

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

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

Date: 22/01/31
yy mm dd

Initials: ERK

Use a separate sheet for each configuration.

Configuration Name:

$Q^2 = 385$, $W = 3.07$, $x = 0.31$

$Low E$, $\theta_{SHMS} = 8.39^\circ$

E_{beam} : 7.94 GeV

I_{beam} : 18 μA

Purpose:

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

Raster: ☒ On ☐ Off

Size: 2x2 mm

Beam position and angle on target:

3H07A	X	Y
-1.6 mm	-1.3 mm	
Nomin:	Nomin:	
3H07C	X	Y
-1.0 mm	-1.5 mm	
Nomin:	Nomin:	

HMS

SHMS

Q1	I-SET (from PSU) 173.56 A B-HALL 0.22760 T	I-SET (from PSU) 2205.9 A B-HALL 13.939 kg	HB
Q2	I-SET (from PSU) 137.84 A B-HALL -0.23837 T	I-SET (from PSU) 1376.10 A B-HALL -9.684 kg	Q1
Q3	I-SET (from PSU) 66.89 A B-HALL 0.13039 T	I-SET (from PSU) 2305.20 A B-HALL 21.579 kg	Q2
D	I-READ 406.77 A B-NMR 0.36764 T	I-SET (from PSU) 1516.68 A B-HALL 14.580 kg	Q3
	If momentum increased: ☐ HMS cycled? ☒ SHMS cycled?	I-SET (from PSU) 2085.48 A B-NMR -15.204 kg	D

HMS

p: +/- -1.3320
From GUI

$\theta(TV)$: 35.12
Nearest 0.005

SHMS

p: +/- -6.538
From GUI

$\theta(TV)$: 8.340
Nearest 0.005

Collimator:

HMS: Large ☒
Sieve ☐

SHMS: Collim ☒
Sieve ☐

Run Number:

14628

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

PS1: 13
PS2: -1
PS3: -1
PS4: 6
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

21:27

Stop time (RC GUI):

22:38

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 492 k

$e-\pi n$ evts:
79.51

SHMS prescale
pretrig: 563 k

$\Sigma e-\pi n$ evts:
3031.23

COIN pretrig: 656 k

☒ Data ok
☐ Junk

Comments:

Collection of additional statistics (see Runs around 13693)
(3024)

Run Number:

14629

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

PS1: 13
PS2: 7
PS3: 7
PS4: 6
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

22:38

Stop time (RC GUI):

23:40

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 437 k

$e-\pi n$ evts:
6089

SHMS prescale
pretrig: 501 k

$\Sigma e-\pi n$ evts:
3232

COIN pretrig: 592 k

☐ Data ok
☐ Junk

Comments:

Run Number:

14630

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

PS1: 13
PS2: -1
PS3: -1
PS4: 6
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:41

Stop time (RC GUI):

00:42:42

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 404 k

$e-\pi n$ evts:
5879

SHMS prescale
pretrig: 463 k

$\Sigma e-\pi n$ evts:
3291

COIN pretrig: 551 k

☒ Data ok
☐ Junk

Comments:

Run Number:

14631

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

PS1: 13
PS2: -1
PS3: -1
PS4: 6
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

00:43:18

Stop time (RC GUI):

1:29

☒ Settings Verified?

☐ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 296 k

$e-\pi n$ evts:
5477

SHMS prescale
pretrig: 340 k

$\Sigma e-\pi n$ evts:
3247

COIN pretrig: 401 k

☒ Data ok
☐ Junk

Comments:

3368

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

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

Date: 22/02/01
yy mm dd

Initials: NH

Continuation of Configuration:

$Q^2=3.85$, $W=3.07$, $x=0.31$

low E $\Theta_{\text{miss}}=8.39^\circ$

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

Run Number: <u>14632</u>	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: _____ PS3: _____ PS4: <u>6</u> PS5: <u>0</u> PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>2:05</u> Stop time (RC GUI): <u>3:19</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>524</u> k $e-\pi n$ evts: <u>126</u>	SHMS prescale pretrig: <u>603</u> k $\Sigma e-\pi n$ evts: <u>3494</u>	COIN pretrig: <u>705</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14633</u>	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: _____ PS3: _____ PS4: <u>6</u> PS5: <u>0</u> PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>3:20</u> Stop time (RC GUI): <u>4:20</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>425</u> k $e-\pi n$ evts: <u>95</u>	SHMS prescale pretrig: <u>490</u> k $\Sigma e-\pi n$ evts: <u>3589</u>	COIN pretrig: <u>570</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14634</u>	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: _____ PS3: _____ PS4: <u>6</u> PS5: <u>0</u> PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>4:21</u> Stop time (RC GUI): <u>5:22</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>384</u> k $e-\pi n$ evts: <u>88</u>	SHMS prescale pretrig: <u>442</u> k $\Sigma e-\pi n$ evts: <u>3677</u>	COIN pretrig: <u>519</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14635</u>	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: _____ PS3: _____ PS4: <u>6</u> PS5: <u>0</u> PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>5:22</u> 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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starts w/ long beam down. NO Beam

Run Number: <u>14636</u>	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: _____ PS3: _____ PS4: <u>6</u> PS5: <u>0</u> PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>6:15</u> Stop time (RC GUI): <u>7:16</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>369</u> k $e-\pi n$ evts: <u>67</u>	SHMS prescale pretrig: <u>426</u> k $\Sigma e-\pi n$ evts: <u>3744</u>	COIN pretrig: <u>496</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14637</u>	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>13</u> PS2: _____ PS3: _____ PS4: <u>6</u> PS5: <u>0</u> PS6: _____ Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>7:16</u> Stop time (RC GUI): <u>8:15</u>	☒ Settings Verified? ☒ HV OK? ☐ 50k OK?	HMS prescale pretrig: <u>381</u> k $e-\pi n$ evts: <u>75</u>	SHMS prescale pretrig: <u>440</u> k $\Sigma e-\pi n$ evts: <u>3819</u>	COIN pretrig: <u>512</u> k ☒ Data ok ☐ Junk
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p(e,e' π)n Run Sheet

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

Date: 22/02/01
yy mm dd

Initials: ELC

Continuation of Configuration:

$$Q^2 = 3.85, W = 3.07, x = 3.1$$

$$low \in \theta_{HMS} = 8.39^\circ$$

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

Run Number: 14638	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>08:16</u> Stop time (RC GUI): <u>08:59</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>186</u> k $e-\pi n$ evts: <u>48</u>	SHMS prescale pretrig: <u>215</u> k $\Sigma e-\pi n$ evts: <u>3867</u>	COIN pretrig: <u>258</u> k ☒ Data ok ☐ Junk
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Ended by beam off, then tuning

Run Number: 14639	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>09:02</u> Stop time (RC GUI): <u>10:04</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>381</u> k $e-\pi n$ evts: <u>79</u>	SHMS prescale pretrig: <u>440</u> k $\Sigma e-\pi n$ evts: <u>3946</u>	COIN pretrig: <u>515</u> k ☒ Data ok ☐ Junk
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Run Number: 14640	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>10:05</u> Stop time (RC GUI): <u>11:05</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>411</u> k $e-\pi n$ evts: <u>83</u>	SHMS prescale pretrig: <u>476</u> k $\Sigma e-\pi n$ evts: <u>4029</u>	COIN pretrig: <u>558</u> k ☒ Data ok ☐ Junk
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Run Number: 14641	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>11:07</u> Stop time (RC GUI): <u>11:48</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>155</u> k $e-\pi n$ evts: <u>30</u>	SHMS prescale pretrig: <u>179</u> k $\Sigma e-\pi n$ evts: <u>4059</u>	COIN pretrig: <u>222</u> k ☒ Data ok ☐ Junk
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Ended after ~20 min beam off

