

Some parameters of the facility



Primary Beam	energy, intensity	40 MeV, p, 3 μ A, HI(20MV)
Production Target	UC ₂ , etc	
ISOL	M/ Δ M, I/S	1200, FEBIAD, Surface, etc.
Charge Breeder	ECRIS	18 GHz, 1 kW
I/S for stable HI	ECRIS	14 GHz, 200 W
linac complex	injection energy	2.1 keV/u
	output energy	0.14 - 8.52 MeV/u (variable)
	duty cycle	100 % (A/q \leq 16), 30 % (A/q = 29)
SCRFQ-linac	frequency, output energy	25.96 MHz, 178.4 keV/u (A/q \leq 29)
IH-linac	frequency, output energy	51.92 MHz, 0.14-1.09 MeV/u (A/q \leq 10)
SC-Linac*	frequency, output energy	129.8 MHz, < 5.25 MeV/u (A/q \leq 7)
		< 8.52 MeV/u (A/q \leq 4)

*The structure of the SC-linac will be modified from the original one (40 cavities) to the one with 8 low- β cavities + 36 original cavities.