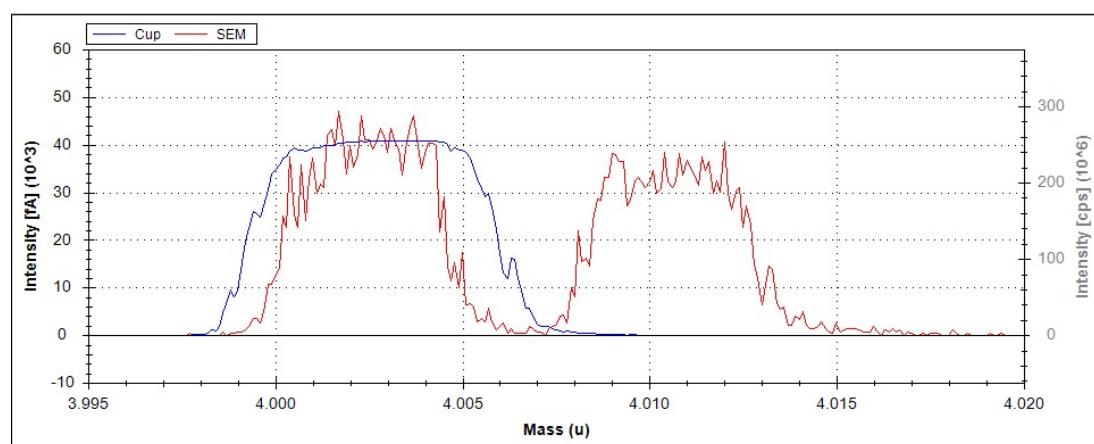


Supplementary Information

Text S1

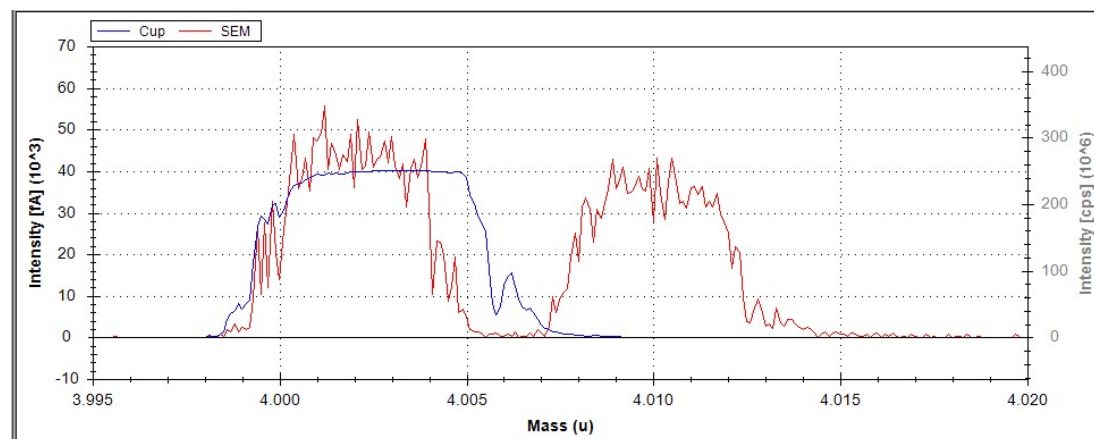
The following tests show that the pole pieces stay magnetised even after 2 hours, the ^3He - ^4He coincidence scans hold. A mass jump test to Argon and back to Helium at the end also show obvious change in coincidence scans. This confirms that magnetising the pole pieces before any helium mass calibration is done will allow the long term run of helium alone as well as He-Ne analysis in the same sample run. This is true providing the system is kept at a higher mass (Ne or Ar) when it is idle and the user jumps to a higher mass once in a while to keep the pole pieces magnetised.

