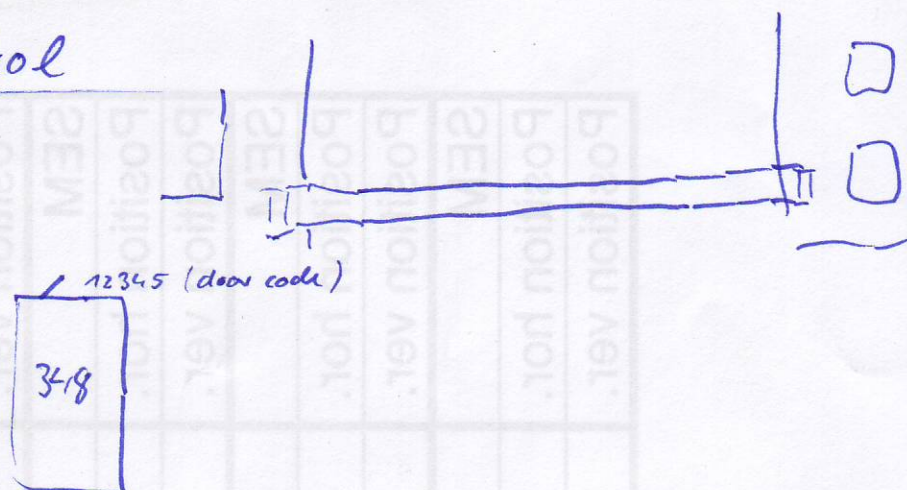


Beam Control

Room: 348



Login: eah4a

PW: Cesar HNA348

H4 Access Command:

OPEN \Rightarrow to get key Access

BEAM ON \Rightarrow to get Beam

PC Name: CWO-HNA348-H4A

SEM.sh No. SEM
 ↓
 104

SEM	1	2	3	4
Position hor.	+2.896V	+0.870V	-1.204V	-3.289V
Position ver.	-2.657V	-2.657V	-2.657V	-2.657V
SEM	5	6	7	8
Position hor.	+2.896V	+0.870V	-1.204V	-3.289V
Position ver.	-0.600V	-0.600V	-0.600V	-0.600V
SEM	9	10	11	12
Position hor.	+2.896V	+0.870V	-1.204V	-3.289V
Position ver.	+1.480V	+1.480V	+1.480V	+1.480V
SEM	13	14	15	16
Position hor.	+2.896V	+0.870V	-1.204V	-3.289V
Position ver.	+3.490V	+3.490V	+3.490V	+3.490V

①

beam energy 300 GeV

4	3	2	1
8	7	6	5
12	11	10	9
16	15	14	13

Pos.	SEM number	Box position & Channel	no beam (offset)	with beam	PIC counts
1	302	1			
2	25	2			
3	92	3			
4	84	4			
5	10	5			
6	22	6			
7	127	7			
8	131	8			
9	144	9			
10	149	10			
11	166	11			
12	186	12			
13	190	13			
14	204	14			
15	214	15			
16	212	16			
17	210	1	$7.7 \cdot 10^{-15}$		
18	266	2	7.8 "		
19	327	3	8.1		
20	309	4	7.6		
21	323	5	10.7		
22	308	6	9.2		
23	385	7	9.2		
24	252	8	17.5		
25	322	9	11.0		
26	241	10	14.0		
27	295	11	12.1		
28	228	12	7.4		
29	239	13	12.8		
30	260	14	15.8		
31	254	15	24.0		
32	279	16	17.4	no beam 469	0.469

1000.
1:40

2

Pos.	SEM number	Box position & Channel	no beam (offset)	with beam	PIC counts
33	347	1	7.8		
34	85	2	6.5		
35	329	3	7.7		
36	103	4	8.7		
37	324	5	10.2		
38	315	6	9.0		
39	173	7	12.1		
40	119	8	9.5		
41	353	9	10.5		
42	318	10	12.2		
43	258	11	11.4		
44	349	12	9.7		
45	235	13	13.4		
46	114	14	18.1		
47	325	15	13.1		
48	311	16	13.9		
49	357	1	8.3		
50	282	2	8.9		
51	345	3	7.5		
52	303	4	6.3		
53	304	5	11.4		
54	341	6	11.0		
55	351	7	10.0		
56	330	8	8.8		
57	331	9	11.3		
58	302	10	14.8		
59	332	11	10.6		
60	317	12	10.5 7.9		
61	298	13	12.5		
62	320	14	13.1		
63	305	15	17.0		
64	348	16	13.4		

3

Pos.	SEM number	Box position & Channel	^{off} no beam (offset)	with beam	PIC counts
65	230	1	7.4		
66	294	2	7.5		
67	291	3	7.8		
68	339	4	6.2		
69	336	5	10.2		
70	321	6	9.1		
71	286	7	9.0		
72	273	8	9.2		
73	312	9	11.6		
74	342	10	11.5		
75	334	11	11.6		
76	350	12	12.6		
77	268	13	12.4		
78	359	14	13.6		
79	276	15	17.8		
80	344	16	11.1		
81	354	1	7.6 b		
82	356	2	6.9		
83	352	3	10.6		
84	314	4	7.6		
85	337	5	9.5		
86	346	6	9.1		
87	288	7	3.6 9.9(b)		
88	358	8	9.4		
89	306	9	12.0		
90	310	10	11.6		
91	301	11	11.9		
92	343	12	9.6		
93	281	13	11.1		
94	340	14	16.1		
95	326	15	16.2		
96	ioni 1	16	33169		