Run Number: 14642	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>11:52</u> Stop time (RC GUI): <u>13:00</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>398</u> k $e-\pi n$ evts: <u>102</u>	SHMS prescale pretrig: <u>460</u> k $\Sigma e-\pi n$ evts: <u>4161</u>	COIN pretrig: <u>549</u> k ☒ Data ok ☐ Junk
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Run Number: 14643	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>13:01</u> Stop time (RC GUI): <u>14:09</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>441</u> k $e-\pi n$ evts: <u>81</u>	SHMS prescale pretrig: <u>571</u> k $\Sigma e-\pi n$ evts: <u>4242</u>	COIN pretrig: <u>605</u> 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: 22 / 02 / 01
yy mm dd

Initials: PKK

Continuation of Configuration:

$$Q^2 = 3.85, W = 3.07, x = 0.31$$

Low E, $\theta_{HMS} = 8.39^\circ$ (Left)

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

Run Number: 14644	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 14:10 Stop time (RC GUI): 15:11	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 406 k pretrig: $e-\pi n$ evts: 86	SHMS prescale: 470 k pretrig: $\Sigma e-\pi n$ evts: 4328	COIN pretrig: 557 k ☒ Data ok ☐ Junk
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Run Number: 14645	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 15:12 Stop time (RC GUI): 16:12	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 388 k pretrig: $e-\pi n$ evts: 99	SHMS prescale: 450 k pretrig: $\Sigma e-\pi n$ evts: 4427	COIN pretrig: 534 k ☒ Data ok ☐ Junk
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Run Number: 14646	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 16:13 Stop time (RC GUI): 17:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 425 k pretrig: $e-\pi n$ evts: 85	SHMS prescale: 493 k pretrig: $\Sigma e-\pi n$ evts: 4512	COIN pretrig: 582 k ☒ Data ok ☐ Junk
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Run Number: 14647	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 17:17 Stop time (RC GUI): 18:17	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 411 k pretrig: $e-\pi n$ evts: 77	SHMS prescale: 478 k pretrig: $\Sigma e-\pi n$ evts: 4589	COIN pretrig: 563 k ☒ Data ok ☐ Junk
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Run Number: 14648	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 18:17 Stop time (RC GUI): 19:18	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 398 k pretrig: $e-\pi n$ evts: 79	SHMS prescale: 462 k pretrig: $\Sigma e-\pi n$ evts: 4668	COIN pretrig: 547 k ☒ Data ok ☐ Junk
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Run Number: 14649	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 19:18 Stop time (RC GUI): 20:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 381 k pretrig: $e-\pi n$ evts: 63	SHMS prescale: 443 k pretrig: $\Sigma e-\pi n$ evts: 4731	COIN pretrig: 523 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: 22/02/01
yy mm dd

Initials: PMK

Continuation of Configuration:

$$Q^2 = 3.85, W = 3.07, x = 0.31$$

$$\text{Low } e \quad \Theta_{\text{SHMS}} = 8.39^\circ (\text{left})$$

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

Run Number: 14650	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 20:16 Stop time (RC GUI): 21:21	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 445 k pretrig: _____ $e-\pi n$ evts: 98	SHMS prescale: 517 k pretrig: _____ $\Sigma e-\pi n$ evts: 4829	COIN pretrig: 608 k ☒ Data ok ☐ Junk
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Run Number: 14651	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 21:22 Stop time (RC GUI): 22:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 331 k pretrig: _____ $e-\pi n$ evts: 64	SHMS prescale: 382 k pretrig: _____ $\Sigma e-\pi n$ evts: 4893	COIN pretrig: 455 k ☒ Data ok ☐ Junk
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Run Number: 14652	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 22:16 Stop time (RC GUI): 23:17	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 354 k pretrig: _____ $e-\pi n$ evts: 82	SHMS prescale: 410 k pretrig: _____ $\Sigma e-\pi n$ evts: 4975	COIN pretrig: 491 k ☒ Data ok ☐ Junk
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One SHMS calorimeter pedestal is a little off nominal

Run Number: 14653	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 23:18 Stop time (RC GUI): 00:19:37	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 392 k pretrig: _____ $e-\pi n$ evts: 74	SHMS prescale: 453 k pretrig: _____ $\Sigma e-\pi n$ evts: 5049	COIN pretrig: 537 k ☒ Data ok ☐ Junk
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SHMS calorimeter pedestal is normal, but one SHMS hodo pedestal is off of nominal.

Run Number: 14654	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 00:20:15 Stop time (RC GUI): 01:28:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 428 k pretrig: _____ $e-\pi n$ evts: 75	SHMS prescale: 495 k pretrig: _____ $\Sigma e-\pi n$ evts: 5124	COIN pretrig: 591 k ☒ Data ok ☐ Junk
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Run Number: 14655	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 01:29:13 Stop time (RC GUI): 02:53:47	☒ Settings Verified? ☒ HV OK? ☐ 50k OK?	HMS prescale: 542 k pretrig: _____ $e-\pi n$ evts: 99	SHMS prescale: 627 k pretrig: _____ $\Sigma e-\pi n$ evts: 5223	COIN pretrig: 747 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: 22 / 02 / 02
yy mm dd

Initials: *JM*

Continuation of Configuration:

$Q^2=3.85$, $W=3.07$, $x=0.31$

Low- E $\ominus$ SHMS = 8.39° (left)

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

Run Number: 14656	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 02:54:42 Stop time (RC GUI): 03:56:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 34 k $e-\pi n$ evts: 68	SHMS prescale pretrig: 352 k $\Sigma e-\pi n$ evts: 5291	COIN pretrig: 428 k ☒ Data ok ☐ Junk
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Run Number: 14657	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 03:56:55 Stop time (RC GUI): 05:03:02	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 734 k $e-\pi n$ evts: 75	SHMS prescale pretrig: 503 k $\Sigma e-\pi n$ evts: 5366	COIN pretrig: 596 k ☒ Data ok ☐ Junk
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Run Number: 14658	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 05:03:34 Stop time (RC GUI): 05:22:25	☒ 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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No BEAM

Run Number: 14659	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 05:40:26 Stop time (RC GUI): 06:39:11	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 171 k $e-\pi n$ evts: 21	SHMS prescale pretrig: 198 k $\Sigma e-\pi n$ evts: 5387	COIN pretrig: 253 k ☒ Data ok ☐ Junk
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Not a lot of beam

Run Number: 14660	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 06:40:14 Stop time (RC GUI): 07:40:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 400 k $e-\pi n$ evts: 83	SHMS prescale pretrig: 464 k $\Sigma e-\pi n$ evts: 5470	COIN pretrig: 546 k ☒ Data ok ☐ Junk
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Run Number: 14661	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 07:40:48 Stop time (RC GUI): 08:40	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 395 k $e-\pi n$ evts: 80	SHMS prescale pretrig: 459 k $\Sigma e-\pi n$ evts: 5550	COIN pretrig: 539 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: 22/02/02
yy mm dd

Initials: DA

Continuation of Configuration:

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

$Q^2 = 3.85$, $W = 3.07$, $X = 0.31$
Low E, $\Theta_{SHMS} = 8.34^\circ$ (Left)

