THE JÜLICH
IBA CYCLONE 30XP FACILITY

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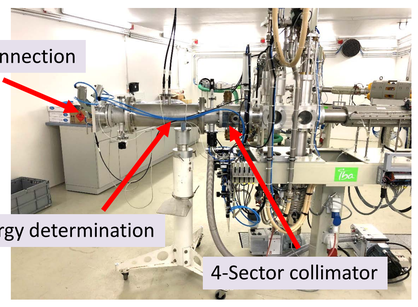
	Proton	Deuteron	Alpha
energy	15 - 30 MeV	9 - 15 MeV	30 MeV (fix)
particle	H^-	D^-	$^4He^{2+}$
max. beam current	350 µA	50 µA	50 µA
exit ports	A and B	A and B	only A
dual-beam-mode	possible	possible	not possible

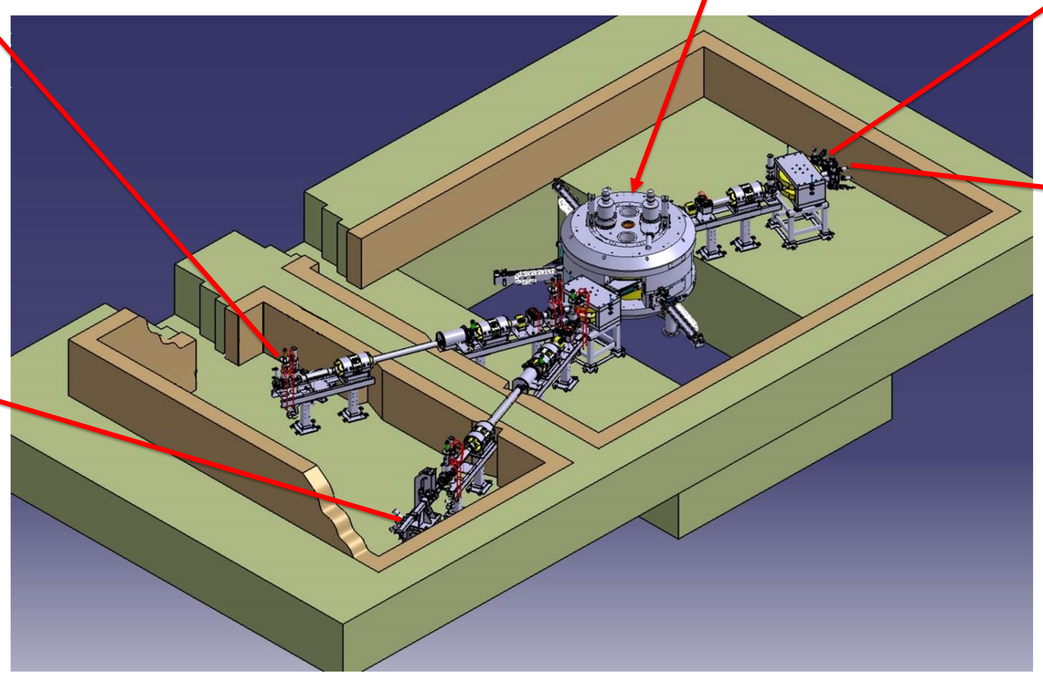
Device

Research double hot cell

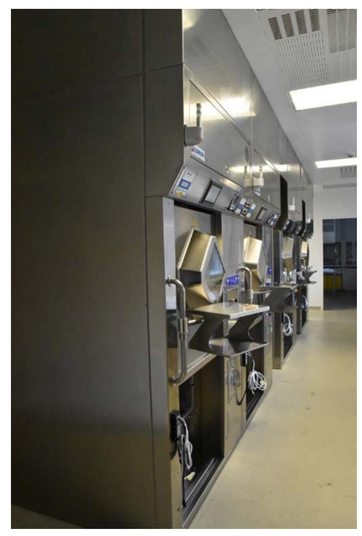
Experimental beamline and target station



