

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

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

Date: 22/08/08
yy mm dd

Initials: GH

Use a separate sheet for each configuration.

Configuration Name: _____

Optics for SHMS
large 8 (CaFe)

E_{beam}: 10.349 GeV

I_{beam}: _____ μ A

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
	<u>-0.4</u> mm	<u>-0.30</u> mm
Nomin:	<u>-0.09</u>	Nomin: <u>-0.3</u>
3H07C	X	Y
	<u>-0.71</u> mm	<u>-0.48</u> mm
Nomin:	<u>-0.68</u>	Nomin: <u>-0.49</u>

HMS

SHMS

Q1	I-SET (from PSU) <u>728.3840</u> A B-HALL <u>0.96610</u> T	I-SET (from PSU) <u>2940.6500</u> A B-HALL <u>18.554</u> kG	HB
Q2	I-SET (from PSU) <u>583.0760</u> A B-HALL <u>-1.13932</u> T	I-SET (from PSU) <u>1805.5200</u> A B-HALL <u>-12.678</u> kG	Q1
Q3	I-SET (from PSU) <u>281.5540</u> A B-HALL <u>0.56790</u> T	I-SET (from PSU) <u>3015.4300</u> A B-HALL <u>28.192</u> kG	Q2
D	I-READ SET <u>1781.9400</u> A B-NMR <u>1.5370000</u> T	I-SET (from PSU) <u>1984.1200</u> A B-HALL <u>18.997</u> kG	Q3
	If momentum increased: ☒ HMS cycled? ☒ SHMS cycled?	I-SET (from PSU) <u>2727.9700</u> A B-NMR <u>-19.798</u> kG	D

Run Number:

16023

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

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

Start time (RC GUI):

16:58

Stop time (RC GUI):

17:20

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

☒ Data ok

☐ Junk

Comments:

1.298M
events

Run End had Disconnected System.

Run Number:

16024

- ☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☒ C 0.5% r.l.
☒ Optics 8 cm
☐ _____

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

Start time (RC GUI):

17:27

Stop time (RC GUI):

17:42

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

☒ Data ok

☐ Junk

Comments:

~600k
events

Run Number:

16025

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

PS1: -1
PS2: 3
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

17:43

Stop time (RC GUI):

17:55

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

☒ Data ok

☐ Junk

Comments:

1.07M
events

End Run Error -> Rodent coda

Run Number:

16026

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

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

Start time (RC GUI):

18:12

Stop time (RC GUI):

18:26

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

☐ Data ok

☐ Junk

Comments:

1.7M events

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

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

Date: 22/08/08
yy mm dd

Initials: H.M.

Use a separate sheet for each configuration.

Configuration Name: _____

Same
Optics case

E_{beam}: _____ GeV

I_{beam}: _____ μ A

Purpose:

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

Raster: ☐ On ☐ Off
Size: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	HB
Q2	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q1
Q3	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q2
D	I-READ B-NMR A T	I-SET (from PSU) B-HALL A kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) B-NMR A kG	D

Run Number:

16027

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

PS1: -1
PS2: -2
PS3: -3
PS4: 5
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

18:34

Stop time (RC GUI):

18:38

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

Ended to change prescale factor

Run Number:

16028

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

PS1: -1
PS2: -2
PS3: -3
PS4: 5
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

18:39

Stop time (RC GUI):

18:51

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

2.4M evts

Run Number:

16029

- ☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☒ Optics 48 cm
☐ _____

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

Start time (RC GUI):

19:00

Stop time (RC GUI):

19:15

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

Sieve in both spectrometers

Run Number:

16031

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

PS1: -1
PS2: 4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

19:26

Stop time (RC GUI):

19:35

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π 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: 22/08/08
yy mm dd

Initials: H.M.

Use a separate sheet for each configuration.

