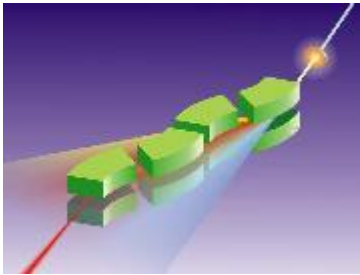


Secondary Beam Rate at S4

Beam intensity: 10^9 [s⁻¹]
Target thickness: 1 [g/cm²]



Ion	Reaction	σ [b]	ϵ_{FRS} [%]	Rate[s ⁻¹]
³⁶ Si	⁴⁸ Ca+ ⁹ Be	$6.6 \cdot 10^{-5}$	15	622
⁵⁰ Ca	⁸² Se+ ⁹ Be	$4.5 \cdot 10^{-6}$	14	42
⁴⁶ Cr	⁵⁸ Ni+ ⁹ Be	$1.6 \cdot 10^{-5}$	32	342
⁶⁸ Ni	⁸⁶ Kr+ ⁹ Be	$5.3 \cdot 10^{-5}$	25	886
⁸² Ge	⁸⁶ Kr+ ⁹ Be	$0.8 \cdot 10^{-6}$	59	32
¹⁰⁴ Sn	¹²⁴ Xe+ ⁹ Be	$5.6 \cdot 10^{-6}$	55	206
¹³⁴ Te	¹³⁶ Xe+ ⁹ Be	$3.7 \cdot 10^{-4}$	45	11137
¹⁷⁹ W	²⁰⁸ Pb+ ⁹ Be	$8.8 \cdot 10^{-4}$	33	19425
⁸⁸ Kr	²³⁸ U+ ²⁰⁸ Pb	$2.6 \cdot 10^{-2}$	0.3	226
¹³² Sn	²³⁸ U+ ²⁰⁸ Pb	$1.5 \cdot 10^{-2}$	1.2	521