

# accelerated beams in *ALPI*

Date	ion	Cavities	$\beta_{in}$	$\beta_{out}$	Energy Gain / chargexcavity [MeV/ch-un cav.]	Final Energy [MeV]	Final Energy [MeV/u]
21FEB00	$^{32}\text{S}^{12+}$	25	0.107	0.142	0.435	300	9.4
27FAR00	$^{36}\text{S}^{12+}$	29	0.101	0.140	0.449	328	9.1
02MAR00	$^{62}\text{Ni}^{11+}$	14	0.088	0.105	0.428	316	5.1
14MAR00	$^{48}\text{Ca}^{9+}$	18	0.079	0.097	0.436	206	4.3
14NOV00	$^{32}\text{S}^{9,12+}$	<b>31</b>	0.107	0.153	<b>0.477</b>	350	10.9
22NOV00	$^{58}\text{Ni}^{6,15+}$	29	0.084	0.114	0.340	330	5.7
04FEB01	$^{58}\text{Ni}^{13+}$	13	0.087	0.100	0.395	267	4.6
14FEB01	$^{58}\text{Ni}^{13+}$	29	0.087	0.118	0.456	380	6.5
22FEB01	$^{82}\text{Se}^{11,17+}$	<b>41</b>	0.079	0.123	<b>0.502</b>	590	7.2
<b>03MAR01</b>	<b><math>^{82}\text{Se}^{11,17+}</math></b>	<b>43</b>	<b>0.079</b>	<b>0.128</b>	<b>0.537</b>	<b>631</b>	<b>7.7</b>
15JUN01	$^{36}\text{S}^{9+}$	22	0.093	0.117	0.429	230	6.4
29JUN01	$^{74}\text{Se}^{18+}$	22	0.085	0.111	0.439	422	5.7
07JUN01	$^{83}\text{Se}^{6,16+}$	32	0.074	0.110	0.487	464	5.6
12JUL01	$^{65}\text{Cu}^{6,15+}$	12	0.079	0.093	0.374	260	4
<b>05NOV01</b>	<b><math>^{12}\text{C}^{6+}</math></b>	<b>43</b>	<b>0.137</b>	<b>0.208</b>	<b>0.526</b>	<b>240</b>	<b>20</b>
13NOV01	$^{56}\text{Fe}^{6+}$	32	0.083	0.120	<b>0.563</b>	380	6.8

# ALPI 2002 (February)

## Resonator Accelerating Fields at 7 W

