		Target length (cm)	thickness (g/cm^2)	Temperature (K)	Pressure (psia)	Nominal Density (g/cm^3)	Beam current (μA)
1 mils = 0.001 in = 0.00254 cm							
LD2		20.0000	3.352	21.976	30.408	0.1676	40
Al can LD2 (1.25”OD)	entrance wind.	0.0272	0.0733806	-	-	2.7	-
	exit window	0.0361	0.0973836	-	-	2.7	-
	wall	0.0328	0.0884682	-	-	2.7	-
^{4}He		20.0000	0.648	20.341	200.256	0.0324	95
^{3}He (run < 3753)		20.0000	0.426	19.558	170.348	0.0213	120
^{3}He (run ≥ 3753)		20.0000	0.592	17.44	209.147	0.0296	120
Al can He (1.25”OD)	entrance wind.	0.0274	0.0740664	-	-	2.7	-
	exit window	0.0353	0.0953262	-	-	2.7	-
	wall	0.0328	0.0884682	-	-	2.7	-
^{12}C		0.3937	0.8918			2.265	
^{40}Ca		0.5735	0.889			1.55	
^{48}Ca		0.5284	0.819			1.55	
Al can Ca (1.25”OD)	entrance wind.	0.0272	0.0733806	-	-	2.7	-
	exit window	0.0358	0.0966978	-	-	2.7	-
	wall	0.0328	0.0884682	-	-	2.7	-
Al dummy 20cm	upstream	0.1581	0.427	-	-	2.7	-
	downstream	0.1589	0.429	-	-	2.7	-
Al dummy 10cm	upstream	0.1019	0.275	-	-	2.7	-
	downstream	0.1000	0.27	-	-	2.7	-