(1000)

④

Pos.	SEM number	Box position & Channel	no beam (offset)	with beam	PIC counts
97	277	1	11.0		
98	264	2	7.6		
99	248	3	7.6		
100	271	4	7.5		
101	246	5	11.1		
102	274	6	6.9		
103	299	7	10.5		
104	297	8	10.1		
105	255	9	11.0	3.1 no beam channel (C10 installed 049)	
106	257	10	10.8		
107	269	11	10.4		
108	263	12	9.1		
109	278	13	12.4		
110	259	14	15.1		
111	247	15	16.5		
112	280	16	12.6		
113	293	1	20.1 10.1		
114	243	2	10.3		
115	283	3	6.1		
116	240	4	6.8		
117	233	5	12.8 12.8		
118	265	6	7.7		
119	227	7	17.5		
120	245	8	5.03		
121	300	9	7.6		
122	287	10	10.7		
123	267	11	11.2		
124	262	12	7.9		
125	234	13	9.2		
126	237	14	15.5		
127	236	15	13.0		
128	313	16	11.0		

5

Pos.	SEM number	Box position & Channel	$\frac{Q}{pic} \left[\frac{FC}{counts} \right]$ no beam (offset)	with beam	PIC counts
129	249	1	10.1		
130	289	2	8.0		
131	296	3	11.9		
132	355	4	7.1		
133	256	5	8.3		
134	275	6	9.6		
135	272	7	8.0		
136	232	8	9.3		
137	253	9	13.2		
138	242	10	8.2		
139	251	11	13.8		
140	284	12	9.5		
141	250	13	8.0		
142	261	14	15.2		
143	238	15	13.9		
144	244	16	11.6		
145	1024	1	16.2 8.1	BD changed	
146	55	2	7.08		
147	53	3	10.8		
148	319	4	7.4		
149	3534	5	9.0		
150	328	6	9.7		
151	58	7	12.5		
152	68	8	8.1		
153	57	9	12.1		
154	125	10	12.0		
155	65	11	10.6		
156	13	12	11.7		
157	03	13	16.2		
158	113	14	10.4 4.5	13	
159	89	15	9.0 10.5	16.9	13
160	167	16	5.2 10.4		13

6

Pos.	SEM number	Box position & Channel	no beam (offset) ^{10⁻¹⁵}	with beam	PIC counts
161	23	1	17.5 8.9		
162	27	2	6.8		
163	11	3	9.4		
164	78	4	13.3		
165	24	5	9.3		
166	47	6	9.4		
167	60	7	9.4		
168	02	8	10.5		
169	30	9	13.0		
170	62	10	12.0		
171	41	11	16.0		
172	31	12	10.5		
173	96	13	17.5		
174	28	14	16.5		
175	66	15	17.0		
176	18	16	10.6		
177	44	1	10.7		
178	108	2	9.7		
179	20	3	12.5		
180	182	4	8.05		
181	26	5	7.5		
182	136	6	9.3		
183	45	7	12.9		
184	110	8	12.1		
185	32	9	10.5		
186	150	10	11.8		
187	007	11	12.7		
188	152	12	10.2 10.0		
189	50	13	15.1		
190	48	14	17.2		
191	77	15	16.3		
192	06	16	12.2		

7

Pos.	SEM number	Box position & Channel	no beam (offset)	with beam	PIC counts
193	38	1	8.4		
194	86	2	8.8		
195	51	3	10.0		
196	193	4	6.5		
197	56	5	2.3 6.9		
198	216	6	4.0 9.7		
199	195	7	5.3 11.7		
200	200	8	3.6 10.8		
201	76	9	10.6		
202	100	10	10.5		
203	116	11	12.7		
204	207	12	12.9		
205	188	13	14.2		
206	107	14	16.4		
207	158	15	15.3		
208	188	16	10.5		
209	105	1	7.7		
210	153	2	6.6		
211	203	3	9.6		
212	82	4	6.5		
213	147	5	10.8		
214	126	6	8.3		
215	141	7	9.7		
216	208	8	9.1		
217	142	9	11.5		
218	157	10	13.1		
219	172	11	14.7		
220	112	12	10.0		
221	160	13	17.3		
222	177	14	20.0		
223	132	15	18.7		
224	144	16	14.7		

8

Pos.	SEM number	Box position & Channel	no beam (offset)	with beam	PIC counts
225	191	1 .	9.7		
226	183	2 .	8.6		
227	121	3 .	7.9		
228	178 200	4 .	8.7		
229	180	5 .	11.2		
230	133	6 .	8.4		
231	170	7 .	8.1		
232	194	8 .	6.4		
233	202	9 .	10.3		
234	109	10 .	11.6		
235	187	11 .	10.8		
236	68	12 .	9.4		
237	157	13 .	15.5		
238	161	14 .	15.5		
239	159	15 .	20.7		
240	196	16 .	13.4		
241	14	1 .	11.4		
242	174	2 .	8.3		
243	156	3 .	11.4		
244	70	4 .	8.1		
245	189	5 .	8.5		
246	218	6 .	14.0		
247	205	7 .	9.6		
248	201	8 .	12.4		
249	222	9 .	13.4		
250	102	10 .	11.5		
251	219	11 .	14.5		
252	118	12 .	15.8		
253	223	13 .	17.8		
254	90	14 .	14.9		
255	175	15 .	19.2		
256	92	16 .	13.1		