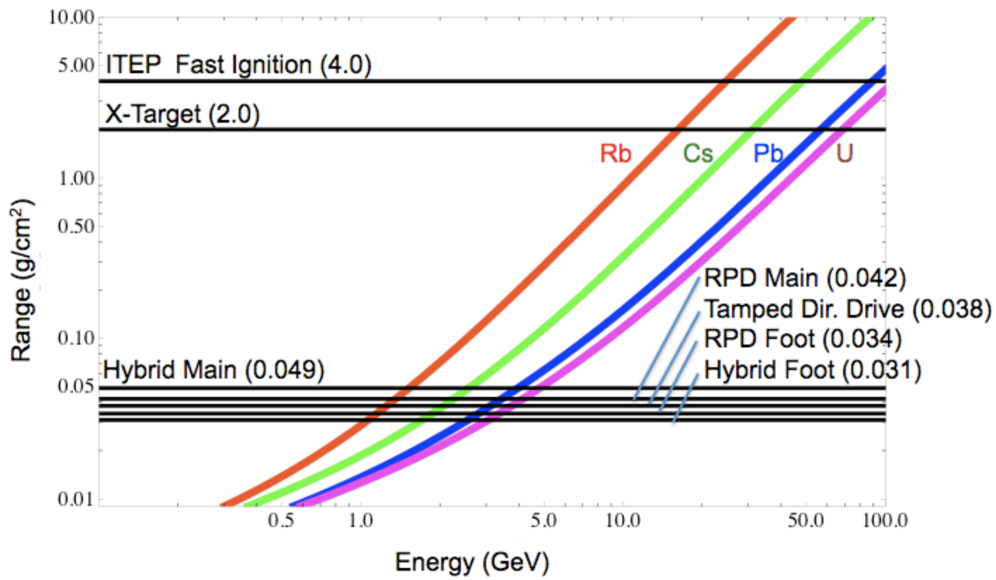
	Hybrid		Distributed Radiator (RPD)		Tamped Direct Drive		X-Target		Russian FI Target		Spherical Hohlraum	
	Foot	Main	Foot	Main	Compressor	Shock	Compressor	Ignitor	Compressor	Ignitor	Pre	Main
Energy (in pulse) (MJ)	1.7	5	2.7	4.9	2	1	1	2	7.1	0.4	1	3
Pulse duration (ns)	7	11	6.5	9.3	20	0.5	20	0.2	75	0.2	20	10
Beam radius (mm)	3.8 x 5.4	3.8 x 5.4	1.8 x 4.1	1.8 x 4.1	1.9	2.2	0.5	0.2	0.05	0.05	3	3
Ion range (g/cm^2)	0.031	0.049	0.034	0.042	0.038	0.038	2	2	4	4	0.15	0.15
Target acceptance angle (deg)	0 to 6	0 to 12	0 to 20	0 to 20	20 degree goal		0 to 20 degree		?	?	4 Pi	4 Pi
Illumination geometry	Two-sided		Two-sided		Two-sided		One-sided		One-sided (Two for FPC)		Spherical	
Target gain	55		68		100?		400		100		50 - 100	
Avg. Req. Beam Power for 1 GW net electric (MW)*	56.0		43.8		28.4		6.6		28.4		63 - 28	
Rep rate for 1 GW net electric power (Hz)	8.4		5.8		9.5		2.2		3.8		16 - 7	
(Example ion mass) (amu)	207	207	209	209	200.59	200.59	207	207	207	207	207	207
(Example ion energy) (GeV)	3	4.5	3.3	4	3.5	3.5	63	63	100	100	8	8
(Example charge in pulse) (mC)	0.57	1.11	0.82	1.23	0.57	0.29	0.02	0.03	0.07	0.00	0.13	0.38
(Example current in pulse) (kA)	81.0	101.0	125.9	131.7	28.6	571.4	0.8	158.7	0.9	20.0	6.3	37.5
Phase space density ratio	6.5	10.0	2.6	3.8	4.6	1.5	27.4	1.6	4.6	1.4	15.0	8.4



*Assumptions on beam power requirement: Net electric power = 1 GW; Thermal-to-electric efficiency = 0.35; Blanket multiplier =1.1; Accelerator efficiency =0.3

Formulae: P_beam= P_net_electrical /(Target_gain*Blanket_multiplier*Thermal_to_electric_efficiency-1/Accelerator_efficiency)