Configuration Name: _____

Scame
CaFe Optics -

E_{beam}: _____ GeV

I_{beam}: _____ μ A

HMS

p: +/- _____ θ (TV): _____
From GUI Nearest 0.005

SHMS

p: +/- _____ θ (TV): 8.235
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: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	HB
Q2	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q1
Q3	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q2
D	I-READ B-NMR A T	I-SET (from PSU) B-HALL A kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) B-NMR A kG	D

Run Number:

16032

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

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

End run to change prescale factor

Run Number:

16033

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

PS1: -1
PS2: 3
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

19:42

Stop time (RC GUI):

19:53

- ☐ 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:

16034

- ☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☒ C 0.5% r.l.
☒ Optics 8 cm
☐ _____

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

Start time (RC GUI):

19:59

Stop time (RC GUI):

20:12

- ☐ 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

Comments:

Run Number:

16035

- ☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☒ C 0.5% r.l.
☒ Optics 8 cm
☐ _____

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

Start time (RC GUI):

20:13

Stop time (RC GUI):

20:24

- ☐ 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: 22/08/08
yy mm dd

Initials: H.M.

Continuation of Configuration:

Same

Cafe Optics -

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

Run Number: <u>16036</u>	☒ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>-1</u> PS2: <u>-7</u> PS3: <u>-1</u> PS4: <u>5</u> PS5: <u>-1</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): <u>20:32</u> Stop time (RC GUI): <u>20:47</u>	☐ 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: <u>16037</u>	☐ LH2 10cm ☐ LD2 10cm ☐ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>-6</u> PS2: <u>5</u> PS3: <u>-1</u> PS4: <u>-1</u> PS5: <u>-1</u> PS6: <u>-1</u> Mode10: cer / fadc	Start time (RC GUI): <u>20:52</u> Stop time (RC GUI): <u>21:05</u>	☐ 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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Elastic, SHMS Hodoscope HV Test

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: 22/08/08
yy mm dd

Initials: GH

Use a separate sheet for each configuration.

Configuration Name: _____

Heep Elastics
Delta Scan #1.

E_{beam}: 10.549 GeV

I_{beam}: _____ μ A

Purpose:

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

Raster: ☒ On ☐ Off
Size: 2,2

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) <u>892.0310</u> A B-HALL <u>1.18240</u> T	I-SET (from PSU) <u>2748.5200</u> A B-HALL <u>17.351</u> kg	HB
Q2	I-SET (from PSU) <u>736.690</u> A B-HALL <u>-1.41874</u> T	I-SET (from PSU) <u>1696.7700</u> A B-HALL <u>-11.937</u> kg	Q1
Q3	I-SET (from PSU) <u>342.3360</u> A B-HALL <u>0.69074</u> T	I-SET (from PSU) <u>2833.8000</u> A B-HALL <u>26.562</u> kg	Q2
D	I-SET (from PSU) <u>2411.4500</u> A B-NMR <u>1.8908300</u> T	I-SET (from PSU) <u>1864.6100</u> A B-HALL <u>17.939</u> kg	Q3
	If momentum increased: ☒ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) <u>2563.6500</u> A B-NMR <u>18.653</u> kg	D

Run Number:

16039

☒ LH2 10cm

☐ LD2 10cm

☐ Dummy 10cm

☐ C 0.5% r.l.

☐ Optics _____ cm

☐ _____

PS1: -1

PS2: -6

PS3: -1

PS4: 3

PS5: -1

PS6: -1

Mode10: cer / fadc

Start time (RC GUI):

21:43

Stop time (RC GUI):

21:47

☒ Settings Verified?

☒ HV OK?

☐ 50k OK?

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☒ Data ok

☐ Junk

Comments:

Heep Delta Scan, I_{beam} = 75 μ A
718 HMS, 1255 SHMS e⁻

Run Number:

16040

☒ LH2 10cm

☐ LD2 10cm

☐ Dummy 10cm

☐ C 0.5% r.l.

☐ Optics _____ cm

☐ _____

PS1: -1

PS2: 4

PS3: 1

PS4: 0

PS5: -1

PS6: -1

Mode10: cer / fadc

Start time (RC GUI):

21:49

Stop time (RC GUI):

22:05

☐ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☒ Data ok

☐ Junk

Comments:

2.038M events

I_{beam} = 20 μ A

Run Number:

16041

☐ LH2 10cm

☐ LD2 10cm

☒ Dummy 10cm

☐ C 0.5% r.l.