1. In the beginning, conduct He mass calibration and ^3He - ^4He coincidence scan with HD.

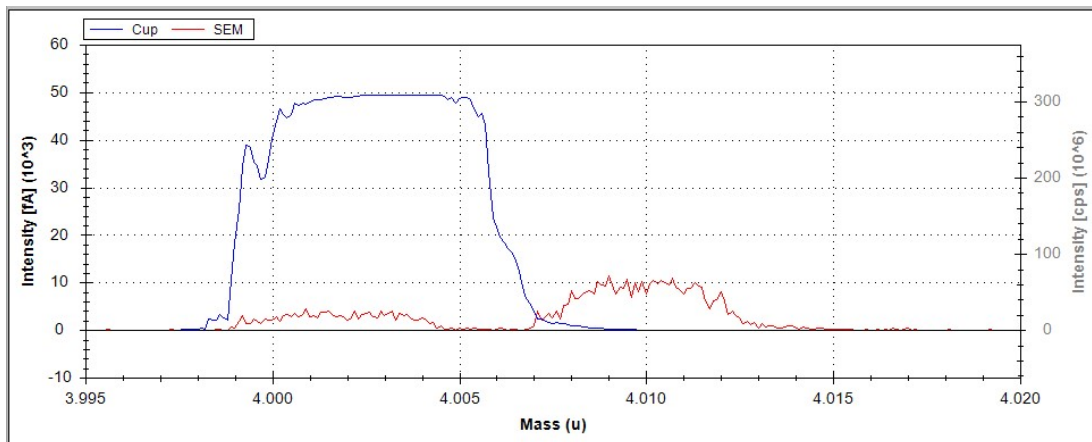


2. Switched to Ne configuration for 5 minutes.

3. **Time = 0 min:** Switched back to He configuration, ^3He - ^4He coincidence scan. He peaks significantly shift to smaller mass.



4. **Time = 165 min:** Switched to Ne configuration.
5. **Time = 185 min:** New air aliquot is injected into the SFT. Switched to He configuration
6. **Time = 190 min:** ^3He - ^4He coincidence scan.



7. **Time = 195 min:** Switched to Ar configuration
8. **Time = 210 min:** Switched back to He configuration. ^3He - ^4He coincidence scan. A prominent peak position return happened after switched to Ar configuration.

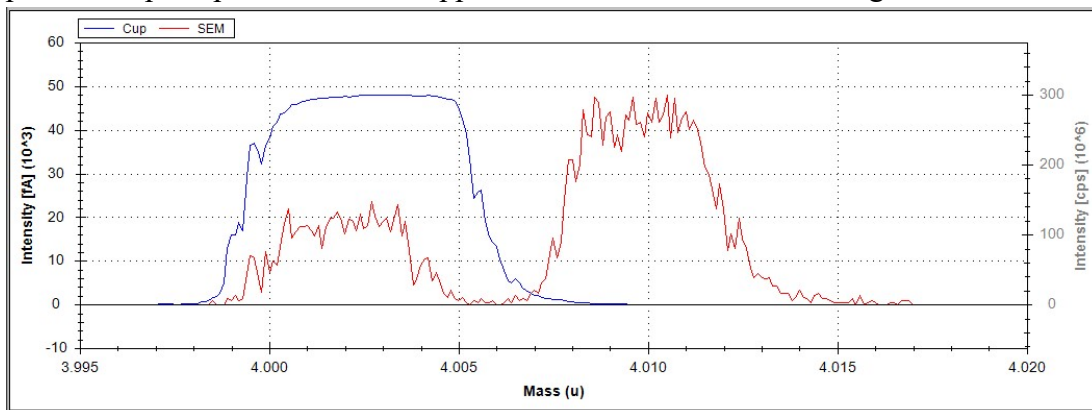


Table S1. He-Ne and Kr-Xe releasing profile with temperature of the modified ARS cryostat