Run Number: <u>14662</u>	☐ 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>6</u> PS5: <u>9</u> PS6: <u>9</u> Mode10: cer / fadc	Start time (RC GUI): <u>09:41</u> Stop time (RC GUI): <u>09:40</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>324</u> k $e-\pi n$ evts: <u>65</u>	SHMS prescale pretrig: <u>376</u> k $\Sigma e-\pi n$ evts: <u>5615</u>	COIN pretrig: <u>449</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14663</u>	☐ 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>6</u> PS5: <u>9</u> PS6: <u>9</u> Mode10: cer / fadc	Start time (RC GUI): <u>09:41</u> Stop time (RC GUI): <u>10:40</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>278</u> k $e-\pi n$ evts: <u>54</u>	SHMS prescale pretrig: <u>322</u> k $\Sigma e-\pi n$ evts: <u>5669</u>	COIN pretrig: <u>390</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14664</u>	☐ 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>6</u> PS5: <u>9</u> PS6: <u>9</u> Mode10: cer / fadc	Start time (RC GUI): <u>10:41</u> Stop time (RC GUI): <u>11:40</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>334</u> k $e-\pi n$ evts: <u>70</u>	SHMS prescale pretrig: <u>387</u> k $\Sigma e-\pi n$ evts: <u>5739</u>	COIN pretrig: <u>460</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14665</u>	☐ 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>6</u> PS5: <u>9</u> PS6: <u>9</u> Mode10: cer / fadc	Start time (RC GUI): <u>11:41</u> Stop time (RC GUI): <u>12:40</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>387</u> k $e-\pi n$ evts: <u>84</u>	SHMS prescale pretrig: <u>449</u> k $\Sigma e-\pi n$ evts: <u>5823</u>	COIN pretrig: <u>529</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14666</u>	☐ 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>6</u> PS5: <u>9</u> PS6: <u>9</u> Mode10: cer / fadc	Start time (RC GUI): <u>12:41</u> Stop time (RC GUI): <u>13:41</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>377</u> k $e-\pi n$ evts: <u>74</u>	SHMS prescale pretrig: <u>438</u> k $\Sigma e-\pi n$ evts: <u>5897</u>	COIN pretrig: <u>519</u> k ☒ Data ok ☐ Junk
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Run Number: <u>14667</u>	☐ 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>6</u> PS5: <u>9</u> PS6: <u>9</u> Mode10: cer / fadc	Start time (RC GUI): <u>14:41</u> Stop time (RC GUI): <u>15:41</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>850</u> k $e-\pi n$ evts: <u>7</u>	SHMS prescale pretrig: <u>150</u> k $\Sigma e-\pi n$ evts: <u>7</u>	COIN pretrig: <u>76</u> k ☒ Data ok ☐ Junk
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p(e,e'π)n Run Sheet

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

Date: 22/02/02
yy mm dd

Initials: DA

Continuation of Configuration:

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

$Q^2 = 3.85$, $W = 3.07$, $x = 0.31$
low E, $\theta_{SHMS} = 0.39^\circ$ (left)

Run Number: 14668	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 15:42 Stop time (RC GUI): 16:54	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: k e-πn evts:	SHMS prescale pretrig: k Σ e-πn evts:	COIN pretrig: k ☐ Data ok ☒ Junk
Comments: Long period without beam...							

Run Number: 14669	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 16:55 Stop time (RC GUI): 17:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 103 k e-πn evts: 11	SHMS prescale pretrig: 184 k Σ e-πn evts: 18	COIN pretrig: 86 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14670	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 17:57 Stop time (RC GUI): 18:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: k e-πn evts:	SHMS prescale pretrig: k Σ e-πn evts:	COIN pretrig: k ☐ Data ok ☐ Junk
Comments: FADC MODE 10							

Run Number: 14671	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 18:15 Stop time (RC GUI): 18:18	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: k e-πn evts:	SHMS prescale pretrig: k Σ e-πn evts:	COIN pretrig: k ☐ Data ok ☒ Junk
Comments: 3/4 test run							

Run Number: 14672	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 18:19 Stop time (RC GUI): 19:19	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 12812 k e-πn evts: 59	SHMS prescale pretrig: 454 k Σ e-πn evts: 5956	COIN pretrig: 526 k ☒ Data ok ☐ Junk
Comments: 3/4 run							

Run Number: 14673	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 19:20 Stop time (RC GUI): 20:19	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 400 k e-πn evts: 89	SHMS prescale pretrig: 467 k Σ e-πn evts: 6045	COIN pretrig: 538 k ☒ Data ok ☐ Junk
Comments:							

p(e,e' π)n Run Sheet

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

Date: 22/02/02
yy mm dd

Initials: PMK

Continuation of Configuration:

$Q^2 = 3.85$ $W = 3.07$ $x = 0.31$

low E $\Theta_{SHMS} = 8.39^\circ$ (left)

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

Run Number: 14674	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>20:19</u> Stop time (RC GUI): <u>21:15</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>372</u> k $e-\pi n$ evts: <u>81</u>	SHMS prescale pretrig: <u>436</u> k $\Sigma e-\pi n$ evts: <u>6126</u>	COIN pretrig: <u>501</u> k ☒ Data ok ☐ Junk
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Run Number: 14675	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>21:18</u> Stop time (RC GUI): <u>22:15</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>334</u> k $e-\pi n$ evts: <u>70</u>	SHMS prescale pretrig: <u>391</u> k $\Sigma e-\pi n$ evts: <u>6196</u>	COIN pretrig: <u>452</u> k ☒ Data ok ☐ Junk
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Run Number: 14676	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>22:15</u> Stop time (RC GUI): <u>23:21</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>453</u> k $e-\pi n$ evts: <u>99</u>	SHMS prescale pretrig: <u>531</u> k $\Sigma e-\pi n$ evts: <u>6295</u>	COIN pretrig: <u>609</u> k ☒ Data ok ☐ Junk
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Run Number: 14677	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>23:22</u> Stop time (RC GUI): <u>00:21:10</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>381</u> k $e-\pi n$ evts: <u>70</u>	SHMS prescale pretrig: <u>446</u> k $\Sigma e-\pi n$ evts: <u>6365</u>	COIN pretrig: <u>510</u> k ☒ Data ok ☐ Junk
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Run Number: 14678	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>00:21:44</u> Stop time (RC GUI): <u>01:19:59</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>283</u> k $e-\pi n$ evts: <u>48</u>	SHMS prescale pretrig: <u>331</u> k $\Sigma e-\pi n$ evts: <u>6413</u>	COIN pretrig: <u>387</u> k ☒ Data ok ☐ Junk
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Beam down at end

Run Number: 14679	☐ 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>6</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>01:46:40</u> Stop time (RC GUI): <u>02:46:04</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>388</u> k $e-\pi n$ evts: <u>68</u>	SHMS prescale pretrig: <u>454</u> k $\Sigma e-\pi n$ evts: <u>6481</u>	COIN pretrig: <u>523</u> k ☒ Data ok ☐ Junk
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p(e,e'π)n Run Sheet

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

Date: 22/02/03
yy mm dd

Initials: jn

Continuation of Configuration:

$Q^2=3.85, W=3.07, X=0.31$

low ϵ $\Theta_{\text{sum}} = 83.9^\circ$ (Left)

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

Run Number: 14680	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: -9 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 02:46:43 Stop time (RC GUI): 03:46:04	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 383 k $e-\pi n$ evts: 82	SHMS prescale pretrig: 448 k $\Sigma e-\pi n$ evts: 6563	COIN pretrig: 517 k ☒ Data ok ☐ Junk
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Run Number: 14681	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 03:46:43 Stop time (RC GUI): 04:45:49	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 422 k $e-\pi n$ evts: 94	SHMS prescale pretrig: 494 k $\Sigma e-\pi n$ evts: 6657	COIN pretrig: 568 k ☒ Data ok ☐ Junk
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Run Number: 14682	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 04:46:27 Stop time (RC GUI): 05:47:23	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 363 k $e-\pi n$ evts: 68	SHMS prescale pretrig: 425 k $\Sigma e-\pi n$ evts: 6725	COIN pretrig: 493 k ☒ Data ok ☐ Junk
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Run Number: 14683	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 6 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 05:48:01 Stop time (RC GUI): 06:07:28	☒ Settings Verified? ☒ HV OK? ☐ 50k OK?	HMS prescale pretrig: 133 k $e-\pi n$ evts: 27	SHMS prescale pretrig: 156 k $\Sigma e-\pi n$ evts: 6752	COIN pretrig: 180 k ☒ Data ok ☐ Junk
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SHMS HB Interlock

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/

Use a separate sheet for each configuration.