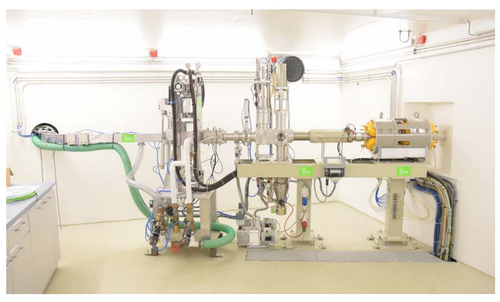
3 Beamlines
7 Target positions
3 particles



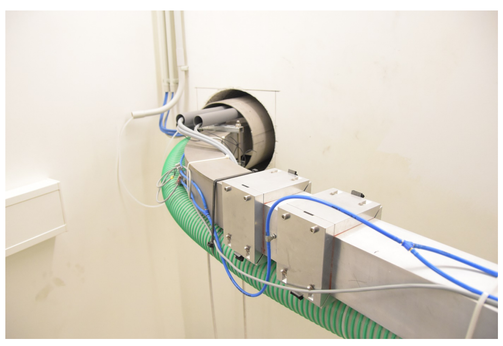
Hot cells in the GPM-lab



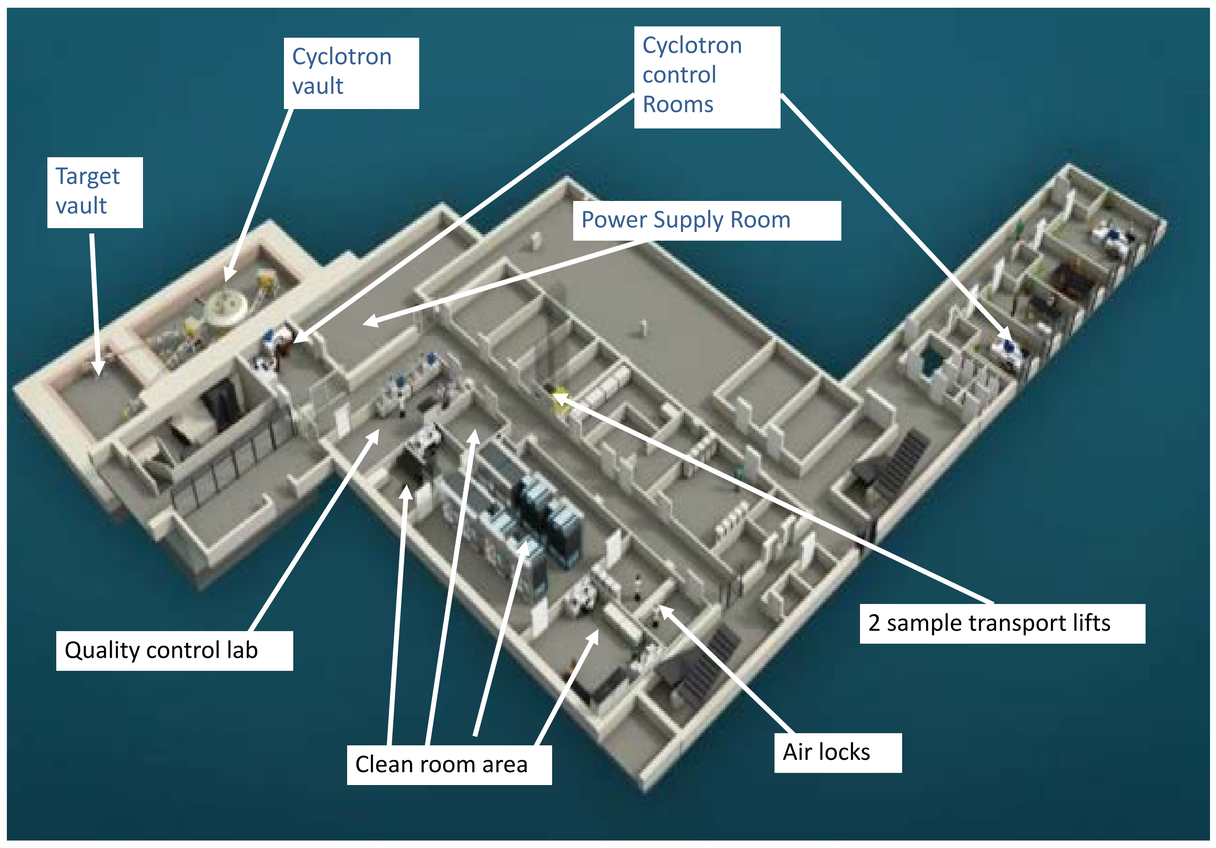
High current solid target station



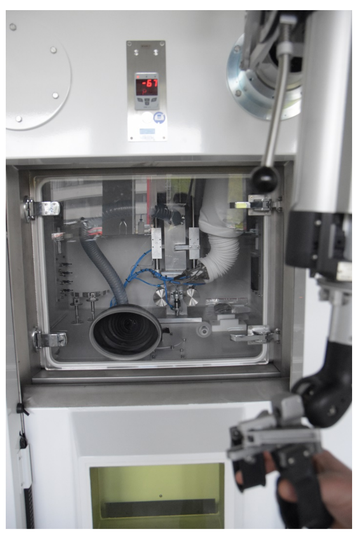