Temperature (K)	⁴ He	²⁰ Ne	Temperature (K)	⁸⁴ Kr	¹³² Xe
	(% Released)			(% Released)	
10	0.00	0.00	100	0.01	0.01
12	0.13	0.00	105	0.01	0.01
14	4.52	0.00	110	0.04	0.01
16	40.88	0.00	115	0.39	0.01
18	82.09	0.00	120	1.92	0.01
20	93.89	0.00	125	4.34	0.01
22	98.21	0.01	130	6.80	0.01
24	99.96	0.02	140	13.82	0.01
26	100.00	0.05	150	23.05	0.34
28	99.67	0.15	160	37.53	0.34
30	98.47	0.87	170	52.80	0.84
35		26.82	180	69.64	0.84
40		83.78	190	86.19	1.13
42		93.32	195	91.78	1.43
44		97.05	200	94.83	1.92
46		98.61	205	97.72	2.52
48		99.42	210	100.00	3.94
50		99.72	212	99.96	5.07
55		100.00	214		6.16
58		99.79	216		7.53
60		99.23	218		9.78
			220		12.09
			230		20.37
			240		34.41
			250		56.97
			260		82.44
			265		95.17
			270		100.00
			272		99.31

Table S2. ^{20}Ne and ^{40}Ar signal intensity released together with Kr at Kr releasing temperature of the ARS cryostat.

Analysis Number	^{20}Ne released with Kr (fA)	^{40}Ar released with Kr (fA)
1	1371.30	3941.00
2	3583.00	11052.00
3	1627.00	4590.00
4	3222.00	10412.00
5	3187.00	9576.00
6	3167.00	9395.00
7	2446.00	9144.00
8	3493.00	11313.00
9	3199.00	9945.00
10	1375.00	5678.00
11	1216.57	4029.00
12	2119.45	8210.00
13	2264.13	8549.32
14	2169.80	6044.00
15	2561.00	6984.00

Table S3. Noble gas sensitivities from measurements on the Helix SFT mass spectrometer.

Analysis No.	Sensitivity (A/Torr)				
	He	Ne	Ar	Kr	Xe
1	1.80E-04	9.00E-05	2.59E-04	4.74E-04	1.02E-03
2	1.73E-04	8.18E-05	2.31E-04	4.53E-04	1.02E-03
3	1.77E-04	1.07E-04	2.44E-04	5.07E-04	1.03E-03
4	1.67E-04	1.10E-04	2.26E-04	5.25E-04	1.00E-03
5	1.71E-04	1.11E-04	2.37E-04	5.13E-04	9.72E-04
6	1.67E-04	9.77E-05	2.31E-04	4.92E-04	1.02E-03
7	1.79E-04	1.01E-04	2.31E-04	4.76E-04	9.74E-04
8	1.78E-04	1.00E-04	2.28E-04	5.35E-04	9.81E-04
9	1.82E-04	1.07E-04	2.18E-04	5.21E-04	1.01E-03
10	1.72E-04	1.02E-04	2.34E-04	4.97E-04	1.07E-03
11	1.79E-04	1.05E-04	2.26E-04	5.10E-04	1.05E-03
12	1.75E-04	1.05E-04	2.28E-04	5.37E-04	1.05E-03
13	1.79E-04	9.04E-05	2.08E-04	4.90E-04	1.04E-03
14	1.70E-04	9.17E-05	2.08E-04	5.25E-04	1.06E-03
15	1.60E-04	8.55E-05	2.42E-04	5.55E-04	1.01E-03
16	1.61E-04	8.99E-05	2.16E-04	5.10E-04	9.95E-04
17	1.60E-04	9.37E-05	2.26E-04	5.33E-04	9.78E-04
18	1.81E-04	1.00E-04	2.19E-04	5.00E-04	9.97E-04
19	1.73E-04	9.66E-05	2.27E-04	5.15E-04	1.03E-03
20	1.61E-04	9.41E-05	2.11E-04	5.14E-04	9.72E-04
Average	1.72E-04	9.79E-05	2.28E-04	5.09E-04	1.01E-03
STDEV	7.51E-06	8.14E-06	1.26E-05	2.42E-05	3.04E-05

Table S4. He signal intensities and isotopic ratios from measurements on Helix SFT

