

p(e,e'K)Λ Run Sheet

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

Date: 19/3/27
yy mm dd

Initials: RTB

Use a separate sheet for each configuration.

Configuration Name: _____
HMS/SHMS Sieve rms
w/ Carbon 1.5%

E_{beam}: 8.186 GeV **I_{beam}:** 20 μA

HMS
p: +/- 5.7450 θ(TV): 12.97 (13.00)
From GUI Nearest 0.005

SHMS
p: +/- 5.7450 θ(TV): 9.51 (9.50)
From GUI Nearest 0.005

Collimator: **HMS:** Large Sieve **SHMS:** Large Sieve

Purpose:
 Production
 Test
 Optics
 Other: _____

Raster: On Off
Size: 2 x 2 mm

Beam position and angle on target:

3H07A	X	Y
-0.3 mm		-0.2 mm
Nomin:		Nomin:
3H07C	X	Y
-1.0 mm		+0.5 mm
Nomin:		Nomin:

HMS

SHMS

Q1	I-SET (from PSU)	I-SET (from PSU) <u>1927.62</u>	HB
	B-HALL	<u>749.293 A</u> <u>0.729 KG</u>	
Q2	I-SET (from PSU)	I-SET (from PSU)	Q1
	B-HALL	<u>601.2767 A</u> <u>-1.172 KG</u>	
Q3	I-SET (from PSU)	I-SET (from PSU)	Q2
	B-HALL	<u>289.1740 A</u> <u>0.581 KG</u>	
D	I-READ	I-SET (from PSU)	Q3
	B-NMR	<u>1852.300 A</u> <u>1.58298 KG</u>	
D	If momentum increased:		D
	<input type="checkbox"/> HMS cycled?	<input type="checkbox"/> SHMS cycled?	

Run Number: <u>7947</u>	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input checked="" type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: <u>-1</u>	Start time (from RC): <u>20:54</u>	<input checked="" type="checkbox"/> Settings Verified? <input checked="" type="checkbox"/> HV OK? <input checked="" type="checkbox"/> 50k OK?	HMS prescale <u>683</u> k	SHMS prescale k	COIN pretrig: <u>468</u> k
		PS2: <u>0</u>			Stop time (from RC): <u>21:02</u>	e-KΛ evts:	Σ e-KΛ evts:
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: _____	Start time (from RC):	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k	SHMS prescale pretrig: _____ k	COIN pretrig: _____ k
		PS2: _____			Stop time (from RC):	e-KΛ evts:	Σ e-KΛ evts:
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: _____	Start time (from RC):	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k	SHMS prescale pretrig: _____ k	COIN pretrig: _____ k
		PS2: _____			Stop time (from RC):	e-KΛ evts:	Σ e-KΛ evts:
Comments:							

Run Number:	<input type="checkbox"/> LH2 10cm <input type="checkbox"/> LD2 10cm <input type="checkbox"/> MT thick 10cm <input type="checkbox"/> C 1.5% r.l. <input type="checkbox"/> C 0.5% r.l.	PS1: _____	Start time (from RC):	<input type="checkbox"/> Settings Verified? <input type="checkbox"/> HV OK? <input type="checkbox"/> 50k OK?	HMS prescale pretrig: _____ k	SHMS prescale pretrig: _____ k	COIN pretrig: _____ k
		PS2: _____			Stop time (from RC):	e-KΛ evts:	Σ e-KΛ evts:
Comments:							