

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

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

Date: 2021/11/12
yy mm dd

Initials: BDP

Use a separate sheet for each configuration.

Configuration Name: _____

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

$x = 0.31$ SHMS Right

$E_{\text{beam}} = 9.866$ GeV

$I_{\text{beam}} = 65$ μA

HMS -3.271

p: +/- ~~19.9~~ $\theta(\text{TV}) = 18.85$
From GUI Nearest 0.005

SHMS 6.538

p: +/- ~~19.9~~ $\theta(\text{TV}) = 7.295$
From GUI Nearest 0.005

Collimator:

HMS: Large ☒ Sieve ☐

SHMS: Collim ☒ Sieve ☐

Purpose:

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

Raster: ☒ On ☐ Off
Size: 2x2

Beam position and angle on target:

3H07A	X	Y
-0.568 mm		-0.034 mm
Nomin:		Nomin:
3H07C	X	Y
-0.907 mm		-0.397 mm
Nomin:		Nomin:

HMS

SHMS

Q1	I-SET (from PSU) 426.18	A	I-SET (from PSU) 2206.0	A	HB
	B-HALL 0.5639	T	B-HALL -14.047	kG	
Q2	I-SET (from PSU) 338.83	A	I-SET (from PSU) 1376.36	A	Q1
	B-HALL -0.6469	T	B-HALL 9.783	kG	
Q3	I-SET (from PSU) 164.70	A	I-SET (from PSU) 2305.32	A	Q2
	B-HALL 0.33149	T	B-HALL 9.782	kG	
D	I-READ 1001.76	A	I-SET (from PSU) 1516.76	A	Q3
	B-NMR 0.89541	T	B-HALL -14.629	kG	
If momentum increased:			I-SET (from PSU) 2085.56	A	D
☐ HMS cycled?			B-NMR 15.122	kG	
☒ SHMS cycled?					

Run Number:

13202

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

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

Start time (RC GUI):

06-56

Stop time (RC GUI):

07-05

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

HMS prescale
pretrig: k

$e-\pi n$ evts:

505

SHMS prescale
pretrig: k

$\Sigma e-\pi n$ evts:

COIN pretrig: k

☒ Data ok

☐ Junk

Run Number:

13203

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

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

Start time (RC GUI):

07-06

Stop time (RC GUI):

07-09

- ☒ 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

FADC MOD 10 Run

Run Number:

13204

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

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

Start time (RC GUI):

07-14

Stop time (RC GUI):

8:16

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

HMS prescale
pretrig: 402 k

$e-\pi n$ evts:

6611

SHMS prescale
pretrig: 431 k

$\Sigma e-\pi n$ evts:

7116

COIN pretrig: 1062 k

☒ Data ok

☐ Junk

Run Number:

13205

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

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

Start time (RC GUI):

8:17

Stop time (RC GUI):

9:15

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

HMS prescale
pretrig: 303 k

$e-\pi n$ evts:

4771

SHMS prescale
pretrig: 326 k

$\Sigma e-\pi n$ evts:

11,887

COIN pretrig: 806 k

☒ Data ok

☐ Junk

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

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

Date: 21 / 11 / 12
yy mm dd

Initials: RM

Continuation of Configuration:

$$Q^2 = 3.85 \quad W = 3.07$$

$$x = 0.31 \quad \theta = 7.295^\circ$$

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

Run Number: 13206	☒ 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>7</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): <u>9:16</u> Stop time (RC GUI): <u>10:02</u>	☒ Settings Verified? ☒ HV OK? ☐ 50k OK?	HMS prescale pretrig: <u>251</u> k $e-\pi n$ evts: <u>4212</u>	SHMS prescale pretrig: <u>270</u> k $\Sigma e-\pi n$ evts: <u>16,099</u>	COIN pretrig: <u>660</u> k ☒ Data ok ☐ Junk
-----------------------------	---	--	--	--	---	---	--

Stopped run because beam will be down (potentially for hours) for the Hall A pass change.

Run Number: 13207	☒ 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>7</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): <u>13:06</u> Stop time (RC GUI): <u>14:07</u>	☐ Settings Verified? ☐ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>368</u> k $e-\pi n$ evts: <u>6148</u>	SHMS prescale pretrig: <u>397</u> k $\Sigma e-\pi n$ evts: <u>22,247</u>	COIN pretrig: <u>980</u> k ☒ Data ok ☐ Junk
-----------------------------	---	--	---	---	---	---	--

Run Number: 13208	☒ 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>7</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): <u>14:00</u> Stop time (RC GUI): <u>15:10</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>308</u> k $e-\pi n$ evts: <u>5204</u>	SHMS prescale pretrig: <u>333</u> k $\Sigma e-\pi n$ evts: <u>27451</u>	COIN pretrig: <u>822</u> k ☒ Data ok ☐ Junk
-----------------------------	---	--	---	---	---	--	--