Analysis No.	³ He (fA)	STDEV	⁴ He (fA)	STDEV	³ He/ ⁴ He	Error
1	0.166	0.0005	124331	4.5	1.33E-06	4.09E-09
2	0.141	0.0015	103437	25.0	1.36E-06	1.48E-08
3	0.156	0.0014	115963	21.4	1.34E-06	1.19E-08
4	0.163	0.0008	118537	36.1	1.37E-06	6.95E-09
5	0.156	0.0015	115089	5.2	1.36E-06	1.28E-08
6	0.160	0.0009	116750	151.6	1.37E-06	7.76E-09
7	0.152	0.0006	110281	53.5	1.38E-06	5.22E-09
8	0.136	0.0008	99541	7.0	1.37E-06	7.65E-09
9	0.133	0.0008	99473	173.7	1.34E-06	8.29E-09
10	0.148	0.0005	110102	56.4	1.34E-06	4.50E-09
11	0.166	0.0003	124126	154.7	1.33E-06	3.26E-09
12	0.134	0.0015	99907	239.8	1.34E-06	1.50E-08
13	0.156	0.0003	116968	154.7	1.33E-06	3.46E-09
14	0.116	0.0015	86674	239.8	1.34E-06	1.73E-08
15	0.143	0.0007	106574	13.6	1.34E-06	6.19E-09
16	0.145	0.0005	110407	224.6	1.32E-06	5.52E-09
17	0.129	0.0015	97751	15.1	1.32E-06	1.49E-08
18	0.133	0.0019	100850	145.7	1.32E-06	1.86E-08
19	0.124	0.0013	93630	191.4	1.33E-06	1.46E-08
20	0.159	0.0011	117801	194.9	1.35E-06	9.63E-09
Average					1.34E-06	
Stdev					1.8657E-08	
Precision (%)					1.39	

Table S5. Ne signal intensities and isotopic ratios from measurements on Helix SFT

Analysis No.	²⁰ Ne (fA)	STDEV	²¹ Ne (fA)	STDEV	²² Ne (fA)	STDEV	²⁰ Ne/ ²² Ne	Error	²¹ Ne/ ²² Ne	Error
1	209526.6	55.44	627.3	0.18	21886.5	7.97	9.57	0.004	0.0287	0.00001
2	215183.1	14.00	643.4	0.21	22428.3	7.40	9.59	0.003	0.0287	0.00001
3	212617.7	38.83	638.6	0.12	22169.2	4.49	9.59	0.003	0.0288	0.00001
4	222810.9	483.13	677.8	3.25	23274.4	25.69	9.57	0.023	0.0291	0.00014
5	216215.2	176.08	648.9	1.01	22667.7	0.94	9.54	0.008	0.0286	0.00004
6	214303.0	14.50	643.3	0.15	22420.5	1.24	9.56	0.001	0.0287	0.00001
7	184370.3	36.56	551.2	0.35	19171.7	3.17	9.62	0.002	0.0288	0.00002
8	167085.0	627.74	501.8	1.74	17497.3	76.47	9.55	0.055	0.0287	0.00016
9	174578.1	17.26	522.5	0.33	18209.0	2.20	9.59	0.001	0.0287	0.00002
10	203010.1	16.24	607.3	0.27	21151.5	1.90	9.60	0.001	0.0287	0.00001
11	215454.6	19.98	646.1	0.08	22564.4	1.53	9.55	0.001	0.0286	0.00000
12	205420.0	24.21	616.3	0.13	21558.0	5.66	9.53	0.003	0.0286	0.00001
13	199378.4	58.78	598.4	0.14	20913.6	9.93	9.53	0.005	0.0286	0.00002
14	169425.1	28.70	507.8	0.21	17733.5	2.69	9.55	0.002	0.0286	0.00001
15	179105.5	27.63	535.1	0.14	18660.3	2.23	9.60	0.002	0.0287	0.00001
16	174646.8	23.81	523.1	0.22	18244.5	3.84	9.57	0.002	0.0287	0.00001
17	148587.4	17.12	445.8	0.17	15549.1	1.67	9.56	0.002	0.0287	0.00001
18	144047.2	30.75	431.0	0.16	15031.5	3.31	9.58	0.003	0.0287	0.00001
19	153220.1	476.17	463.5	1.13	15987.5	54.77	9.58	0.044	0.0290	0.00012
20	175665.5	178.92	526.0	0.64	18317.6	20.38	9.59	0.014	0.0287	0.00005
Average							9.5714		0.0287	
Stdev							0.0244		0.0001	
Precision (%)							0.26		0.45	