22 02 03
Date: 2/3/22
yy mm dd

Initials: *DB*

HMS

SHMS

Configuration Name:
 $Q^2=3.85$, $W=3.07$
 $low\ s$, center LDH

Purpose:

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

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

Beam position and angle
on target:

3H07A	X	Y
-0.58 mm		-0.28 mm
Nomin: -0.6		Nomin: -0.3
3H07C	X	Y
-1.0 mm		-0.42 mm
Nomin: -1		Nomin: -0.45

$E_{\text{beam}} = 7.937\text{ GeV}$ $I_{\text{beam}} = 5.5\text{ }\mu\text{A}$

HMS
 $p = 1.332$ $\theta(\text{TV}) = 35.12$
From GUI Nearest 0.005

SHMS
 $p = 6.538$ $\theta(\text{TV}) = 6.385$
From GUI Nearest 0.005

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

Q1	I-SET (from PSU) 173.447 A B-HALL 0.22380 T	I-SET (from PSU) 2206.7 A B-HALL 13.938 kg	HB
Q2	I-SET (from PSU) 137.807 A B-HALL -0.2360 T	I-SET (from PSU) 1376.28 A B-HALL -9.684 kg	Q1
Q3	I-SET (from PSU) 66.9257 A B-HALL 0.12992 T	I-SET (from PSU) 2305.83 A B-HALL 21.580 kg	Q2
D	I-READ 406.9890 A B-NMR 0.3646610 T	I-SET (from PSU) 1517.22 A B-HALL 14.579 kg	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) 2086.02 A B-NMR -15.210 kg	D

Run Number: 14684	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: 1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 11:16 Stop time (RC GUI): 12:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 233 k pretrig: $e-\pi n$ evts: 35	SHMS prescale 289 k pretrig: $\Sigma e-\pi n$ evts: 5203	COIN pretrig: 216 k ☒ Data ok ☐ Junk
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Run Number: 14685	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: 1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 12:17 Stop time (RC GUI): 12:20	☒ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale k pretrig: $e-\pi n$ evts: N/A	SHMS prescale k pretrig: $\Sigma e-\pi n$ evts: 5203	COIN pretrig: k ☒ Data ok ☐ Junk
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FADC mode 10 run

Run Number: 14686	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: 1 PS3: 8 PS4: -1 PS5: -1 PS6: 0 Mode10: cer / fadc	Start time (RC GUI): 12:21 Stop time (RC GUI): 13:24	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 3952 k pretrig: $e-\pi n$ evts: 40	SHMS prescale 288 k pretrig: $\Sigma e-\pi n$ evts: 5243	COIN pretrig: 225 k ☒ Data ok ☐ Junk
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3/4 Run

Run Number: 14687	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 13:27 Stop time (RC GUI): 14:27	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 240 k pretrig: $e-\pi n$ evts: 36	SHMS prescale 299 k pretrig: $\Sigma e-\pi n$ evts: 5279	COIN pretrig: 226 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: $\frac{22}{02/08}$
yy mm dd

Initials: DB

Continuation of Configuration:

$Q^2 = 3.85$, $W = 3.07$

low Σ , center π^- LD

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

Run Number: 14688	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 14:28 Stop time (RC GUI): 15:28	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 241 k SHMS prescale: 300 k COIN pretrig: 230 k e- π n evts: 42 Σ e- π n evts: 5321	☒ Data ok ☐ Junk
Comments:						

Run Number: 14689	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 15:28 Stop time (RC GUI): 16:31	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 241 k SHMS prescale: 301 k COIN pretrig: 232 k e- π n evts: 41 Σ e- π n evts: 5362	☒ Data ok ☐ Junk
Comments:						

Run Number: 14690	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 16:32 Stop time (RC GUI): 17:27	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 214 k SHMS prescale: 268 k COIN pretrig: 207 k e- π n evts: 25 Σ e- π n evts: 5387	☒ Data ok ☐ Junk
Comments:						

Run Number: 14691	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 17:27 Stop time (RC GUI): 18:34	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 231 k SHMS prescale: 290 k COIN pretrig: 216 k e- π n evts: 28 Σ e- π n evts: 5415	☒ Data ok ☐ Junk
Comments:						

Run Number: 14692	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 18:35 Stop time (RC GUI): 19:33	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 237 k SHMS prescale: 296 k COIN pretrig: 230 k e- π n evts: 38 Σ e- π n evts: 5453	☒ Data ok ☐ Junk
Comments:						

Run Number: 14693	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): 19:33 Stop time (RC GUI): 20:16	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale: 136 k SHMS prescale: 170 k COIN pretrig: 135 k e- π n evts: 36 Σ e- π n evts: 5489	☒ Data ok ☐ Junk
Comments: Beam off for last 8 minutes						

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

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

Date: 22/02/04
yy mm dd

Initials: PMK

Continuation of Configuration:

$$Q^2 = 3.85, W = 3.07$$

low E , center

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

Run Number: 14694	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 22:15 Stop time (RC GUI): 23:14	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 236 k $e-\pi n$ evts: 29	SHMS prescale pretrig: 296 k $\Sigma e-\pi n$ evts: 5518	COIN pretrig: 229 k ☒ Data ok ☐ Junk
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Run Number: 14695	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 23:14 Stop time (RC GUI): 23:44	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 28 k $e-\pi n$ evts: 10	SHMS prescale pretrig: 34 k $\Sigma e-\pi n$ evts: 5528	COIN pretrig: 40 k ☒ Data ok ☐ Junk
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No beam at start of run (first ~1000 evts)
This run has only 5 or 6 minutes of beam.

Run Number: 14696	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 00:02 Stop time (RC GUI): 00:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 97 k $e-\pi n$ evts: 19	SHMS prescale pretrig: 120 k $\Sigma e-\pi n$ evts: 5547	COIN pretrig: 110 k ☒ Data ok ☐ Junk
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We got ~ 20 mins of beam on this run.

Run Number: 14697	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 01:24 Stop time (RC GUI): 02:24	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 161 k $e-\pi n$ evts: 37	SHMS prescale pretrig: 202 k $\Sigma e-\pi n$ evts: 5587	COIN pretrig: 171 k ☒ Data ok ☐ Junk
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Run Number: 14698	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>7</u> Mode10: cer / fadc	Start time (RC GUI): 02:24 Stop time (RC GUI): 02:49	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 13 k $e-\pi n$ evts: 3	SHMS prescale pretrig: 16 k $\Sigma e-\pi n$ evts: 5587	COIN pretrig: 25 k ☒ Data ok ☐ Junk
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Got only 5 ~~49~~ minutes of beam

Run Number: 14699	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 16:08 Stop time (RC GUI): 16:12	☐ 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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DAQ test with no beam.

p(e,e' π)n Run Sheet

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

Date: 22/02/04
yy mm dd

Initials: *PM/K*

Continuation of Configuration:

$Q^2 = 3.85$, $W = 3.07$

low E, center

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

Run Number: 14700	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10 cer / fadc	Start time (RC GUI): 19:37 Stop time (RC GUI): 20:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 239 k $e-\pi n$ evts: 51	SHMS prescale pretrig: 307 k $\Sigma e-\pi n$ evts: 5638	COIN pretrig: 233 k ☒ Data ok ☐ Junk
Comments: One SHMS calorimeter pedestal is unusual.							

Run Number: 14701	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10 cer / fadc	Start time (RC GUI): 20:36 Stop time (RC GUI): 21:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 217 k $e-\pi n$ evts: 39	SHMS prescale pretrig: 280 k $\Sigma e-\pi n$ evts: 5677	COIN pretrig: 210 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14702	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10 cer / fadc	Start time (RC GUI): 21:36 Stop time (RC GUI): 22:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 222 k $e-\pi n$ evts: 42	SHMS prescale pretrig: 286 k $\Sigma e-\pi n$ evts: 5719	COIN pretrig: 206 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14703	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10 cer / fadc	Start time (RC GUI): 22:36 Stop time (RC GUI): 23:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 232 k $e-\pi n$ evts: 44	SHMS prescale pretrig: 299 k $\Sigma e-\pi n$ evts: 5763	COIN pretrig: 218 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14704	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10 cer / fadc	Start time (RC GUI): 23:35 Stop time (RC GUI): 00:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 229 k $e-\pi n$ evts: 25	SHMS prescale pretrig: 298 k $\Sigma e-\pi n$ evts: 5798	COIN pretrig: 217 k ☒ Data ok ☐ Junk
Comments: SHMS cal-shwrt #91 pedestal is off.							