☐ Optics _____ cm

☐ _____

PS1: -1

PS2: 4

PS3: 1

PS4: 0

PS5: -1

PS6: -1

Mode10: cer / fadc

Start time (RC GUI):

22:14

Stop time (RC GUI):

22:22

☐ Settings Verified?

☒ HV OK?

☒ 50k OK?

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☒ Data ok

☐ Junk

Comments:

40 μ A

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- π n evts:

SHMS prescale pretrig: k

Σ e- π 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: 22/08/08
yy mm dd

Initials: CH

Use a separate sheet for each configuration.

Configuration Name: _____

Setting #2.
Same

E_{beam}: _____ GeV

I_{beam}: _____ μ A

HMS

p: +/- _____

θ (TV): 17.730

From GUI

Nearest 0.005

SHMS

p: +/- _____

θ (TV): 13.140

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: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	HB
Q2	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q1
Q3	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q2
D	I-READ B-NMR A T	I-SET (from PSU) B-HALL A kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) B-NMR A kG	D

Run Number:

16042

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

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

Start time (RC GUI):

22:33

Stop time (RC GUI):

22:41

☒ 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:

258k evts

40k

Run Number:

16043

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

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

Start time (RC GUI):

22:49

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

Comments:

354k events

Ended run, HMS Q₁ Interlock problem

Run Number:

16044

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

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

Start time (RC GUI):

23:12

Stop time (RC GUI):

23:38

☐ 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:

2559.7k events

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: ____

Use a separate sheet for each configuration.

Configuration Name: _____

Setting #3

E_{beam}: _____ GeV

I_{beam}: _____ μ A

HMS

p: +/- _____ θ (TV): 19.870
From GUI Nearest 0.005

SHMS

p: +/- _____ θ (TV): 19.010
From GUI Nearest 0.005

Collimator:

HMS: Large ☐
Sieve ☐

SHMS: Collim ☐
Sieve ☐

Purpose:

☐ Production

☐ Test (e.g. DAQ, Detector)

☐ Optics (SHMS / HMS)

☐ Other: keep singles

Raster: ☐ On ☐ Off
Size: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	HB
Q2	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q1
Q3	I-SET (from PSU) B-HALL A T	I-SET (from PSU) B-HALL A kG	Q2
D	I-READ B-NMR A T	I-SET (from PSU) B-HALL A kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) B-NMR A kG	D

Run Number:

16045

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

PS1: -1
PS2: 2
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:50

Stop time (RC GUI):

23:51

☐ 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:

Ended run to change prescale factor

Run Number:

16046

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

PS1: -1
PS2: 4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:53

Stop time (RC GUI):

00:11

☐ 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:

Ended run, accelerator issue

Run Number:

16047

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

PS1: -1
PS2: 4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

23:52

Stop time (RC GUI):

00:57

☒ 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:

2.6m events

Run Number:

16048

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

PS1: -1
PS2: 4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

01:00

Stop time (RC GUI):

01:12

☒ 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

Comments:

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

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

Use a separate sheet for each configuration.

Date: 22 / 8 / 9
yy mm dd

Initials: PS.

Configuration Name: _____

SETTING #4

Heep

E_{beam}: _____ GeV I_{beam}: _____ μ A

HMS

p: +/- _____ θ (TV): 19.870
From GUI Nearest 0.005

SHMS

p: +/- _____ θ (TV): 14.895
From GUI Nearest 0.005

Collimator:

HMS: Large ☐
Sieve ☐

SHMS: Collim ☐
Sieve ☐

Purpose:

