Nitrogen

Update : march 24th 2006

Radioactive Beam (halflife)	Charge State	Intensity (pps)		Min Energy (MeV/nucleon)	Max Energy (MeV/nucleon)	Primary Beam	Primary Beam Power on ECS Target (kW)	Primary Beam Energy (MeV/nucleon)
		LEB	Target*					
^{13}N (9.9min)	+1	$4.7\ 10^{7}$	N.F	N.F	N.F	$^{14}N^{7+}$	1.4	95
	+2	$8.4\ 10^{6}$	$1.7\ 10^{6}$	1.7	6.5			
	+3	$1.4\ 10^{6}$	$2.8\ 10^{5}$	3.7	14.5			
	+4	$1.9\ 10^{5}$	$3.8\ 10^{4}$	6.5	21			

*** Available intensity for the experiment.**
N.F = not feasible

Color code :

$2.8\ 10^{7}$ = extrapolated figures from SIRA experiment from 400 W to 1.4 kW.
$2.8\ 10^{7}$ = measured figures with SPIRAL.
$2.8\ 10^{7}$ = expected figures after acceleration (not measured) with 20% transport efficiency.