Run Number: 14705	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10 cer / fadc	Start time (RC GUI): 00:36 Stop time (RC GUI): 01:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 239 k $e-\pi n$ evts: 31	SHMS prescale pretrig: 308 k $\Sigma e-\pi n$ evts: 5829	COIN pretrig: 229 k ☒ Data ok ☐ Junk
Comments:							

p(e,e' π)n Run Sheet

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

Date: 12/02/05
yy mm dd

Initials: EF

Continuation of Configuration:

$Q^2 = 3.85$, $W = 3.07$

low E, SHMS center

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

Run Number: 14706	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: <u>Cor</u> / fadc	Start time (RC GUI): 1:36 Stop time (RC GUI): 2:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 235 k $e-\pi n$ evts: 48	SHMS prescale pretrig: 304 k $\Sigma e-\pi n$ evts: 5877	COIN pretrig: 227 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14707	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: <u>Cor</u> / fadc	Start time (RC GUI): 2:36 Stop time (RC GUI): 3:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 221 k $e-\pi n$ evts: 45	SHMS prescale pretrig: 285 k $\Sigma e-\pi n$ evts: 5922	COIN pretrig: 215 k ☒ Data ok ☐ Junk
Comments: 1 pedestal shifted for SHMS hodo.							

Run Number: 14708	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: <u>Cor</u> / fadc	Start time (RC GUI): 3:36 Stop time (RC GUI): 4:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 225 k $e-\pi n$ evts: 48	SHMS prescale pretrig: 291 k $\Sigma e-\pi n$ evts: 5970	COIN pretrig: 215 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14709	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: <u>Cor</u> / fadc	Start time (RC GUI): 4:36 Stop time (RC GUI): 5:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 218 k $e-\pi n$ evts: 35	SHMS prescale pretrig: 282 k $\Sigma e-\pi n$ evts: 6005	COIN pretrig: 208 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14710	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: <u>Cor</u> / fadc	Start time (RC GUI): 5:35 Stop time (RC GUI): 6:35	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 232 k $e-\pi n$ evts: 50	SHMS prescale pretrig: 300 k $\Sigma e-\pi n$ evts: 6055	COIN pretrig: 220 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14711	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: <u>Cor</u> / fadc	Start time (RC GUI): 6:36 Stop time (RC GUI): 7:30	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 113 k $e-\pi n$ evts: 15	SHMS prescale pretrig: 145 k $\Sigma e-\pi n$ evts: 6070	COIN pretrig: 120 k ☒ Data ok ☐ Junk
Comments: No beam 3 minutes after beginning of run (for 9 min), 1 pedestal shifted for SHMS hodo.							

p(e,e' π)n Run Sheet

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

Date: 22/02/05
yy mm dd

Initials: EF

Continuation of Configuration:

$Q^2=3.85$, $W=3.07$, low E

SHMS center

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

Run Number: 14712	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 09:02 Stop time (RC GUI): 09:01	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 221 k pretrig: e- π n evts: 36	SHMS prescale 248 k pretrig: Σ e- π n evts: 6106	COIN pretrig: 213 k ☒ Data ok ☐ Junk
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Run Number: 14713	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 5 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 09:07 Stop time (RC GUI): 10:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 227 k pretrig: e- π n evts: 36	SHMS prescale 293 k pretrig: Σ e- π n evts: 6142	COIN pretrig: 219 k ☒ Data ok ☐ Junk
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Run Number: 14714	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 10:01 Stop time (RC GUI): 11:01	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 241 k pretrig: e- π n evts: 37	SHMS prescale 312 k pretrig: Σ e- π n evts: 6179	COIN pretrig: 232 k ☒ Data ok ☐ Junk
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Run Number: 14715	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 11:01 Stop time (RC GUI): 12:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 238 k pretrig: e- π n evts: 37	SHMS prescale 308 k pretrig: Σ e- π n evts: 6216	COIN pretrig: 228 k ☒ Data ok ☐ Junk
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Run Number: 14716	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 12:00 Stop time (RC GUI): 13:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 217 k pretrig: e- π n evts: 37	SHMS prescale 281 k pretrig: Σ e- π n evts: 6253	COIN pretrig: 212 k ☒ Data ok ☐ Junk
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Run Number: 14717	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 13:13 Stop time (RC GUI): 14:03	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 128 k pretrig: e- π n evts: 11	SHMS prescale 255 k pretrig: Σ e- π n evts: 11	COIN pretrig: 130 k ☒ Data ok ☐ Junk
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one unusual pedestal shift for SHMS hodo-ix+

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

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

Date: 22/01/05
yy mm dd

Initials: DA
BDS

Continuation of Configuration:

$Q^2 = 3.85$, $W = 3.07$, $lowE$

SHMS center

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

Run Number: 14718	☐ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☒ Home	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 14:17 Stop time (RC GUI): 14:58	☒ 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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BCM calibration run

Run Number: 14719	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ ____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 15:12 Stop time (RC GUI): 16:22	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 150 k $e-\pi n$ evts: 13	SHMS prescale pretrig: 297 k $\Sigma e-\pi n$ evts: 24	COIN pretrig: 158 k ☒ Data ok ☐ Junk
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Dummy

Run Number: 14720	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ ____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 16:38 Stop time (RC GUI): 17:47	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 266 k $e-\pi n$ evts: 42	SHMS prescale pretrig: 345 k $\Sigma e-\pi n$ evts: 6295	COIN pretrig: 257 k ☒ Data ok ☐ Junk
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Run Number: 14721	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ ____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 17:48 Stop time (RC GUI): 18:47	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 232 k $e-\pi n$ evts: 47	SHMS prescale pretrig: 301 k $\Sigma e-\pi n$ evts: 6342	COIN pretrig: 224 k ☒ Data ok ☐ Junk
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Run Number: 14722	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ ____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 18:47 Stop time (RC GUI): 19:47	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 215 k $e-\pi n$ evts: 32	SHMS prescale pretrig: 278 k $\Sigma e-\pi n$ evts: 6374	COIN pretrig: 209 k ☒ Data ok ☐ Junk
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Run Number: 14723	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ ____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer/ fadc	Start time (RC GUI): 19:48 Stop time (RC GUI): 20:50	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 181 k $e-\pi n$ evts: 27	SHMS prescale pretrig: 233 k $\Sigma e-\pi n$ evts: 6401	COIN pretrig: 183 k ☒ Data ok ☐ Junk
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~15min beam off period

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

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

Date: 22/02/05
yy mm dd

Initials: BDS

Continuation of Configuration:

$$\alpha^2 = 3.85, W = 3.07$$

low E, SHMS Center

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

Run Number: 14724	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>20:51</u> Stop time (RC GUI): <u>21:50</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>228</u> k $e-\pi n$ evts: <u>37</u>	SHMS prescale pretrig: <u>296</u> k $\Sigma e-\pi n$ evts: <u>6438</u>	COIN pretrig: <u>217</u> k ☒ Data ok ☐ Junk
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Run Number: 14725	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>21:50</u> Stop time (RC GUI): <u>22:53</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>219</u> k $e-\pi n$ evts: <u>37</u>	SHMS prescale pretrig: <u>284</u> k $\Sigma e-\pi n$ evts: <u>6475</u>	COIN pretrig: <u>211</u> k ☒ Data ok ☐ Junk
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Run Number: 14726	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>22:53</u> Stop time (RC GUI): <u>23:54</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>194</u> k $e-\pi n$ evts: <u>36</u>	SHMS prescale pretrig: <u>251</u> k $\Sigma e-\pi n$ evts: <u>6511</u>	COIN pretrig: <u>189</u> k ☒ Data ok ☐ Junk
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Run Number: 14727	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>23:54</u> Stop time (RC GUI): <u>00:56:49</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>217</u> k $e-\pi n$ evts: <u>33</u>	SHMS prescale pretrig: <u>282</u> k $\Sigma e-\pi n$ evts: <u>6544</u>	COIN pretrig: <u>206</u> k ☒ Data ok ☐ Junk
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Run Number: 14728	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>00:57:24</u> Stop time (RC GUI): <u>01:55:17</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>182</u> k $e-\pi n$ evts: <u>30</u>	SHMS prescale pretrig: <u>236</u> k $\Sigma e-\pi n$ evts: <u>6574</u>	COIN pretrig: <u>177</u> k ☒ Data ok ☐ Junk
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Run Number: 14729	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>14</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: <u>cer</u> / fadc	Start time (RC GUI): <u>01:56:08</u> Stop time (RC GUI): <u>02:56:16</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>124</u> k $e-\pi n$ evts: <u>11</u>	SHMS prescale pretrig: <u>160</u> k $\Sigma e-\pi n$ evts: <u>6585</u>	COIN pretrig: <u>132</u> k ☒ Data ok ☐ Junk
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p(e,e' π)n Run Sheet