Run Number: 13209	☒ 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>7</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): <u>15:10</u> Stop time (RC GUI): <u>15:34</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>164</u> k $e-\pi n$ evts: <u>1705</u>	SHMS prescale pretrig: <u>113</u> k $\Sigma e-\pi n$ evts: <u>29156</u>	COIN pretrig: <u>280</u> k ☒ Data ok ☐ Junk
-----------------------------	---	--	---	---	---	--	--

Run Number: 13210	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: <u>10</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): <u>15:45</u> Stop time (RC GUI): <u>16:09</u>	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: <u>152</u> k $e-\pi n$ evts: <u>136</u>	SHMS prescale pretrig: <u>185</u> k $\Sigma e-\pi n$ evts: <u> </u>	COIN pretrig: <u>30</u> k ☒ Data ok ☐ Junk
-----------------------------	---	--	---	---	--	---	---

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
-------------	--	--	---	--	---	---	--

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

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

Date: 21/11/12
yy mm dd

Initials: PD

Use a separate sheet for each configuration.

Configuration Name: $Q=3.85$,

$W=3.07$, SHMS

center ($\theta=9.29^\circ$)

$E_{\text{beam}}: 9.865$ GeV

$I_{\text{beam}}: 70$ μA

Purpose:

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

Raster: ☒ On ☐ Off
Size: 2×2

Beam position and angle on target:

3H07A	X	Y
-0.5 mm	-0.01 mm	
Nomin:	Nomin:	
3H07C	X	Y
-0.9 mm	-0.28 mm	
Nomin:	Nomin:	

HMS

SHMS

Q1	I-SET (from PSU) 426.18 A B-HALL 0.5651 T	I-SET (from PSU) 2206 A B-HALL -14.047 kg	HB
Q2	I-SET (from PSU) 338.81 A B-HALL -0.64481 T	I-SET (from PSU) 1376.4 A B-HALL 9.782 kg	Q1
Q3	I-SET (from PSU) 164.70 A B-HALL 0.3298 T	I-SET (from PSU) 2305.36 A B-HALL -21.734 kg	Q2
D	I-READ 1001.76 A B-NMR 0.89542 T	I-SET (from PSU) 1516.88 A B-HALL -14.629 kg	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) 2085.72 A B-NMR 15.122 kg	D

Run Number:

13211

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

PS1: 12
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

17:28

Stop time (RC GUI):

17:30

- ☒ 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:

2 min FADC mode 10 run

Run Number:

13212

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

PS1: 12
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

17:32

Stop time (RC GUI):

18:06

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

HMS prescale
pretrig: 64 k

$e-\pi n$ evts:

2528

SHMS prescale
pretrig: 98 k

$\Sigma e-\pi n$ evts:

2528

COIN
pretrig: 158 k

- ☒ Data ok
☐ Junk

Comments:

15 min (100% efficiency) run with FADC mode 10 off.

Run Number:

13213

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

PS1: 12
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

18:07

Stop time (RC GUI):

19:06

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

HMS prescale
pretrig: 136 k

$e-\pi n$ evts:

5514

SHMS prescale
pretrig: 208 k

$\Sigma e-\pi n$ evts:

8039

COIN
pretrig: 330 k

- ☒ Data ok
☐ Junk

Comments:

Run Number:

13214

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

PS1: 12
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

19:07

Stop time (RC GUI):

20:07

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

HMS prescale
pretrig: 181 k

$e-\pi n$ evts:

7460

SHMS prescale
pretrig: 280 k

$\Sigma e-\pi n$ evts:

15499

COIN
pretrig: 435 k

- ☒ Data ok
☐ Junk

Comments:

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

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

Date: 21/11/12
yy mm dd

Initials: PD

Continuation of Configuration:

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

SHMS center ($\theta = 9.29^\circ$)

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

Run Number: 13215	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>12</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>8</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 20:08 Stop time (RC GUI): 21:09	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 143 k $e-\pi n$ evts: 5898	SHMS prescale pretrig: 220 k $\Sigma e-\pi n$ evts: 21397	COIN pretrig: 345 k ☒ Data ok ☐ Junk
-----------------------------	--	--	---	---	---	--	--

Run Number: 13216	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>12</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>8</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 21:10 Stop time (RC GUI): 22:10	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 183 k $e-\pi n$ evts: 7450	SHMS prescale pretrig: 282 k $\Sigma e-\pi n$ evts: 28847	COIN pretrig: 434 k ☒ Data ok ☐ Junk
-----------------------------	--	--	---	---	---	--	--

Run Number: 13217	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>12</u> PS2: <u>-1</u> PS3: <u>-1</u> PS4: <u>8</u> PS5: <u>0</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): 22:11 Stop time (RC GUI): 22:26	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 62 k $e-\pi n$ evts: 2563	SHMS prescale pretrig: 96 k $\Sigma e-\pi n$ evts: 31410	COIN pretrig: 145 k ☒ Data ok ☐ Junk
-----------------------------	--	--	---	---	--	---	--

Run Number: 13218	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>9</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): 22:30 Stop time (RC GUI): 22:52	☒ 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
-----------------------------	--	---	---	---	---	---	--

Run Number: 13219	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>9</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): 22:54 Stop time (RC GUI): 23:00	☒ 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
-----------------------------	--	---	---	---	---	---	--

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
-------------	---	--	---	--	---	---	--

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

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

Use a separate sheet for each configuration.

