

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	$2.7 \cdot 10^{-15}$		
18	266	2	7.8 "		
19	327	3	8.1		
20	309	4	7.6		
21	323	5	10.7		
22	308	6	9.7		
23	385	7	9.7		
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 better 17.4	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	241	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	^{AP} 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	5.2		
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	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 (1000)	16	33169		

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	278	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 to channel (C10 is not a channel)	
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	2.8 10.1		
114	243	2	10.3		
115	283	3	6.1		
116	240	4	6.8		
117	233	5	2.8 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		