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

Date: 22/02/06
yy mm dd

Initials: *gm*

Continuation of Configuration:

$Q^2=3.75, W=3.07, X=0.31$

low-t, SHMS @ center

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

Run Number: 14730	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: Cer / fadc	Start time (RC GUI): 02:56:47 Stop time (RC GUI): 03:55:57	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 212 k $e-\pi n$ evts: 38	SHMS prescale pretrig: 275 k $\Sigma e-\pi n$ evts: 6623	COIN pretrig: 201 k ☒ Data ok ☐ Junk
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Run Number: 14731	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: Cer / fadc	Start time (RC GUI): 03:56:23 Stop time (RC GUI): 04:55:25	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 220 k $e-\pi n$ evts: 41	SHMS prescale pretrig: 286 k $\Sigma e-\pi n$ evts: 6664	COIN pretrig: 208 k ☒ Data ok ☐ Junk
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Run Number: 14732	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: Cer / fadc	Start time (RC GUI): 04:55:59 Stop time (RC GUI): 05:55:54 55	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 225 k $e-\pi n$ evts: 32	SHMS prescale pretrig: 292 k $\Sigma e-\pi n$ evts: 6696	COIN pretrig: 212 k ☒ Data ok ☐ Junk
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Run Number: 14733	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: Cer / fadc	Start time (RC GUI): 05:56:28 Stop time (RC GUI): 06:56:03	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 189 k $e-\pi n$ evts: 34	SHMS prescale pretrig: 245 k $\Sigma e-\pi n$ evts: 6730	COIN pretrig: 183 k ☒ Data ok ☐ Junk
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Run Number: 14734	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: Cer / fadc	Start time (RC GUI): 06:56:32 Stop time (RC GUI): 07:56:09	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 223 k $e-\pi n$ evts: 37	SHMS prescale pretrig: 290 k $\Sigma e-\pi n$ evts: 6767	COIN pretrig: 209 k ☒ Data ok ☐ Junk
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Run Number: 14735	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 14 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: Cer / fadc	Start time (RC GUI): 07:56:46 Stop time (RC GUI): 07:57	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 225 k $e-\pi n$ evts: 37	SHMS prescale pretrig: 293 k $\Sigma e-\pi n$ evts: 6804	COIN pretrig: 212 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: 22/02/06
yy mm dd

Initials: DA

Use a separate sheet for each configuration.

HMS

SHMS

Configuration Name: _____

$Q^2 = 6, W = 2.40, x = 0.55$

low e , SHMS center

$E_{\text{beam}} = 7.914$ GeV

$I_{\text{beam}} = 70$ μA

Purpose:

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

Raster: ☒ On ☐ Off

Size: 2x2 mm²

Beam position and angle on target:

3H07A	X	Y
<u>-0.61</u> mm		<u>-0.29</u> mm
Nomin: <u>-0.6</u>		Nomin: <u>-0.3</u>
3H07C	X	Y
<u>-1.02</u> mm		<u>-0.45</u> mm
Nomin: <u>-1.0</u>		Nomin: <u>-0.45</u>

Q1	I-SET (from PSU) B-HALL <u>275.86</u> A <u>0.3705</u> T	I-SET (from PSU) B-HALL <u>1245.92</u> A <u>11.138</u> KG	HB
Q2	I-SET (from PSU) B-HALL <u>221.48</u> A <u>-0.41063</u> T	I-SET (from PSU) B-HALL <u>1157.12</u> A <u>-8.170</u> KG	Q1
Q3	I-SET (from PSU) B-HALL <u>107.54</u> A <u>0.21436</u> T	I-SET (from PSU) B-HALL <u>1943.56</u> A <u>18.235</u> KG	Q2
D	I-READ B-NMR <u>-654.03</u> A <u>0.5545</u> T	I-SET (from PSU) B-HALL <u>1278.68</u> A <u>12.368</u> KG	Q3
	If momentum increased: ☒ HMS cycled? ☒ SHMS cycled?	I-SET (from PSU) B-NMR <u>-1758.20</u> A <u>-12850</u> KG	D

Run Number:

14736

Comments:

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

PS1: 14
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

10:40

Stop time (RC GUI):

11:40

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

HMS prescale
pretrig: 159 k
 $e-\pi n$ evts:
213

SHMS prescale
pretrig: 128 k
 $\Sigma e-\pi n$ evts:
13145

COIN pretrig: 126 k
☒ Data ok
☐ Junk

Run Number:

14737

Comments:

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

PS1: 13
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

11:46

Stop time (RC GUI):

12:46

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

HMS prescale
pretrig: 240 k
 $e-\pi n$ evts:
296

SHMS prescale
pretrig: 381 k
 $\Sigma e-\pi n$ evts:
13441

COIN pretrig: 175 k
☒ Data ok
☐ Junk

one SHMS calorimeter pedestal is slightly shifted.

Run Number:

14738

Comments:

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

PS1: 13
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

12:45

Stop time (RC GUI):

13:47

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

HMS prescale
pretrig: 234 k
 $e-\pi n$ evts:
310

SHMS prescale
pretrig: 380 k
 $\Sigma e-\pi n$ evts:
13751

COIN pretrig: 172 k
☒ Data ok
☐ Junk

Run Number:

14739

Comments:

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

PS1: 13
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

13:47

Stop time (RC GUI):

14:47

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

HMS prescale
pretrig: 208 k
 $e-\pi n$ evts:
236

SHMS prescale
pretrig: 337 k
 $\Sigma e-\pi n$ evts:
13987

COIN pretrig: 155 k
☒ Data ok
☐ Junk

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

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

Date: 22 02 06
yy mm dd

Initials: DA

Continuation of Configuration:

$\theta^2 = 6, W = 2.40, x = 0.55$

low E, SHMS Center

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

Run Number: 14740	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm	PS1: 13 PS2: 1 PS3: 1 PS4: 1 PS5: 1 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 14:56 Stop time (RC GUI): 15:46	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 3369 pretrig: $e-\pi n$ evts: 225	SHMS prescale 322 k pretrig: $\Sigma e-\pi n$ evts: 14212	COIN pretrig: 45 k ☒ Data ok ☐ Junk
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3/4 trigger run.