Date: 21/11/12
yy mm dd

Initials: PD

Configuration Name: _____

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

SHMS ~~center~~ left ($\theta = 11.29^\circ$)

$E_{\text{beam}} = 9.865 \text{ GeV}$

$I_{\text{beam}} = 70 \mu\text{A}$

Purpose:

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

Raster: ☒ On ☐ Off

Size: 2x2

Beam position and angle on target:

3H07A	X	Y
-0.5 mm	0 mm	
Nomin:	Nomin:	
3H07C	X	Y
-0.89 mm	-0.3 mm	
Nomin:	Nomin:	

HMS

SHMS

Q1	I-SET (from PSU) 426.18 A B-HALL 0.5651 T	I-SET (from PSU) 2206 A B-HALL -14.047 kg	HB
Q2	I-SET (from PSU) 338.81 A B-HALL -0.64481 T	I-SET (from PSU) 1376.4 A B-HALL 9.782 kg	Q1
Q3	I-SET (from PSU) 164.70 A B-HALL 0.3298 T	I-SET (from PSU) 2305.36 A B-HALL -21.734 kg	Q2
D	I-READ 1001.76 A B-NMR 0.89542 T	I-SET (from PSU) 1516.86 A B-HALL -14.629 kg	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) 2085.72 A B-NMR 15.122 kg	D

HMS

p: +3.271 $\theta(\text{TV})$: 19.885
From GUI Nearest 0.005

SHMS

p: -6.5380 $\theta(\text{TV})$: 11.29
From GUI Nearest 0.005

Collimator:

HMS: Large ☒
Sieve ☐

SHMS: Collim ☒
Sieve ☐

Run Number:

13220

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

PS1: 11
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:12

Stop time (RC GUI):

23:17

☒ 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:

2 min FADC mode10 run.

Run Number:

13221

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

PS1: 11
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

1

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:

13222

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

PS1: 11
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:28

Stop time (RC GUI):

23:54

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 69 k

$e\pi n$ evts:

1959

SHMS prescale
pretrig: 77 k

$\Sigma e\pi n$ evts:

1959

COIN
pretrig: 82 k

☒ Data ok

☐ Junk

Comments:

~130 π^0 min

Run Number:

13223

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

PS1: 11
PS2: -1
PS3: -1
PS4: 8
PS5: 0
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:55

Stop time (RC GUI):

1:00

☒ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale
pretrig: 186 k

$e\pi n$ evts:

4863

SHMS prescale
pretrig: 201 k

$\Sigma e\pi n$ evts:

6822

COIN
pretrig: 208 k

☒ Data ok

☐ Junk

Comments:

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

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

Date: 21/11/12
yy mm dd

Initials: NH

Continuation of Configuration:

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

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

Run Number: 13224	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 11 PS2: -1 PS3: -1 PS4: 8 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 1:00 Stop time (RC GUI): 2:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 142 k $e-\pi n$ evts: 4863 3873	SHMS prescale pretrig: 159 k $\Sigma e-\pi n$ evts: 10695	COIN pretrig: 170 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13225	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 11 PS2: -1 PS3: -1 PS4: 8 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 2:01 Stop time (RC GUI): 3:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 194 k $e-\pi n$ evts: 5224	SHMS prescale pretrig: 218 k $\Sigma e-\pi n$ evts: 15919	COIN pretrig: 220 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13226	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 11 PS2: -1 PS3: -1 PS4: 8 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 3:00 Stop time (RC GUI): 4:12	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 197 k $e-\pi n$ evts: 5345	SHMS prescale pretrig: 221 k $\Sigma e-\pi n$ evts: 21264	COIN pretrig: 228 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13227	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 11 PS2: -1 PS3: -1 PS4: 8 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 4:23 Stop time (RC GUI): 4:52	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 19 k $e-\pi n$ evts: 112	SHMS prescale pretrig: 14 k $\Sigma e-\pi n$ evts: 	COIN pretrig: 23 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13228	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 11 PS2: -1 PS3: -1 PS4: 8 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 5:01 Stop time (RC GUI): 6:00	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 134 k $e-\pi n$ evts: 3628	SHMS prescale pretrig: 150 k $\Sigma e-\pi n$ evts: 24892	COIN pretrig: 160 k ☒ Data ok ☐ Junk
Comments:							

Run Number: 13229	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____ cm ☐ _____	PS1: 11 PS2: -1 PS3: -1 PS4: 8 PS5: 0 PS6: -1 Mode10: cer / fadc	Start time (RC GUI): 6:01 Stop time (RC GUI): 6:43	☒ Settings Verified? ☒ HV OK? ☒ 50k OK?	HMS prescale pretrig: 129 k $e-\pi n$ evts: 3418	SHMS prescale pretrig: 145 k $\Sigma e-\pi n$ evts: 28310	COIN pretrig: 148 k ☒ Data ok ☐ Junk
Comments:							