Run Sheet

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

Date: 21/11/12
yy mm dd

Initials: _____

Use a separate sheet for each configuration.

Configuration Name: _____

$Q^2 = 1.6, W = 3.08$

$\theta_{\text{springs}} = 10.69$ (Left)

$E_{\text{beam}} = 9.867$ GeV

$I_{\text{beam}} =$ _____ μA

Purpose:

- ☒ Production
☐ Test (e.g. DAQ, Detector)
☐ Optics (SHMS / HMS)
☐ Other: _____

Raster: ☒ On ☐ Off
Size: 2x2

Beam position and angle on target:

3H07A	X	Y
<u>-0.5</u> mm		<u>-0.0</u> mm
Nomin:		Nomin:
3H07C	X	Y
<u>-0.9</u> mm		<u>-0.3</u> mm
Nomin:		Nomin:

HMS

SHMS

Q1	I-SET (from PSU) <u>578.10</u> A B-HALL <u>0.76810</u> T	I-SET (from PSU) <u>1814.65</u> A B-HALL <u>-11.559</u> kG	HB
Q2	I-SET (from PSU) <u>459.70</u> A B-HALL <u>-0.89059</u> T	I-SET (from PSU) <u>1138.32</u> A B-HALL <u>8.119</u> kG	Q1
Q3	I-SET (from PSU) <u>223.64</u> A B-HALL <u>0.44880</u> T	I-SET (from PSU) <u>1911.96</u> A B-HALL <u>-18.066</u> kG	Q2
D	I-READ <u>1363.71</u> A B-NMR <u>1.21462</u> T	I-SET (from PSU) <u>1257.99</u> A B-HALL <u>-12.168</u> kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) <u>1729.84</u> A B-NMR <u>12.586</u> kG	D

Run Number:

13191

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics _____
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 11
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

02-03

Stop time (RC GUI):

02-09

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

HMS prescale
pretrig: 24 k

$e-\pi n$ evts:

5484

SHMS prescale
pretrig: 21 k

$\Sigma e-\pi n$ evts:

5484

COIN pretrig: 444 k

☒ Data ok

☐ Junk

Comments:

Short run for pion yield estimate

Run Number:

13192

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics _____
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 11
PS5: -1
PS6: 0
Mode10: cer / fadc

Start time (RC GUI):

02-11

Stop time (RC GUI):

02-14

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

HMS prescale
pretrig: _____ k

$e-\pi n$ evts:

SHMS prescale
pretrig: _____ k

$\Sigma e-\pi n$ evts:

COIN pretrig: _____ k

☐ Data ok

☐ Junk

Comments:

FADC MOD 10 Run

Run Number:

13193

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics _____
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 11
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

02-16

Stop time (RC GUI):

02-40

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

HMS prescale
pretrig: 88 k

$e-\pi n$ evts:

20054

SHMS prescale
pretrig: 79 k

$\Sigma e-\pi n$ evts:

25538

COIN pretrig: 1657 k

☒ Data ok

☐ Junk

Comments:

Run Number:

13194

- ☒ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics _____
☐ _____

PS1: 12
PS2: -1
PS3: -1
PS4: 11
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

02-51

Stop time (RC GUI):

03:09

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

HMS prescale
pretrig: 31 k

$e-\pi n$ evts:

7052

SHMS prescale
pretrig: 28 k

$\Sigma e-\pi n$ evts:

32590

COIN pretrig: 609 k

☒ Data ok

☐ Junk

Comments:

Bad beam most of run

$p(e,e'\pi)n$ Run Sheet

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

Date: 21 / 11 / 12
yy mm dd

Initials: _____

Continuation of Configuration:

$Q^2 = 1.6$, $W = 3.05$
 $2\theta = 10.69^\circ$

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

Run Number: 13195	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 11 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 03:13 Stop time (RC GUI): 03:46	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 125 k $e-\pi n$ evts: 28818	SHMS prescale pretrig: 112 k $\Sigma e-\pi n$ evts: 61408	COIN pretrig: 2396 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13196	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 11 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 03:47 Stop time (RC GUI): 04:08	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 145 k $e-\pi n$ evts: 32774	SHMS prescale pretrig: 130 k $\Sigma e-\pi n$ evts: 94182	COIN pretrig: 2752 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13197	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 11 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 04:18 Stop time (RC GUI): 04:31	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 133 k $e-\pi n$ evts: 30994	SHMS prescale pretrig: 119 k $\Sigma e-\pi n$ evts: 124376	COIN pretrig: 2504 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13198	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 11 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 04:34 Stop time (RC GUI): 04:53	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 45 k $e-\pi n$ evts: 70415	SHMS prescale pretrig: 40 k $\Sigma e-\pi n$ evts: 135291	COIN pretrig: 844 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13199	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 11 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 04:58 Stop time (RC GUI): 05:15	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 103 k $e-\pi n$ evts: 24175	SHMS prescale pretrig: 92 k $\Sigma e-\pi n$ evts: 159466	COIN pretrig: 1823 k ☒ Data ok ☐ Junk
Comments: Unstable beam							

Run Number: 13200	☒ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 11 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 05:20 Stop time (RC GUI): 05:40	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 11 k $e-\pi n$ evts: 652	SHMS prescale pretrig: 7 k $\Sigma e-\pi n$ evts: 160118	COIN pretrig: 55 k ☒ Data ok ☐ Junk
Comments: DUMMY TARGET RUN							