Run Number: 14741	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm	PS1: 13 PS2: 1 PS3: 1 PS4: 5 PS5: 0 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 15:47 Stop time (RC GUI): 16:54	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 282 k pretrig: $e-\pi n$ evts: 358	SHMS prescale 458 k pretrig: $\Sigma e-\pi n$ evts: 14570	COIN pretrig: 205 k ☒ Data ok ☐ Junk
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Run Number: 14742	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm	PS1: 13 PS2: 1 PS3: 1 PS4: 5 PS5: 0 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 16:55 Stop time (RC GUI): 17:29	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 138 k pretrig: $e-\pi n$ evts: 170	SHMS prescale 224 k pretrig: $\Sigma e-\pi n$ evts: 14740	COIN pretrig: 101 k ☒ Data ok ☐ Junk
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SHMS Dipole tripped

mod 11

Run Number: 14743	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm	PS1: 10 PS2: 1 PS3: 1 PS4: 1 PS5: 0 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 18:20 Stop time (RC GUI): 19:21	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 243 k pretrig: $e-\pi n$ evts: 7	SHMS prescale 327 k pretrig: $\Sigma e-\pi n$ evts: 7	COIN pretrig: 38 k ☒ Data ok ☐ Junk
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Dummy

Run Number: 14744	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm	PS1: 13 PS2: 1 PS3: 1 PS4: 5 PS5: 0 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 19:29 Stop time (RC GUI): 20:30	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 143 k pretrig: $e-\pi n$ evts: 184	SHMS prescale 231 k pretrig: $\Sigma e-\pi n$ evts: 14924	COIN pretrig: 118 k ☒ Data ok ☐ Junk
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Run Number: 14745	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm	PS1: 13 PS2: 1 PS3: 1 PS4: 5 PS5: 0 PS6: 1 Mode10: cer / fadc	Start time (RC GUI): 20:30 Stop time (RC GUI): 21:09	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 96 k pretrig: $e-\pi n$ evts: 114	SHMS prescale 155 k pretrig: $\Sigma e-\pi n$ evts: 15038	COIN pretrig: 79 k ☒ Data ok ☒ Junk
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Ended due to RF trouble

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

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

Date: 22/02/06
yy mm dd

Initials: SAW

Continuation of Configuration:

$Q^2 = 6, W = 2.40, x = 0.53$
low E , SHMS Center

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

Run Number: 14746	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 21:31:40 Stop time (RC GUI): 22:31:50	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 206 k pretrig: $e-\pi n$ evts: 261	SHMS prescale 334 k pretrig: $\Sigma e-\pi n$ evts: 15299	COIN pretrig: 157 k ☒ Data ok ☐ Junk
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Run Number: 14747	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 22:32 Stop time (RC GUI): 23:32	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 214 k pretrig: $e-\pi n$ evts: 288	SHMS prescale 349 k pretrig: $\Sigma e-\pi n$ evts: 15587	COIN pretrig: 162 k ☒ Data ok ☐ Junk
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Run Number: 14748	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 23:32:52 Stop time (RC GUI): 00:32	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 261 k pretrig: $e-\pi n$ evts: 308	SHMS prescale 409 k pretrig: $\Sigma e-\pi n$ evts: 15895	COIN pretrig: 183 k ☒ Data ok ☐ Junk
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Run Number: 14749	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 00:32 Stop time (RC GUI): 01:32	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 228 k pretrig: $e-\pi n$ evts: 285	SHMS prescale 371 k pretrig: $\Sigma e-\pi n$ evts: 16180	COIN pretrig: 169 k ☒ Data ok ☐ Junk
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Run Number: 14750	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 01:32 Stop time (RC GUI): 02:32	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 249 k pretrig: $e-\pi n$ evts: 323	SHMS prescale 407 k pretrig: $\Sigma e-\pi n$ evts: 16503	COIN pretrig: 182 k ☒ Data ok ☐ Junk
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Run Number: 14751	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 02:32 Stop time (RC GUI): 03:33	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale 265 k pretrig: $e-\pi n$ evts: 340	SHMS prescale 432 k pretrig: $\Sigma e-\pi n$ evts: 16843	COIN pretrig: 192 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: 22/02/7
yy mm dd

Initials: P.S.

Continuation of Configuration:

$Q^2=6$, $W=24$, $x=0.53$
low ϵ , SHMS center

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

Run Number: 14752	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 03:33 Stop time (RC GUI): 04:36	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 262 k $e-\pi n$ evts: 311	SHMS prescale pretrig: 191 k $\Sigma e-\pi n$ evts: 17154	COIN pretrig: 36 k ☒ Data ok ☐ Junk
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Run Number: 14753	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: 13 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 04:36 Stop time (RC GUI): 05:34	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: k $e-\pi n$ evts: 280	SHMS prescale pretrig: k $\Sigma e-\pi n$ evts: 17434	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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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: 22 / 02 / 07
yy mm dd

Initials: PS

Use a separate sheet for each configuration.

HMS

SHMS

Configuration Name:

$Q^2=6$, $W=34$, $x=0.55$
low E, SHMS cluster

E_{beam} : 7.914 GeV

I_{beam} : 70 μ A

Purpose:

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

Raster: ☒ On ☐ Off
Size: 2x2 mm

Beam position and angle on target:

3H07A	X	Y
-0.57	mm	-0.29
Nomin:		Nomin:
3H07C	X	Y
-0.99	mm	-0.44
Nomin:		Nomin:

Q1	I-SET (from PSU) 278.86 A B-HALL 0,36800 T	I-SET (from PSU) 1845.75 A B-HALL 7.537 kG	HB
Q2	I-SET (from PSU) 221.48 A B-HALL -0.40855 T	I-SET (from PSU) 1157.07 A B-HALL -8.170 kG	Q1
Q3	I-SET (from PSU) 107.59 A B-HALL 0.21257 T	I-SET (from PSU) 1943.56 A B-HALL 18.236 kG	Q2
D	I-READ 654,03 A B-NMR 0.58556 T	I-SET (from PSU) 1278.60 A B-HALL 12.366 kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) 7758.20 A B-NMR -12.838 kG	D

Run Number:

14754

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

05:42

Stop time (RC GUI):

06:43

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

HMS prescale
pretrig: 216 k

$e-\pi n$ evts:
218 226

SHMS prescale
pretrig: 269 k

$\Sigma e-\pi n$ evts:
41372

COIN
pretrig: 86 k

- ☒ Data ok
☐ Junk

Comments:

11380

Run Number:

14755

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

06:43

Stop time (RC GUI):

07:45

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

HMS prescale
pretrig: 233 246 k

$e-\pi n$ evts:
236

SHMS prescale
pretrig: 290 k

$\Sigma e-\pi n$ evts:
11616

COIN
pretrig: 90 k

- ☒ Data ok
☐ Junk

Comments:

Run Number:

14756

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

07:46

Stop time (RC GUI):

08:45

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

HMS prescale
pretrig: 243 k

$e-\pi n$ evts:
241

SHMS prescale
pretrig: 303 k

$\Sigma e-\pi n$ evts:
11857

COIN
pretrig: 91 k

- ☒ Data ok
☐ Junk

Comments:

Run Number:

14757

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

08:47

Stop time (RC GUI):

09:47

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

HMS prescale
pretrig: 4426 k

$e-\pi n$ evts:
260

SHMS prescale
pretrig: 325 k

$\Sigma e-\pi n$ evts:
12117

COIN
pretrig: 96 k

- ☒ Data ok
☐ Junk

Comments:

3/4 run

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

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

Date: 22 / 02 / 07
yy mm dd

Initials: AG

Continuation of Configuration:

$Q^2 = 6$, $W = 2.4$

low Σ , SHMS left LD2 π^-

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

Run Number:

14758

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

09:51

Stop time (RC GUI):

10:53

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

HMS prescale
pretrig: 196 k

$e-\pi n$ evts:

189

SHMS prescale
pretrig: 244 k

$\Sigma e-\pi n$ evts:

12306

COIN pretrig: 83 k

- ☒ Data ok
☐ Junk

Comments:

Run Number:

14759

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

10:53

Stop time (RC GUI):

11:09

- ☒ 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:

Junk

short run - LOS off for a long time. Junk

Run Number:

14760

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

12:12

Stop time (RC GUI):

13:12

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

HMS prescale
pretrig: 253 k

$e-\pi n$ evts:

249

SHMS prescale
pretrig: 316 k

$\Sigma e-\pi n$ evts:

12555

COIN pretrig: 95 k

- ☒ Data ok
☐ Junk

Comments:

Run Number:

14761

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

13:13

Stop time (RC GUI):

13:15

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

HMS prescale
pretrig: ____ k

$e-\pi n$ evts:

2

SHMS prescale
pretrig: ____ k

$\Sigma e-\pi n$ evts:

COIN pretrig: ____ k

- ☐ Data ok
☐ Junk

Comments:

FADC MODE 10!