Wall duct solid target shuttle



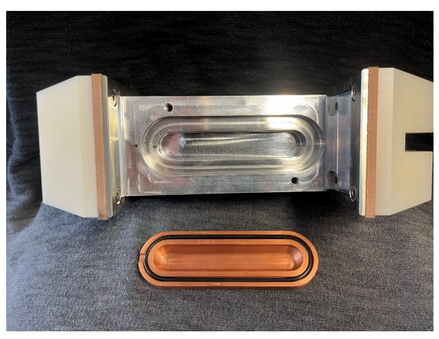
GMP-Area with cyclotron facility



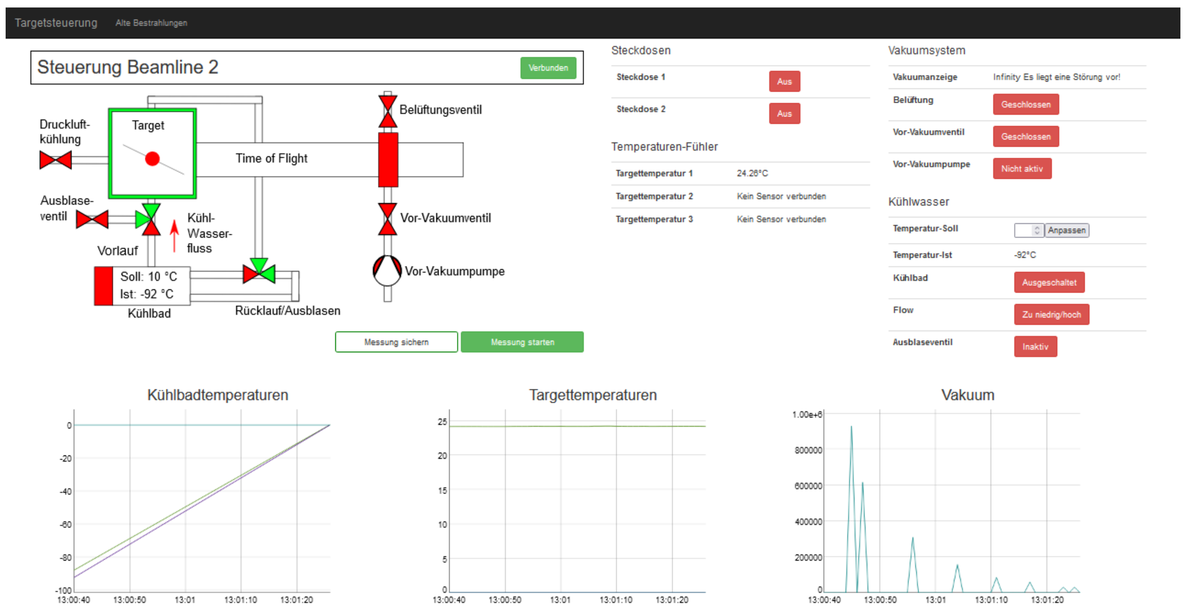
Receiving hot cell



Target shuttle



User Interface Experimental Beamline



Distribution of Radionuclides