Table S6. Ar signal intensities and isotopic ratios from measurements on Helix SFT

Analysis No.	³⁶ Ar (fA)	STDEV	³⁸ Ar (fA)	STDEV	⁴⁰ Ar (fA)	STDEV	³⁸ Ar/ ³⁶ Ar	Error	⁴⁰ Ar/ ³⁶ Ar	Error
1	102.1	0.26	19.79	0.20	30400.4	26.33	0.194	0.0020	297.8	0.81
2	101.3	0.16	19.48	0.19	30165.1	21.46	0.192	0.0019	297.9	0.51
3	102.6	0.65	19.19	0.27	30649.0	51.24	0.187	0.0029	298.6	1.97
4	93.5	0.30	17.71	0.24	27929.3	17.87	0.189	0.0027	298.6	0.99
5	754.6	0.30	145.18	0.17	224206.7	10.48	0.192	0.0002	297.1	0.12
6	694.7	0.27	132.90	0.20	206434.4	16.03	0.191	0.0003	297.1	0.12
7	719.8	0.45	138.35	0.17	215175.6	13.34	0.192	0.0003	298.9	0.19
8	674.4	0.26	128.51	0.10	201452.6	12.40	0.191	0.0002	298.7	0.11
9	660.8	0.43	126.24	0.16	196974.7	16.28	0.191	0.0003	298.1	0.20
10	706.8	1.70	133.77	0.40	210717.7	154.30	0.189	0.0007	298.1	0.75
11	751.4	1.26	142.26	0.10	224653.6	71.78	0.189	0.0003	299.0	0.51
12	717.2	1.66	136.16	0.46	214422.2	89.02	0.190	0.0008	299.0	0.70
13	722.2	1.60	136.66	0.12	215098.7	69.88	0.189	0.0005	297.8	0.67
14	665.2	1.65	125.67	0.24	198684.2	106.73	0.189	0.0006	298.7	0.76
15	670.3	1.96	127.11	0.28	200382.3	50.76	0.190	0.0007	298.9	0.88
16	777.0	1.45	147.94	0.42	232177.8	101.95	0.190	0.0006	298.8	0.57
17	686.5	1.41	131.29	0.38	204970.0	75.59	0.191	0.0007	298.6	0.63
18	713.3	1.52	135.72	0.43	212986.0	88.70	0.190	0.0007	298.6	0.65
19	688.8	2.25	130.31	0.11	205420.9	116.30	0.189	0.0006	298.2	0.99
20	812.1	2.25	153.64	0.11	242194.2	116.30	0.189	0.0005	298.2	0.84
Average							0.190		298.34	
Stdev							0.002		0.56	
Precision (%)							0.83		0.19	

Note: New chops for Ar was applied from 5th air standard measurement.

Table S7a. Kr signal intensities with standard deviations from measurements on Helix SFT