Run Number:

14762

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

13:16

Stop time (RC GUI):

14:16

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

HMS prescale
pretrig: 262 k

$e-\pi n$ evts:

278

SHMS prescale
pretrig: 328 k

$\Sigma e-\pi n$ evts:

12833

COIN pretrig: 97 k

- ☒ Data ok
☐ Junk

Comments:

Run Number:

14763

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

14:16

Stop time (RC GUI):

15:20

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

HMS prescale
pretrig: 259 k

$e-\pi n$ evts:

283

SHMS prescale
pretrig: 323 k

$\Sigma e-\pi n$ evts:

13116

COIN pretrig: 98 k

- ☒ Data ok
☐ Junk

Comments:

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

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

Date: 22/02/07
yy mm dd

Initials: *AS*

Continuation of Configuration:

$Q^2=6$, $W=2.4$ low Σ

SHMS 6ft, LD-

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

Run Number: 14764	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 15:21 Stop time (RC GUI): 16:21	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 256 k $e-\pi n$ evts: 254	SHMS prescale pretrig: 320 k $\Sigma e-\pi n$ evts: 13370	COIN pretrig: 95 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14765	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 9 PS2: -1 PS3: -1 PS4: 1 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 16:33 Stop time (RC GUI): 17:34	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 237 k $e-\pi n$ evts: 11	SHMS prescale pretrig: 235 k $\Sigma e-\pi n$ evts: 11	COIN pretrig: 37 k ☒ Data ok ☐ Junk
Comments: dummy run! 1 pedestal shift for SHMS hodo 2x+							

Run Number: 14766	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: -9 PS6: -9 Mode10: cer / fadc	Start time (RC GUI): 17:56 Stop time (RC GUI): 18:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 226 k $e-\pi n$ evts: 213	SHMS prescale pretrig: 282 k $\Sigma e-\pi n$ evts: 13583	COIN pretrig: 86 k ☒ Data ok ☐ Junk
Comments: 1 pedestal shift for SHMS hodo 1x+							

Run Number: 14767	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 18:56 Stop time (RC GUI): 19:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 254 k $e-\pi n$ evts: 278	SHMS prescale pretrig: 312 k $\Sigma e-\pi n$ evts: 13861	COIN pretrig: 94 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14768	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 19:56 Stop time (RC GUI): 20:57	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 253 k $e-\pi n$ evts: 268	SHMS prescale pretrig: 316 k $\Sigma e-\pi n$ evts: 14129	COIN pretrig: 95 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 14769	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 20:57 Stop time (RC GUI): 21:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 261 k $e-\pi n$ evts: 234	SHMS prescale pretrig: 322 k $\Sigma e-\pi n$ evts: 14363	COIN pretrig: 96 k ☒ Data ok ☐ Junk
Comments:							

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

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

Date: 22/02/07
yy mm dd

Initials: EF

Continuation of Configuration:

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

$Q^2=6, W=2.4, low E$
SHMS bag left, LD₂

Run Number: 14770	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 21:56 Stop time (RC GUI): 22:56	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 213 k $e-\pi n$ evts: 198	SHMS prescale pretrig: 266 k $\Sigma e-\pi n$ evts: 14561	COIN pretrig: 85 k ☒ Data ok ☐ Junk
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Run Number: 14771	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 22:56 Stop time (RC GUI): 23:55	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 236 k $e-\pi n$ evts: 219	SHMS prescale pretrig: 295 k $\Sigma e-\pi n$ evts: 14795	COIN pretrig: 89 k ☒ Data ok ☐ Junk
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Run Number: 14772	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 23:55 Stop time (RC GUI): 00:55	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 227 k $e-\pi n$ evts: 251	SHMS prescale pretrig: 283 k $\Sigma e-\pi n$ evts: 15046	COIN pretrig: 88 k ☒ Data ok ☐ Junk
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Run Number: 14773	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 00:55 Stop time (RC GUI): 01:55	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 273 k $e-\pi n$ evts: 274	SHMS prescale pretrig: 342 k $\Sigma e-\pi n$ evts: 15320	COIN pretrig: 99 k ☒ Data ok ☐ Junk
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Run Number: 14774	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 01:55 Stop time (RC GUI): 02:55	☒ 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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Missed this run ???

Run Number: 14775	☐ LH2 10cm ☒ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 12 PS2: -1 PS3: -1 PS4: 5 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 02:55 Stop time (RC GUI): 03:55	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 267 k $e-\pi n$ evts: 261	SHMS prescale pretrig: 334 k $\Sigma e-\pi n$ evts: 15581	COIN pretrig: 98 k ☒ Data ok ☐ Junk
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p(e,e' π)n Run Sheet

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

Date: 16/02/08
yy mm dd

Initials: P.S.

Continuation of Configuration:

$Q^2=5$, $W=2.7$, low E
SHMS LEFT, LD2

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

Run Number:

1775

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 9
PS6: 1
Mode10: cer / fadc

Start time (RC GUI):

03:55

Stop time (RC GUI):

04:55

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: 267 k

$e-\pi n$ evts:

254

SHMS prescale pretrig: 334 k

$\Sigma e-\pi n$ evts:

15835

COIN pretrig: 97 k

☒ Data ok

☐ Junk

Comments:

Run Number:

14776

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 0
PS6: 1
Mode10: cer / fadc

Start time (RC GUI):

04:55

Stop time (RC GUI):

05:34

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: 132 k

$e-\pi n$ evts:

136

SHMS prescale pretrig: 165 k

$\Sigma e-\pi n$ evts:

15987

COIN pretrig: 53 k

☒ Data ok

☐ Junk

Comments:

Run Number:

14777

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

PS1: 12
PS2: -1
PS3: -1
PS4: 5
PS5: 8
PS6: 1
Mode10: cer / fadc

Start time (RC GUI):

5:58

Stop time (RC GUI):

6:03

☒ Settings Verified?

☒ HV OK?

☐ 50k OK?

HMS prescale pretrig: 11 k

$e-\pi n$ evts:

8

SHMS prescale pretrig: 14 k

$\Sigma e-\pi n$ evts:

15985

COIN pretrig: 6 k

☒ Data ok

☐ Junk

Comments:

short run after beam position test / away

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

Comments:

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

Comments:

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

Comments:

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

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

Date: ____/____/____
yy mm dd

Initials: ____

Continuation of Configuration:

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

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

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

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

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

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

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

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

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

Date: ____/____/____
yy mm dd

Initials: _____

Continuation of Configuration:

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

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

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

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

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

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

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

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

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

Date: ____/____/____
yy mm dd

Initials: _____

Continuation of Configuration:

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

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

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

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

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

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

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

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

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

Date: ____/____/____
yy mm dd

Initials: _____

Continuation of Configuration:

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

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):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: k	SHMS prescale pretrig: k	COIN pretrig: k
			Stop time (RC GUI):		$e\pi n$ evts:	$\Sigma e\pi n$ evts:	☐ Data ok ☐ Junk
Comments:							

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):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: k	SHMS prescale pretrig: k	COIN pretrig: k
			Stop time (RC GUI):		$e\pi n$ evts:	$\Sigma e\pi n$ evts:	☐ Data ok ☐ Junk
Comments:							

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):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: k	SHMS prescale pretrig: k	COIN pretrig: k
			Stop time (RC GUI):		$e\pi n$ evts:	$\Sigma e\pi n$ evts:	☐ Data ok ☐ Junk
Comments:							

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):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: k	SHMS prescale pretrig: k	COIN pretrig: k
			Stop time (RC GUI):		$e\pi n$ evts:	$\Sigma e\pi n$ evts:	☐ Data ok ☐ Junk
Comments:							

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):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: k	SHMS prescale pretrig: k	COIN pretrig: k
			Stop time (RC GUI):		$e\pi n$ evts:	$\Sigma e\pi n$ evts:	☐ Data ok ☐ Junk
Comments:							

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):	☐ Settings Verified? ☐ HV OK? ☐ 50k OK?	HMS prescale pretrig: k	SHMS prescale pretrig: k	COIN pretrig: k
			Stop time (RC GUI):		$e\pi n$ evts:	$\Sigma e\pi n$ evts:	☐ Data ok ☐ Junk
Comments:							