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

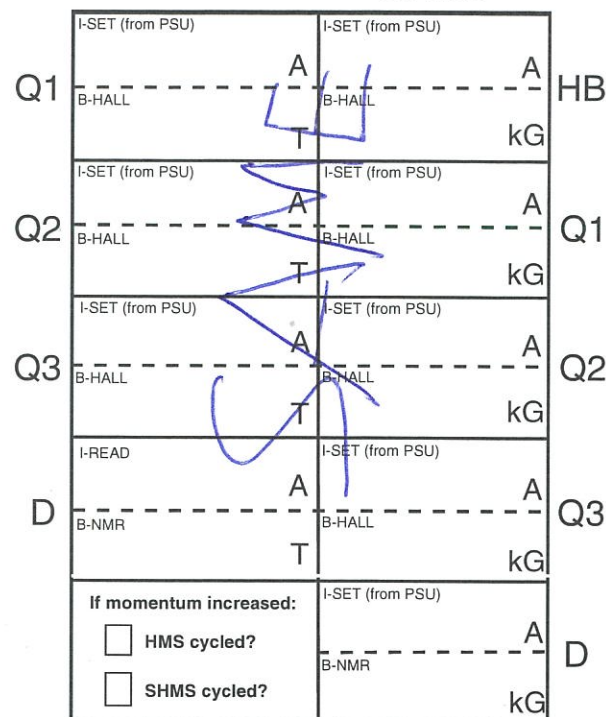
Raster: ☐ On ☐ Off
Size: _____

Beam position and angle on target:

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

HMS

SHMS



Run Number:

16049

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

PS1: -1
PS2: -4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

01:16

Stop time (RC GUI):

01:41

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Run Number:

16050

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

PS1: -1
PS2: -4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

01:53

Stop time (RC GUI):

02:08

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

Accelerator issues.

Run Number:

16051

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

PS1: -1
PS2: -4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

03:22

Stop time (RC GUI):

03:50

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

Accelerator issues.

Run Number:

16052

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

PS1: -1
PS2: -4
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

04:08

Stop time (RC GUI):

04:44

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

HMS prescale pretrig: k

e- π n evts:

SHMS prescale pretrig: k

Σ e- π n evts:

COIN pretrig: k

☐ Data ok

☐ Junk

Comments:

75 μ A $\rightarrow$ 70 μ A during run

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

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

Use a separate sheet for each configuration.

Date: 22 / 8 / 9
yy mm dd

Initials: P.S.

Configuration Name: _____

SETTING #5

Heep-

E_{beam}: _____ GeV

I_{beam}: _____ μ A

HMS

p: +0 6.792
From GUI

θ (TV): 19.840
Nearest 0.005

SHMS

p: +0 8.035
From GUI

θ (TV): 15.79
Nearest 0.005

Collimator:

HMS: Large ☐
Sieve ☐

SHMS: Collim ☐
Sieve ☐

Purpose:

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

Raster: ☐ On ☐ Off
Size: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL	A T	I-SET (from PSU) B-HALL	A kG	HB
Q2	I-SET (from PSU) B-HALL	A T	I-SET (from PSU) B-HALL	A kG	Q1
Q3	I-SET (from PSU) B-HALL	A T	I-SET (from PSU) B-HALL	A kG	Q2
D	I-READ B-NMR	A T	I-SET (from PSU) B-HALL	A kG	Q3
	If momentum increased:		I-SET (from PSU) B-NMR	A kG	D
	☐ HMS cycled?				
	☐ SHMS cycled?				

Run Number:

160053

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

PS1: -1
PS2: 4
PS3: -6
PS4: -1
PS5: -1
PS6: -1
Mode10: ce7 / fadc

Start time (RC GUI):

04:54

Stop time (RC GUI):

04:57

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

- ☐ Data ok
☒ Junk

Comments:

WRONG PRESCALES

Run Number:

160054

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

PS1: -1
PS2: 2
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: ce7 / fadc

Start time (RC GUI):

04:58

Stop time (RC GUI):

05:06

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

- ☐ Data ok
☐ Junk

Comments:

Run Number:

160055

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

PS1: -1
PS2: 3
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: ce7 / fadc

Start time (RC GUI):

Stop time (RC GUI):

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

- ☐ Data ok
☒ Junk

Comments:

Adjusted prescales to account on file size

Run Number:

16056

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

PS1: -1
PS2: 3
PS3: -1
PS4: 0
PS5: -1
PS6: -1
Mode10: ce7 / fadc

Start time (RC GUI):

05:13

Stop time (RC GUI):

05:00

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

HMS prescale
pretrig: k

e- π n evts:

SHMS prescale
pretrig: k

Σ e- π n evts:

COIN
pretrig: k

- ☐ Data ok
☐ Junk

Comments:

3.5 M. evts

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

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

Date: 22 / 8 / 9
yy mm dd

Initials: P.S.