Analysis No.	⁷⁸ Kr (fA)	STDEV	⁸⁰ Kr (fA)	STDEV	⁸² Kr (fA)	STDEV	⁸³ Kr (fA)	STDEV	⁸⁴ Kr (fA)	STDEV	⁸⁶ Kr (fA)	STDEV
1	333.58	1.14	2152.88	11.50	10895.10	59.23	10776.08	36.71	53308.52	98.77	16241.51	49.12
2	339.45	1.01	2203.41	10.43	11194.49	53.58	11118.17	50.08	54895.67	205.25	16720.67	63.16
3	331.14	0.53	2142.53	0.45	10886.59	4.32	10793.41	14.80	53390.31	156.89	16261.62	37.99
4	309.87	0.47	2014.66	0.70	10237.91	1.90	10163.56	10.17	50239.64	101.20	15315.56	15.23
5	334.51	0.75	2163.30	0.62	11004.58	2.13	10914.46	13.90	54033.40	92.10	16452.09	35.14
6	322.86	1.28	2094.53	4.06	10649.75	23.29	10579.78	24.35	52336.48	126.26	15941.69	42.25
7	308.22	0.78	1996.58	3.70	10143.59	19.90	10044.23	32.46	49730.44	204.00	15144.83	66.73
8	318.23	0.21	2076.88	1.62	10568.75	11.26	10444.26	13.66	51496.55	110.01	15695.12	42.52
9	288.74	0.62	1872.88	0.42	9513.50	3.50	9438.63	18.00	46628.18	137.44	14185.23	42.36
10	344.70	0.35	2230.40	1.21	11345.06	2.81	11253.50	11.98	55774.92	116.31	16977.33	21.54
11	364.06	0.73	2351.79	1.77	11999.04	41.20	11859.77	8.66	58611.56	85.15	17836.67	29.27
12	327.93	1.23	2124.99	5.82	10830.32	27.91	10755.84	19.28	53240.10	31.13	16232.91	14.68
13	344.68	0.73	2225.99	2.01	11329.77	5.57	11232.02	15.09	55469.37	122.15	16893.75	30.18
14	268.06	0.39	1755.89	0.58	8930.94	1.69	8860.38	10.57	43712.84	106.74	13316.68	30.72
15	250.18	0.15	1621.03	0.93	8242.67	4.24	8170.00	8.49	40412.91	112.06	12306.54	30.58
16	279.82	1.24	1815.31	2.78	9225.33	14.14	9142.97	20.57	45208.51	142.62	13769.61	50.56
17	246.63	0.61	1597.97	2.01	8123.19	14.06	8053.20	17.75	39817.35	141.98	12131.55	34.60
18	279.29	0.50	1808.08	0.71	9186.95	7.98	9110.99	16.91	44988.57	130.41	13699.92	32.02
19	256.20	0.29	1659.79	2.68	8434.22	8.63	8352.84	11.35	41261.55	84.37	12591.79	29.06
20	320.31	0.34	2072.40	0.95	10532.19	2.98	10422.53	14.41	51488.90	87.73	15696.90	25.84

Table S7b. Kr isotope ratios from measurements on Helix SFT

Analysis No.	$^{78}\text{Kr}/^{84}\text{Kr}$	Error	$^{80}\text{Kr}/^{84}\text{Kr}$	Error	$^{82}\text{Kr}/^{84}\text{Kr}$	Error	$^{83}\text{Kr}/^{84}\text{Kr}$	Error	$^{86}\text{Kr}/^{84}\text{Kr}$	Error
1	0.006258	0.000024	0.0404	0.0002	0.20438	0.00117	0.20215	0.00078	0.3047	0.0011
2	0.006183	0.000030	0.0401	0.0002	0.20392	0.00124	0.20253	0.00119	0.3046	0.0016
3	0.006202	0.000021	0.0401	0.0001	0.20391	0.00060	0.20216	0.00066	0.3046	0.0011
4	0.006168	0.000016	0.0401	0.0001	0.20378	0.00041	0.20230	0.00046	0.3049	0.0007
5	0.006191	0.000017	0.0400	0.0001	0.20366	0.00035	0.20199	0.00043	0.3045	0.0008
6	0.006169	0.000029	0.0400	0.0001	0.20349	0.00066	0.20215	0.00067	0.3046	0.0011
7	0.006198	0.000030	0.0401	0.0002	0.20397	0.00093	0.20197	0.00105	0.3045	0.0018
8	0.006180	0.000014	0.0403	0.0001	0.20523	0.00049	0.20281	0.00051	0.3048	0.0011
9	0.006192	0.000023	0.0402	0.0001	0.20403	0.00061	0.20242	0.00071	0.3042	0.0013
10	0.006180	0.000014	0.0400	0.0001	0.20341	0.00043	0.20177	0.00047	0.3044	0.0007
11	0.006211	0.000015	0.0401	0.0001	0.20472	0.00076	0.20235	0.00033	0.3043	0.0007
12	0.006160	0.000023	0.0399	0.0001	0.20342	0.00054	0.20203	0.00038	0.3049	0.0003
13	0.006214	0.000019	0.0401	0.0001	0.20425	0.00046	0.20249	0.00052	0.3046	0.0009
14	0.006132	0.000017	0.0402	0.0001	0.20431	0.00050	0.20270	0.00055	0.3046	0.0010
15	0.006191	0.000018	0.0401	0.0001	0.20396	0.00058	0.20216	0.00060	0.3045	0.0011
16	0.006189	0.000034	0.0402	0.0001	0.20406	0.00072	0.20224	0.00078	0.3046	0.0015
17	0.006194	0.000027	0.0401	0.0002	0.20401	0.00081	0.20225	0.00085	0.3047	0.0014
18	0.006208	0.000021	0.0402	0.0001	0.20421	0.00062	0.20252	0.00070	0.3045	0.0011
19	0.006209	0.000014	0.0402	0.0001	0.20441	0.00047	0.20244	0.00050	0.3052	0.0009
20	0.006221	0.000012	0.0402	0.0001	0.20455	0.00035	0.20242	0.00044	0.3049	0.0007
Average	0.006193		0.0401		0.20408		0.20229		0.3046	
Stdev	0.000026		0.0001		0.00045		0.00026		0.0002	
Precision (%)	0.42		0.27		0.22		0.13		0.07	

Table S8a. Xe signal intensities and standard deviations from measurements on Helix SFT

Analysis No.	^{128}Xe (fA)	STDEV	^{129}Xe (fA)	STDEV	^{130}Xe (fA)	STDEV	^{131}Xe (fA)	STDEV	^{132}Xe (fA)	STDEV	^{134}Xe (fA)	STDEV	^{136}Xe (fA)	STDEV
1	308.00	1.38	4155.81	11.91	630.85	1.34	3250.45	7.37	4115.56	12.61	1610.96	4.11	1367.14	2.20
2	303.11	1.38	4108.07	12.13	623.63	1.24	3217.81	5.57	4069.95	10.20	1592.77	3.43	1352.06	1.87
3	299.67	1.15	4045.40	10.11	614.59	1.01	3171.45	4.73	4009.62	10.12	1569.47	3.33	1333.74	1.60
4	297.78	1.50	4037.41	11.69	614.37	1.12	3172.26	5.45	4011.63	9.83	1570.45	3.60	1334.06	1.80
5	282.06	1.50	3831.89	11.24	582.48	1.31	3003.36	6.14	3797.00	11.88	1486.14	3.72	1262.00	1.95
6	276.76	1.61	3737.09	17.53	568.41	2.48	2932.19	12.21	3713.23	16.07	1452.07	5.21	1232.03	4.17
7	270.02	1.31	3659.53	12.11	555.32	1.20	2869.77	6.11	3629.66	11.96	1421.89	3.87	1206.90	1.48
8	290.65	0.44	3955.49	6.25	605.79	1.08	3135.87	6.95	3973.11	8.47	1540.53	3.54	1311.31	3.27
9	298.63	0.77	4055.79	6.89	620.12	0.57	3205.21	2.78	4070.59	7.29	1585.96	2.65	1348.61	1.47
10	291.29	0.74	3943.86	6.68	600.41	0.54	3105.30	2.81	3932.02	6.39	1538.74	2.81	1307.65	1.07
11	297.53	0.90	4039.88	9.74	617.04	1.24	3194.64	6.24	4052.27	7.98	1579.52	2.82	1343.42	1.20
12	269.91	1.43	3744.93	9.13	573.05	1.50	2970.93	6.49	3763.75	11.90	1466.71	3.80	1248.04	1.66
13	314.14	1.56	4264.84	24.11	650.59	3.35	3354.86	19.77	4275.55	23.25	1669.39	9.05	1415.49	6.52
14	250.17	1.43	3471.11	9.13	531.15	1.50	2753.70	6.49	3488.55	11.90	1359.47	3.80	1156.79	1.66
15	220.34	1.56	2991.32	24.11	456.32	3.35	2353.07	19.77	2998.83	23.25	1170.89	9.05	992.81	6.52
16	243.23	1.25	3313.03	10.34	506.61	1.16	2620.82	5.97	3317.23	9.43	1294.34	2.90	1101.81	1.61
17	178.25	1.17	2420.66	11.34	369.66	1.12	1915.97	6.75	2426.04	10.15	947.08	3.52	805.67	1.69
18	229.16	1.13	3116.18	10.83	476.28	1.14	2462.47	5.34	3120.85	8.34	1218.52	2.52	1036.02	1.25
19	207.46	0.87	2810.23	6.38	429.33	0.94	2213.22	5.18	2812.88	7.20	1097.07	2.42	931.07	1.48
20	252.23	0.71	3426.59	7.00	522.25	0.43	2702.21	3.70	3428.27	7.90	1337.61	2.91	1138.63	0.98

Table S8b. Xe isotope ratios from measurements on Helix SFT

Analysis No.	$^{128}\text{Xe}/^{130}\text{Xe}$	Error	$^{129}\text{Xe}/^{130}\text{Xe}$	Error	$^{131}\text{Xe}/^{130}\text{Xe}$	Error	$^{132}\text{Xe}/^{130}\text{Xe}$	Error	$^{134}\text{Xe}/^{130}\text{Xe}$	Error	$^{136}\text{Xe}/^{130}\text{Xe}$	Error
1	0.488	0.0024	6.59	0.02	5.15	0.02	6.52	0.02	2.55	0.01	2.167	0.006
2	0.486	0.0024	6.59	0.02	5.16	0.01	6.53	0.02	2.55	0.01	2.168	0.005
3	0.488	0.0020	6.58	0.02	5.16	0.01	6.52	0.02	2.55	0.01	2.170	0.004
4	0.485	0.0026	6.57	0.02	5.16	0.01	6.53	0.02	2.56	0.01	2.171	0.005
5	0.484	0.0028	6.58	0.02	5.16	0.02	6.52	0.03	2.55	0.01	2.167	0.006
6	0.487	0.0035	6.57	0.04	5.16	0.03	6.53	0.04	2.55	0.01	2.168	0.012
7	0.486	0.0026	6.59	0.03	5.17	0.02	6.54	0.03	2.56	0.01	2.173	0.005
8	0.480	0.0011	6.53	0.02	5.18	0.01	6.56	0.02	2.54	0.01	2.165	0.007
9	0.482	0.0013	6.54	0.01	5.17	0.01	6.56	0.01	2.56	0.00	2.175	0.003
10	0.485	0.0013	6.57	0.01	5.17	0.01	6.55	0.01	2.56	0.01	2.178	0.003
11	0.482	0.0017	6.55	0.02	5.18	0.01	6.57	0.02	2.56	0.01	2.177	0.005
12	0.471	0.0028	6.54	0.02	5.18	0.02	6.57	0.03	2.56	0.01	2.178	0.006
13	0.483	0.0035	6.56	0.05	5.16	0.04	6.57	0.05	2.57	0.02	2.176	0.015
14	0.471	0.0030	6.54	0.03	5.18	0.02	6.57	0.03	2.56	0.01	2.178	0.007
15	0.483	0.0049	6.56	0.07	5.16	0.06	6.57	0.07	2.57	0.03	2.176	0.021
16	0.480	0.0027	6.54	0.03	5.17	0.02	6.55	0.02	2.55	0.01	2.175	0.006
17	0.482	0.0035	6.55	0.04	5.18	0.02	6.56	0.03	2.56	0.01	2.179	0.008
18	0.481	0.0026	6.54	0.03	5.17	0.02	6.55	0.02	2.56	0.01	2.175	0.006
19	0.483	0.0023	6.55	0.02	5.16	0.02	6.55	0.02	2.56	0.01	2.169	0.006
20	0.483	0.0014	6.56	0.01	5.17	0.01	6.56	0.02	2.56	0.01	2.180	0.003
Ave	0.483		6.56		5.17		6.55		2.56		2.173	
Stdev	0.005		0.02		0.01		0.02		0.01		0.005	
Precision (%)	0.95		0.30		0.20		0.28		0.21		0.22	