Continuation of Configuration:

SETTING #5

Keep

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

Run Number: <u>18057</u>	☐ LH2 10cm ☐ LD2 10cm ☒ Dummy 10cm ☐ C 0.5% r.l. ☐ Optics ____cm ☐ _____	PS1: <u>-1</u> PS2: <u>0</u> PS3: <u>-1</u> PS4: <u>0</u> PS5: <u>-1</u> PS6: <u>5</u> Mode10: <u>cer / fadc</u>	Start time (RC GUI): <u>06:07</u> Stop time (RC GUI): <u>06:19</u>	☒ 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: <u>cer / fadc</u>	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: <u>cer / fadc</u>	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: <u>cer / fadc</u>	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: <u>cer / fadc</u>	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: <u>cer / fadc</u>	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: 22 / 8 / yy mm dd

Initials: _____

Use a separate sheet for each configuration.

Configuration Name: _____

SETTING #6

Heep

E_{beam}: _____ GeV I_{beam}: 70 μ A

HMS

p: +0.792 θ (TV): 19.870
From GUI Nearest 0.005

SHMS

p: +0.7913 θ (TV): 13.580
From GUI Nearest 0.005

Collimator:

HMS: Large ☒ Sieve ☐

SHMS: Collim ☒ Sieve ☐

Purpose:

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

Raster: ☐ On ☐ Off
Size: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL	A	I-SET (from PSU) B-HALL	A	HB
		T		kG	
Q2	I-SET (from PSU) B-HALL	A	I-SET (from PSU) B-HALL	A	Q1
		T		kG	
Q3	I-SET (from PSU) B-HALL	A	I-SET (from PSU) B-HALL	A	Q2
		T		kG	
D	I-READ B-NMR	A	I-SET (from PSU) B-HALL	A	Q3
		T		kG	
	If momentum increased:		I-SET (from PSU) B-NMR	A	D
	☐ HMS cycled?				
	☐ SHMS cycled?				

Run Number:

16058

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

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

Start time (RC GUI):

6:29

Stop time (RC GUI):

6:46

☒ 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:

No coincidence run. Total Elastics: 2593

Run Number:

16059

- ☒ 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):

06:49

Stop time (RC GUI):

06:50

☒ 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:

CODA CRASHED

Run Number:

16060

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

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

Start time (RC GUI):

06:53

Stop time (RC GUI):

07:49

☒ 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:

Elastics: 9190

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: 22/08/09
yy mm dd

Initials: VHT

Use a separate sheet for each configuration.

Configuration Name: _____

Setting #7

Heep

E_{beam}: _____ GeV I_{beam}: 75 μ A

HMS

p: +12 6.792 θ (TV): 16.09
From GUI Nearest 0.005

SHMS

p: +12 8.035 θ (TV): 12.64
From GUI Nearest 0.005

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

Purpose:

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

Raster: ☐ On ☐ Off
Size: _____

Beam position and angle on target:

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

HMS

SHMS

Q1	I-SET (from PSU) B-HALL	A T	I-SET (from PSU) B-HALL	A T	HB
Q2	I-SET (from PSU) B-HALL	A T	I-SET (from PSU) B-HALL	A T	Q1
Q3	I-SET (from PSU) B-HALL	A T	I-SET (from PSU) B-HALL	A T	Q2
D	I-READ B-NMR	A T	I-SET (from PSU) B-HALL	A T	Q3
	If momentum increased:		I-SET (from PSU) B-NMR	A T	D

Handwritten values in table:

- Q1 HB: 17,361 kg
- Q1 Q1: -11, 937 kg
- Q2 Q2: 26,562 kg
- Q3 Q3: 17,939 kg
- D D: -18,646 kg

Run Number:

16061

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

PS1: -1
PS2: 6
PS3: -1
PS4: 2
PS5: -1
PS6: -1
Mode10: cer / fadc

Start time (RC GUI):

08:02:30

Stop time (RC GUI):

08:12:39

- ☒ 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:

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: